

पेटेंट कार्यालय  
का  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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निर्गमन सं. 26/2013  
ISSUE NO. 26/2013

शुक्रवार  
FRIDAY

दिनांक: 28/06/2013  
DATE: 28/06/2013

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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 01<sup>st</sup> 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**

28<sup>th</sup> JUNE, 2013

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**THE PATENT OFFICE  
KOLKATA, 28/06/2013**

**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><b>1</b> Office of the Controller General of Patents, Designs &amp; 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: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	<p><b>4</b> 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: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a></p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
<p><b>2</b> 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: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; Dadra and Nagar Haveli</p>	<p><b>5</b> 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: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a></p> <p>❖ Rest of India</p>
<p><b>3</b> 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 &amp; 2808 1940 E.mail: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a></p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	

Website: [www.ipindia.nic.in](http://www.ipindia.nic.in)  
[www.patentoffice.nic.in](http://www.patentoffice.nic.in)

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

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

**पेटेंट कार्यालय**  
**कोलकाता, दिनांक 28/06/2013**  
**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><b>1</b></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: <a href="mailto:cgpdtn@nic.in">cgpdtn@nic.in</a></p>	<p><b>4</b></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: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a>  ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p><b>2</b></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: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a>  ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p><b>5</b></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: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a>  ❖ भारत का अवशेष क्षेत्र</p>
<p><b>3</b></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: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a>  ❖ 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](http://www.patentoffice.nic.in)

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

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

## **SPECIAL NOTICE**

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

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

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

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

## **SPECIAL NOTICE**

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18<sup>th</sup> 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**

The patent application No. 998/kol/2012 was published u/s 11(A) on 12/10/2012 vide journal issue No. 41/2012 wherein the abstract of the said application

### *Should read as*

An instrument for insulation condition assessment, comprising, at least two switches (2,3) for connecting said insulating material (11) under assessment to an electrometer module(4), a micro controller(S) for controlling said switches (2,3) and for data communication between a host computer(10) and peripherals, and a data acquisition module (6) operatively connected to said host computer. A method for performing insulation condition assessment is also disclosed.

### *Instead of*

The present invention relates to methods and arrangements for distributing UE transmit power between multiple UL component carriers, e.g. in situations where the UL component carriers reside in different bands or where data with different importance are scheduled onto the different component carriers and between the PUSCH and the PUCCH when those channels are transmitted simultaneously.

To be able to control the distribution of the available transmit power of a UE between multiple UL component carriers and/or between PUCCH and PUSCH, individual power weighting factors to be used by the UE are configured by the eNB according to embodiments of the present invention. The power weighting factors are signaled to the UE accordingly and used by the UE to weight PUCCH and PUSCH and/or different component carriers.



## **APPLICATION FOR RESTORATION OF PATENT U/r.84 (KOLKATA).**

**(01)**

The application for restoration of ceased Patent No. 206876 (710/CAL/2002) was published in the Journal No.15/11 dated the 15<sup>th</sup> April, 2011 has been withdrawn by the applicants and the patent remain ceased w.e.f. 18<sup>th</sup> Dec., 2008.

**(02)**

The application for restoration of ceased Patent No. 220498 (IN/PCT/2002/1052/kol) was published in the Journal No.49/09 dated the 4<sup>th</sup> December, 2009 has been withdrawn by the applicants and the patent remain ceased w.e.f. 30<sup>th</sup>, August, 2008.

## **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.1535/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF MAKING CUTLERY DRAWER IN PREMIUM RANGE

(51) International classification	:A47B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MUNYAPPAN</b>
(32) Priority Date	:NA	Address of Applicant :D-183, IIND FLOOR,
(33) Name of priority country	:NA	PEERAGARHI, NEW DELHI - 110087 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MUNYAPPAN</b>
(87) 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 :

We take sheet in thickness 0.3mm & cuts as per basket size. After that we fold the sheet as per according to basket length & width, after that we punching in folding sheet. Then we polish all sheets. After that we do lacquer. After that we set profile inside the folding & punching sheets. After that we attached the painted hard plastic corner according to basket depth. These are in 3 sizes 4, 6 & 8. After that we fix it with punching sheets by rivets. Now we see frame has been prepared. We cut the Bakelite sheet & thickness 0.3mm sheet as per the basket size. We stick the S.S. sheet on the bakelite with the gumming tape. After that we fit frame & bakelite sheet with screws. We fit folding sheet inside the frame with screw.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1536/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF MAKING UTILITY DRAWER IN PREMIUM RANGE

(51) International classification	:A47B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MUNIYAPPAN</b>
(32) Priority Date	:NA	Address of Applicant :D-183, IIND FLOOR,
(33) Name of priority country	:NA	PEERAGARHI, NEW DELHI - 110087 India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MUNIYAPPAN</b>
(87) 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 :

We take sheet in thickness 0.3mm & cuts as per basket size. After that we fold the sheet as per according to basket length & width, after that we punch in folding sheet. Then we polish all sheets. After that we do lacquer. After that we set profile inside the folding & punching sheets. After that we attached the painted hard plastic corner according to basket depth. These are in 3 sizes 4, 6 & 8. After that we fix it with punching sheets by rivets. Now we see frame has been prepared. We cut the Bakelite sheet & thickness 0.3mm sheet as per the basket size. We stick the S.S. sheet on the bakelite with the gumming tape. After that we fit frame & bakelite sheet with screws. We fit folding sheet inside the frame with screw. We take a aluminium sheet For Bowl & Plate & cut the sheet after that we punch in the sheet & we fold the sheet. Then we fix hard plastic accessories both side in the aluminium folding sheet. Now we keep this in drawer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1537/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF MAKING PLAIN DRAWER IN PREMIUM RANGE

(51) International classification	:A47B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MUNIYAPPAN</b>
(32) Priority Date	:NA	Address of Applicant :D-183, IIND FLOOR,
(33) Name of priority country	:NA	PEERAGARHI, NEW DELHI - 110087 India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MUNIYAPPAN</b>
(87) 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 :

We take sheet in thickness 0.3mm & cuts as per basket size. After that we fold the sheet as per according to basket length & width, after that we punching in folding sheet. Then we polish all sheets. After that we do lacquer. After that we set profile inside the folding & punching sheets. After that we attached the painted hard plastic corner according to basket depth. These are in 3 sizes 4, 6 & 8. After that we fix it with punching sheets by rivets. Now we see frame has been prepared. We cut the Bakelite sheet & thickness 0.3mm sheet as per the basket size. We stick the S.S. sheet on the bakelite with the gumming tape. After that we fit frame & bakelite sheet with screws.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1532/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF MAKING SINGLE SHELF WITH ROD IN PREMIUM RANGE

(51) International classification	:A47B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MUNIYAPPAN</b>
(32) Priority Date	:NA	Address of Applicant :D-183, IIND FLOOR,
(33) Name of priority country	:NA	PEERAGARHI, NEW DELHI - 110087 India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MUNIYAPPAN</b>
(87) 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 :

We take sheet a S.S. sheet & cut as per hanging item size. Then we punch in the sheet. After that we bend the sheet. After that we polish the sheet. Then we do lacquer. Then we take a S.S. pipe. After that we fold the road. Then we polish the Pipe. Then we do lacquer. Then we fit pipe & sheet with screw.

No. of Pages : 5 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1533/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF MAKING S CARROUSEL IN PREMIUM RANGE

(51) International classification

:B32B

(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)MUNIYAPPAN**

Address of Applicant :D-183, IIND FLOOR, PEERA  
GARHI, NEW DELHI - 110087 India

(72)**Name of Inventor :**

**1)MUNIYAPPAN**

(57) Abstract :

We take S.S. brush finish & cut in 8 shape. Then we polish. Then we do lacquer. Then we take a ply & cut in 8 shape. Then we do laminate ply. Then we fix it in the bottom side of S.S. brush finish sheet. Now we take a S.S. wire Rod & fold it in 8 shape. & fix with S.S. brushes sheet with screw. We take a S.S. ring & tight upper side in the ply & we fit a lever in pipe. In side of lever, we fix a PVC belt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1534/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF MAKING 2-3 SHELVES BOTTLE DRAWER IN PREMIUM RANGE

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MUNIYAPPAN</b>
(32) Priority Date	:NA	Address of Applicant :D-183, IIND FLOOR,
(33) Name of priority country	:NA	PEERAGARHI, NEW DELHI - 110087 India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MUNIYAPPAN</b>
(87) 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 :

We take sheet in thickness 0.3mm & cuts as per bottle drawer size. After that we fold the sheet as per according to bottle drawer length & width & height, after that we punching in folding sheet. Then we polish all sheets. After that we do lacquer. After that we set profile inside the folding & punching sheets. After that we attached the painted hard plastic corner according to basket depth. These are in 3 sizes 4, 6 & 8. After that we fix it with punching sheets by rivets. Now we see frame has been prepared. We cut the Bakelite sheet & thickness 0.3mm sheet as per the basket size. We stick the S.S. sheet on the bakelite with the gumming tape. After that we fit frame & bakelite sheet with screws.

No. of Pages : 5 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : REFRIGERANT QUANTITY CONTROL SYSTEM FOR TEMPERATURE REGULATION

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

(71)**Name of Applicant :**  
**1)SHAH DEVANG RAMESHBHAI**  
Address of Applicant :52, KANHA BUNGLOWS, OPP.  
VOLTAMP TRANSFORMER, MANEJA, VADODARA - 390  
013 GUJARAT, INDIA  
(72)**Name of Inventor :**  
**1)SHAH DEVANG RAMESHBHAI**

(57) Abstract :

The present invention relates to a refrigerant quantity control system for temperature regulation in which a buffer tank and two solenoid valves are added in the regular refrigeration systems. So when the set temperature in the refrigeration system is achieved, the first solenoid valve opens and allows the flow of the refrigerant fluid in the buffer tank. This eliminates the need for the compressor to stop functioning due to achievement of the set temperature and reduces the load on the condenser. Later when the cooling requirement increases, the second solenoid valve opens and allows the flow of the refrigerant liquid in the main refrigeration cycle. The present invention gives precise control of temperature and provides faster cooling leading to better performance of the refrigeration system without increasing the load on the compressor.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.224/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/01/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : A FLEXIBLE AUTOMATIC AEROSOL DISPENSING SYSTEM WITH REMOTELY LOCATED AEROSOL CONTAINER

(51) International classification	:B65D83/14, B65D83/26	(71) <b>Name of Applicant :</b> <b>1)SHAH NAINESHKUMAR VIJAYCHANDRA</b> Address of Applicant :HEER OVERSEAS PVT. LTD., C/O H. V. MOTORS, NEAR BILL KHADI, N. H. NO. 8, BALITHA, VAPI-396195 GUJARAT, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SHAH NAINESHKUMAR VIJAYCHANDRA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a flexible automatic aerosol dispensing system which can be used for evenly dispensing fragrances, disinfectants or insect killers in closed spaces. It has its container remotely located i.e. away from the nozzle and controller such that it can be easily operated and changed. The system input is controlled by the start and stop of a vehicle or the air conditioner when fitted in a vehicle like car, bus, train, aeroplane etc. or by a 230 V AC input through an eliminator in closed areas like showrooms, halls, rooms etc. It is a continuous aerosol dispensing system which dispenses a predetermined amount of aerosol at predetermined intervals of time as per its program without the need of manual intervention. The system can operate a number of nozzles in the closed area using a single controller.

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1394/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTELLIGENT SYSTEM AND METHOD THAT MATCHES JOB SEEKERS WITH EMPLOYMENT OPPORTUNITIES

(51) International classification	:G06F17/60	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ROHIT TIKMANY</b>
(32) Priority Date	:NA	Address of Applicant :B301, RIVIERA CHS,
(33) Name of priority country	:NA	LOKHANDWALA COMPLEX, KANDIVALI EAST,
(86) International Application No	:NA	MUMBAI 400101 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)ROHIT TIKMANY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for using a plurality of computer processors; a database comprising data related to a plurality of job seekers and/or a plurality of vacancies; a plurality of internet web servers accessible to a job seeker and to a recruiter; a matching program implemented on one of the plurality of processors in communication with the database, the matching program producing vacancy matching results by matching a job seeker to a vacancy and vice versa, through finding one or more symmetric characteristics between job seeker parameters and preferences and one or more vacancy threshold requirements and preferences; a data collection program determining job seeker characteristics and preferences based on individualized information captured from a user interface instantiated on a job seekers individual computing communication device, wherein the determined job seeker characteristics are incorporated into job seeker parameters utilized by the matching program; a data collection program determining vacancy threshold requirements and preferences based on individualized information captured from a user interface instantiated on a recruiters individual computing communication device, wherein the determined vacancy characteristics are incorporated into vacancy parameters utilized by the matching program; a data collection program that collects the PIN code in which the job-seeker resides and the PIN code in which the place of prospective work is located; a geo-mapping program that looks up the latitude and longitude of the PIN codes thus collected and calculates the distance between the two based on the database of the relative spatial location and provides the proximity information to the matching program;

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.102/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : ASSEMBLY & PROCESS FOR WICK PROOFING CHAFER FABRIC

(51) International classification	:D03D 15/00	(71) <b>Name of Applicant :</b> <b>1)MECORDS INDIA LTD. (MIL)</b>
(31) Priority Document No	:NA	Address of Applicant :216, SWASTIK CHAMBERS, SION
(32) Priority Date	:NA	TROMBAY RD, CHEMBUR, MUMBAI - 400071 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MEHTA AJIT GOPALDAS</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes an assembly for use in the chafer clipping line, for impregnation and wick proofing of chafer fabric, when chafer fabric is dipped in wick proofing solution and a process thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2155/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPIN COATING EQUIPMENT AND METHOD THEREOF

(51) International classification	:B05D1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)BETKAR MAHESHWAR MALLIKARJUN</b>
(32) Priority Date	:NA	Address of Applicant :SHIVAI, GOKUNDA, TQ.
(33) Name of priority country	:NA	KINWAT, DIST. NANDED, PIN 431811. Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BETKAR MAHESHWAR MALLIKARJUN</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns equipment for depositing the thin films by spin coating technique and method thereof. The equipment and deposition method advantageous in that, the integrated embodiment bi-directional D.C. motor successfully optimizes the uniform chemical field distribution onto the surface to be deposited, which improves the morphology of synthesized thin films. The external graduated chemical bath is employed for adding the experimental precursor externally during spinning deposition process, without exposing to the reaction ambience inside the housing. The reaction ambience inside the housing is well isolated from the outside atmosphere by exhausting air for creating the toxic free surrounding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1729/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN AUTOMATIC SEGMENT GATE

(51) International classification	:E02B7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)GODBOLE PRASHANT PRABHAKAR</b>
(32) Priority Date	:NA	Address of Applicant :2/B, BUTY PLOTS,
(33) Name of priority country	:NA	DHARAMPETH, NAGPUR - 440 010 MAHARASHTRA
(86) International Application No	:NA	STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GODBOLE PRASHANT PRABHAKAR</b>
(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 meant for use on spillways of dams as well as on weirs and barrage on rivers. It utilizes the water pressure acting on the gate as a motive force to open the gate, and allows the self weight of the gate to act as a motive force to close the gate automatically, in response to rise and fall of upstream water levels. It does not involve floats and/or external counterweights attached to end arms of gates like other automatic radial or segment gates, and hence is very compact in nature. It consists of a pair of trunnion girders, a pair of end arms and a shell type gate leaf, formed by a flat upstream plate and a curved downstream plate. The gate leaf is supported at its two ends by a pair of end arms with hubs for hinge at one end. The hinge axles are supported by a pair of trunnion girders which are in turn supported by R.C.C. piers. The first novelty of the invention lies in the provision of two skin plates to gate leaf instead of one. The upstream skin plate is made in the form of a rectangular flat plate, while the downstream skin plate is made in the form of a part of cylindrical shell. Because of flat upstream skin plate, the water pressure acting on the gate gives rise to an opening moment and there is no need for a float or a variable counter weight for providing opening moment for automatic operation of gate. The second novelty of this invention lies in provision and placement of an internal counterweight (on the central horizontal girder between the two skin plates), to balance the opening moment due to water load and closing moment due to self weight of gate (including weight of counterweight) in different gate positions. The internal counterweight remains concealed from view and because of its small volume, makes the gate compact.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1118/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : SEALING DEVICE FOR INTEGRAL SHAFT BEARINGS

(51) International classification	:F16J15/00, F04D29/00	(71) <b>Name of Applicant :</b> <b>1)RING PLUS AQUA LTD.</b> Address of Applicant :A-16/17, STICE, AT POST. MUSALGAON, TAL. SINNAR, DIST. NASHIK - 422112, Maharashtra India
(31) Priority Document No	:NA	<b>2)PERFECT POLYMERS</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)KATAKKAR, LAXMAN PRABHAKAR</b>
(86) International Application No	:NA	<b>2)TAK, KAMLA KAR BHAULAL</b>
Filing Date	:NA	<b>3)SHRIMALI, ROHIT RAMESH</b>
(87) International Publication No	: NA	<b>4)NAMANE, MUKUND PRALHAD</b>
(61) Patent of Addition to Application Number	:NA	<b>5)CHANGELA, RAJNIKANT MAGANLAL</b>
Filing Date	:NA	<b>6)CHANGELA, RAJEN RAJNIKANT</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing seal for preventing intrusion of water as well as other foreign material inside a bearing to protect rolling elements contained in the bearing is disclosed. It comprises a slinger lip with inclined axial portion & spiral serrations having a slinger, a slinger body and a lip portion; and a sealing member having plurality of lip portions. The inclined axial portion of the slinger lip deflects the water as well as other foreign material from entering into the bearing, thereby preventing the contamination of the bearing. The sealing member, with specific arrangement of the lip portions forming K type seal, along with the slinger lip with inclined portion form four stages of prevention of water as well as other foreign materials from entering into the bearing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1276/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AXIL FLOW DUAL ROTATION TURBINE SYSTEM

(51) International classification	:F01D25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)KISHAN SINGH GURDIT SINGH WILKHOO</b>
(32) Priority Date	:NA	Address of Applicant :C/O. G. S. WILKHOO
(33) Name of priority country	:NA	ENTERPRISES, BEHIND CITY GOLD MULTIPLEX,
(86) International Application No	:NA	SABARMATI, AHMEDABAD Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)KISHAN SINGH GURDIT SINGH WILKHOO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The system consists of inlet chest (shown in orange) with either double or single axial flow path. The system removes the fixed blades to reverse the flow after each stage as in conventional system. Instead the reversing blades (middle casing rotor) (Shown in grey) are also rotating to produce energy along with conventional rotor (Shown in yellow). At the end we can have back pressure or discharging into vacuum in condensing mode. Extraction can be achieved at suitable point in between the system. The whole system is housed in a third casing (shown in brown).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2153/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : RESISTIVITY MEASURING EQUIPMENT AND METHOD THEREOF

(51) International classification	:G01R27/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)BETKAR MAHESHWAR MALLIKARJUN</b>
(32) Priority Date	:NA	Address of Applicant :SHIVAI, GOKUNDA, TQ.
(33) Name of priority country	:NA	KINWAT, DIST. NANDED, PIN_431811. Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BETKAR MAHESHWAR MALLIKARJUN</b>
(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 technology of the present invention based on the measuring and comparing the resistivity principle of the four-probe method to test and to compare the thin-film thermoelectric material resistivity by improving it with multiple probes. The equipment overcomes the unequal contact resistance issue in connection of positioning the probes, and to improve the speed and accuracy of the film resistivity measurements. The equipment configured to measure the thermoelectric material thin film resistance values simultaneously on plurality of thin film samples, and can be operated on a wide range of substrate temperatures. Unique and useful feature of the invention is that, the thermoelectric material resistivity can be measured and compared simultaneously of different length or shaped thin film substrates and mostly measures accurate resistivity in considerably reduced timings.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2154/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : THERMO-ELECTRIC POWER MEASURING EQUIPMENT AND METHOD THEREOF

(51) International classification	:G01R29/00	(71) <b>Name of Applicant :</b> <b>1)BETKAR MAHESHWAR MALLIKARJUN</b> Address of Applicant :SHIVAI, GOKUNDA, TQ. KINWAT, DIST. NANDED, PIN_431811. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)BETKAR MAHESHWAR MALLIKARJUN</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The technology of the present invention intended for the measuring and comparing the thermoelectric power based on principle of the four-probe method to test and to compare the thermoelectric material thin film thermoelectric power by improving it with multiple probes. The equipment overcomes the unequal contact electrical resistance issue in connection of positioning the probes, and to improve the speed and accuracy of the film thermoelectric power measurements. The equipment configured to measure the and compare the thermoelectric power of thermoelectric material thin film values simultaneously on plurality of thin film samples, and can be operated on a wide range of substrate temperatures. Unique and useful feature of the invention is that, the thermoelectric power of thermoelectric material can be measured and compared simultaneously of different length or shaped thin film substrates and mostly measures accurate thermoelectric power in considerably reduced timings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2419/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : ORTHODONTIC APPLIANCE WITH VARIABLE BRACKET SLOT SIZE

(51) International classification

:A61C

(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. SRINIVAS R. BOGAVILLI**

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SRINIVASA PLAZA, BEHIND MURUGAN TOWERS,  
N.A.D KOTHA ROAD, N.A.D POST, VIZAG, 530 009  
Andhra Pradesh India

(72)Name of Inventor :

**1)DR. SRINIVAS R. BOGAVILLI**

(57) Abstract :

A method for simultaneously expressing multiple tasks on teeth is disclosed. The method comprises of bonding/replacement of one or more orthodontic brackets for correction of one or more tooth. The variable slot of the one or more orthodontic brackets configured to engage an arch wire of various size. The method further comprises of one or more flexible extensions in a labio-lingual direction extending from interior edges of mesial and distal ends of occlusal and gingival walls of the arch wire slot to control the arch wire in labio-lingual direction. The slot walls are enabled to move in equal proportions towards the center of the slot to control the movement of the arch wire in occluso-lingual direction. The orthodontic bracket with variable slot size further comprises of disposed slot wall on either side of the interior of the bracket adapted to receive arch wire and a means for selectively narrowing the width of the arch wire slot depending on the correction required for a corresponding tooth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2494/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : DISCOVERY OF HYBRID NETWORK AND ~BYOD™ DEVICES IN THE ENTERPRISE NETWORK

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)HCL Technologies Limited</b>
(32) Priority Date	:NA	Address of Applicant :50-53 Greams Road, Chennai-
(33) Name of priority country	:NA	600006, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Shashidhar K</b>
(87) International Publication No	: NA	<b>2)Mukta Agarwal</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Navneet Kaur</b>
Filing Date	:NA	<b>4)Shailender Govil</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein relate to device detection in an enterprise network and, more particularly, to detecting IPv4, IPv6, and dual stack devices in the enterprise network. The system initially identifies the IP addresses of all routers present in the enterprise network being monitored. The technique that involves finding IPv6 routers or dual stack routers with IPv6 addresses is sending ICMPv6 echo request for multicast address and fetching routers reply from corresponding IPv6 networks. SNMP or DCHP techniques are used to build the IP list of IPv4 routers or dual stack routers with IPv4 networks. Further, the enterprise network is scanned continuously at given intervals of time to get the list of latest communicating nodes. Finally a router database with active device IP list is prepared in memory. Further various device parameters of the identified devices are fetched.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2497/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR IMPLEMENTING DATABASE REPLICATION CONFIGURATIONS USING REPLICATION MODELING AND TRANSFORMATION

(51) International classification	:G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition 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 :Doddakannelli, Sarjapur Road,  
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(72)**Name of Inventor :**  
**1)Velmurugan Srinivasan**

(57) Abstract :

A reverse engineering database replication data system is disclosed. In one embodiment, the replication data system receives an input of replication configuration data for a plurality of databases and builds memory models based on metadata accessed from the plurality of databases, which are then transformed to a first platform-specific replication model. Then, based on the first platform-specific replication model, a first universal replication model is configured, which is used to create a replication visual model using the rendering canvas. A user may modify the first universal replication model using the replication visual model to create a second universal replication model, which is then transformed to a second platform-specific replication model. Finally, scripts are generated for the second platform-specific replication model, which are then provided to a memory device.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTERMEDIARY RECRUITING PLATFORM AND CROWDSOURCING METHOD FOR CONDUCTING INTERVIEWS

(51) International classification :G06Q  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)SRI ARARDHI**  
**2)KRANTHI VEMPATI**  
**3)PANKAJ KANKATTI**  
**4)MURTHY ARADHI**  
**5)SUMAN KONKUMALLA**

(57) Abstract :

An intermediary recruiting platform for conducting interviews through crowdsourcing is disclosed. The method includes enabling an employer registered with an intermediary recruiting platform to post a job vacancy with a plurality of job prerequisites and upload a plurality of resumes of candidates to a resume management database, displaying the resumes and the job prerequisites corresponding to the job vacancy posted by the registered employee in an authenticated interviewer account. The method further includes transmitting an interview scheduling message comprising a time and date to the candidates for confirming the availability of the candidates to take an interview, dynamically initiating an interview by enabling the candidate and the interviewer to readout phrases provided by the voice biometric interface to determine the authenticity before initiating the telephonic interview. The method further includes posting a review and a result of the conducted interview by the authenticated interviewer to the employer.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1418/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMPROVING COMPONENT LIFE WITH PRE INDUCED COMPRESSIVE STRESS

(51) International classification :B23P  
(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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Chengalpattu - 603 204 Kanchipuram Dist, Tamil Nadu India  
(72)**Name of Inventor :**  
**1)ARUN MAHAJAN**  
**2)DINESH S REDKAR**

(57) Abstract :

A method (200) for reducing the stress by inducing a predetermined load is disclosed. The method includes providing a first coupling member (101) and a second coupling member (102) having an aligned opening (103) to receive a fastening member (104) (step (202)). Further, the method includes fastening said fastening member (104) to said first coupling member (101) and said second coupling member (102) through the openings (103) to prevent relative movement between the coupling assembly (100) (step (204)).

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2417/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : EFFECTIVE GEAR MECHANISM FOR INDIVIDUAL WING ACTUATION

(51) International classification

:B64C

(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)SHAIK HAMEED .A**

Address of Applicant :105/1, 6TH STREET, SENTHIL  
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Nadu India

**2)SRENIVASAN.S**

**3)SRIRAM KUMAR. P**

**4)BALAJI.D**

(72)Name of Inventor :

**1)SHAIK HAMEED .A**

**2)SRENIVASAN.S**

**3)SRIRAM KUMAR. P**

**4)BALAJI.D**

(57) Abstract :

The gear mechanism is used to engage and dis-engage the wing from the motor with help of a linear servo actuator. This gear mechanism is designed mainly to have an individual flapping wing by eliminating individual motor flapping mechanism and also to reduce weight of the Micro Air Vehicle (MAV).

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2575/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTROLLED MTB DRUG DELIVERY BY MULTIBLOCK COPOLYMER NANOPARTICLES

(51) International classification	:A61K9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)THE REGISTRAR</b>
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY OF MADRAS,
(33) Name of priority country	:NA	CHEPAUK CAMPUS, CHENNAI - 600 005 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)S. BALASUBRAMANIAN</b>
(87) International Publication No	: NA	<b>2)M. GAJENDIRAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Biodegradable polyesters are important in the field of drug delivery, especially the biodegradable amphiphilic multiblock copolymers find extensive application in the field of drug delivery. Due to their amphiphilic nature they exhibit the capability to act as an efficient drug carrier for both hydrophilic as well as hydrophobic drugs. Mycobacterium Tuberculosis (MTB) is one of the dreaded diseases in the world which needs multi drug delivery (MDD). In the present investigation, the malic acid-co-PEG (MAP) was copolymerized with the copolyester PLGA with different weight ratios to get a series of multi blocks copolymers. The copolymers have been employed to prepare the tuberculosis drug rifampicin (RIF), isoniazid (INH) and pyrazinamide (PYZ) loaded polymer nanoparticles (NPs). The size of the nanoparticles lies in between 100-500 nra. The drug loading efficiency of the nanoparticles is found to be 10 % - 90 % and the drug content varies between 5 % -25 %. The drug loaded NPs exhibit the drug release up to 72-460h in controlled manner.

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



(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : ONLINE PROPERTY SPOT EXCHANGE [OPSE]

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DR. VELMURUGAN. PS**

Address of Applicant :ASSISTANT PROFESSOR IN  
COMMERCE, FULBRIGHT POSTDOCTORAL FELLOW,  
SCHOOL OF MANAGEMENT, PONDICHERRY  
UNIVERSITY, R.V. NAGAR, KALAPET - 605 014  
Pondicherry India

**2)B. MUTHUPANDIAN**

(72)Name of Inventor :

**1)DR. VELMURUGAN. PS**

**2)B. MUTHUPANDIAN**

(57) Abstract :

In the proposed OPSE Ecosystem, we invent and suggest the government to create a new Regulator viz, Property Exchange and Regulatory Authority of India [PERAI] and its functionalities. Claim #2; In the proposed OPSE Ecosystem, we invent and propose a Central

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2561/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : WALKING AID CAPABLE OF ALERTING ABOUT ITS POTENTIAL BREAKDOWN

(51) International classification	:A45B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SHARMA Mirtunjay**  
Address of Applicant :Flat No:109 Srimitra Estates Block A,  
94/2 Sanjeevappa Layout,10th Cross Nagawara Palya,C V  
Raman Nagar,Bangalore, India Karnataka India  
**2)SINGH Abhijit**  
(72)**Name of Inventor :**  
**1)SHARMA Mirtunjay**  
**2)SINGH Abhijit**

(57) Abstract :

A walking aid capable of alerting about its potential breakdown. The walking aid includes at least one sensor (202) configured to detect amount of deflection occurring in the walking aid. Further, a microprocessor (204) is provided. The microprocessor (204) is configured to: receive data corresponding to amount of deflection occurring in the walking aid, compare the amount of deflection occurring in the walking aid with corresponding threshold value, and instruct communication of alert corresponding to potential breakdown of the walking aid or possible negative impact on the longevity of the walking aid, if the amount of deflection is greater than the corresponding threshold value. Further, a communication unit (206) is provided, which is configured to communicate the alert based on the instruction received from the microprocessor (204).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2540/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TEST DATA GENERATION AND OPTIMIZATION FOR DATA DRIVEN TESTING

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)WIPRO LIMITED</b>
(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	<b>1)Sourav Bhattacharya</b>
(87) International Publication No	: NA	<b>2)Anoop Rajan</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system, medium and method for automatically generating test data to be applied to test a target software code is disclosed. Input parameter data is received from a user via a displayed user interface, wherein the input parameter data is directed to a user selected data type, the data type being a Boolean, string, or integer. One or more pre-established stored testing algorithms is automatically selected based on the user selected data type and one or more values are applied to the selected one or more pre-established stored testing algorithms in accordance with user selected data type. At least one set of test data from the one or more identified applicable testing algorithms is automatically generated, wherein the at least one set of test data generated from the identified testing algorithms can be used as inputs for testing the target software code.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2541/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR OPERATING LOCKS

(51) International classification	:E05B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)DODDAMANI Shashanka**

Address of Applicant :Nandhikeshwara nilaya, Kudreppady,  
Maippady, Kasaragod, Kerala India

**2)ABBOY Raghav**

**3)DANDIGANAHALLI CHANNAPPA Tejas**

(72)**Name of Inventor :**

**1)DODDAMANI Shashanka**

**2)ABBOY Raghav**

**3)DANDIGANAHALLI CHANNAPPA Tejas**

(57) Abstract :

A system and method for operating locks, wherein the system comprises an input device (100) and a lock controller (200), wherein the lock controller (200) is configured to generate at least one pulse upon receiving a first input from the input device (100), and thereupon terminate the pulses upon receiving a second input from the input device (100). Further, the lock controller (200) compares the one or more pulses generated between the first input and the second input with existing information and then enables locking or unlocking the locking mechanism upon positive verification.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2202/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : A READY TO FIX ELECTRICAL DISTRIBUTION BOX COVER PLATE REINFORCED WITH A SUPPORTING BASE PLATE, TO SUIT EITHER A WOODEN OR A METALLIC BOX

(51) International classification	:E06B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SHRENIK KUMAR</b>
(32) Priority Date	:NA	Address of Applicant :C/O. SKAVA ELECTRIC LIMITED,
(33) Name of priority country	:NA	NO: 92-2, 1ST FLOOR, 80 FEET ROAD, KATHRIGUPPE,
(86) International Application No	:NA	BANASHANKARI 3RD STAGE, BANGALORE - 560 085
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)SHRENIK KUMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Consisting of two parts, Base Plate (C) and Top Covering Plate (A). Base Plate and top plate have centrally cut rectangular slot that matches with each other (1 & 3). Base Plate (C) carries holes (5) at appropriate places for screwing the switches and also L Shape slots (4) at the four corners to accommodate screws to fasten the base plate to the frame of the distribution box. No such holes are provided on the Top Covering Plate, wherein the purpose of the top covering plate is to conceal the screw heads. The two plates are butted together by a pressure fit and the base plate seats at the rear side of the top plate, which has protrusions at four points (2), locking the base plate in position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1816/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : HERBAL PREPARATION TO PREVENT AND TREAT COMMON COLD, AIR POLLUTION EFFECTS, ASTHMA AND COPD.

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)NIDAMARTHI HIMABINDU</b>
(32) Priority Date	:NA	Address of Applicant :D/O. DR. MOORTHY V. N.
(33) Name of priority country	:NA	NIDAMARTHI 6-5-32, OPP. TALUK OFFICE, MAIN ROAD,
(86) International Application No	:NA	INNESPETA, RAJAHMUNDRIY - 533 101 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)NIDAMARTHI SAKUNTHALA BHARGAVI</b>
Filing Date	:NA	<b>2)NIDAMARTHI HIMABINDU</b>
(62) Divisional to Application Number	:NA	<b>3)NIDAMARTHI VENKATA NARASIMHA MOORTHY</b>
Filing Date	:NA	

(57) Abstract :

Product from Naturals to help prevent/treat Common cold/Flu/Allergic Rhinitis, Asthma attacks, to help COPD patients and to help prevent hazardous short term and long term effects of Air Pollution. An emulsified cream of special blend of oils and solution of specific herbs obtained through maceration and distillation process under lower temperature for helping in preventing, reducing the severity, reducing the frequency, curtailing the course of common cold/flu/allergic rhinitis, Asthma attacks, reducing the breathlessness in COPD patients, prevention of hazardous short term and long term effects of Air Pollution, reducing the intake of antibiotics, anti histamines and other medications thereby reducing the financial burden on families, states and the Nations has been developed with broncho dilator, anti inflammatory, mucolytic, anti allergic, anti pruritic, immuno modulator and filtering activities for the benefit of billions of suffering humanity in an easy to use form with no requirement of technicalities/devices .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3502/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF CHICKEN-GONGURA PICKLE AND CHICKEN SOUP

(51) International classification

:A23L

(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)BASAPPA MAHESWARAPPA NAVEENA**

**2)MUTHUPALANI MUTHUKUMAR**

**3)MUTHUSAMY MUTHULAKSHMI**

**4)CHITIMALLA RAMAKRISHNA**

**5)ARUP RATAN SEN**

**6)YELLAMELLI BABJI**

(57) Abstract :

The invention provides an effective process for extraction of meat and broth from deboned chicken frames/ bones, treating chicken frames with poly phosphate and process for preparation of chicken pickle using a natural acidifier in place of vinegar. The invention also provides the process for preparation of chicken soup using chicken frame.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2334/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PACKAGING PROCESS FOR IMPROVING THE SHELF-LIFE OF MEAT

(51) International classification	:A23B	(71) <b>Name of Applicant :</b> <b>1)NATIONAL RESEARCH CENTRE ON MEAT (NRCM)</b>
(31) Priority Document No	:NA	Address of Applicant :NATIONAL RESEARCH CENTRE
(32) Priority Date	:NA	ON MEAT (NRCM) (INDIAN COUNCIL OF
(33) Name of priority country	:NA	AGRICULTURAL RESEARCH), CHENGICHERLA, PO
(86) International Application No	:NA	BOX NO.19, BODA UPPAL POST, HYDERABAD, 500 092
Filing Date	:NA	Andhra Pradesh India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)BASAPPA MAHESWARAPPA NAVEENA</b>
Filing Date	:NA	<b>2)ARUP RATAN SEN</b>
(62) Divisional to Application Number	:NA	<b>3)MUTHUPALANI MUTHUKUMAR</b>
Filing Date	:NA	<b>4)SUBBAIAH VAITHIYANATHAN</b>

(57) Abstract :

Invention provides an economical, fast and effective packaging process for improving the shelf life of fresh deboned buffalo meat. The invention provides for a process of ackaging for improving the shelf-life of fresh buffalo meat comprises the steps of chilling and deboning of the meat, forming meat streaks of uniform size, vacuum packaging, applying blast chilling, storing at -1 to -1.5 °C and subsequent distribution at -1.0 °C.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2573/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHODS FOR MANAGING THREADS WITHIN AN APPLICATION AND DEVICES THEREOF

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)WIPRO LIMITED</b>
(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	<b>1)Maheshwaran Govindarajeswaran</b>
(87) International Publication No	: NA	<b>2)Arun Jeyaprasad</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This technology relates to assigning a task to a current task queue based on one or more matching category when a new task is received within an application for execution. Availability of one or more existing idle threads within one or more thread groups required for the execution of the received task is determined based on one or more utilization parameters, where each of the thread groups is associated with one or more task queues and where the current task queue is one of the task queues. One or more new threads are created to allocate for execution of the task when the existing idle threads are determined to be unavailable in the thread groups within the application. Next, the created new threads are allocated to the task when the existing idle threads are determined to be unavailable. The task is executed using the allocated new threads.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2549/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVI HIGH TECH SUPER SAFETY ECO CHIMNEY

(51) International classification

:F28D

(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)G NAGARAJ**

Address of Applicant :2/245, VANI NAGAR,  
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TIRUCHENGODE T.K, NAMAKKAL D.T, ERODE-638 007.  
Tamil Nadu India

(72)Name of Inventor :

**1)G NAGARAJ**

(57) Abstract :

The foundation will be designed according to the soil condition as wt. of the foundation.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2447/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR AUTOMATING AND DYNAMICALLY TESTING GESTURE RECOGNITION APPLICATION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)HCL Technologies Limited</b>
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd. 50-53
(33) Name of priority country	:NA	Greens Road, Chennai 600006, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Rajesh Babu Suraparaju</b>
(87) International Publication No	: NA	<b>2)Krishna Bharat Yedla</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Bala Arvind Ganesan</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for dynamically testing a gesture-enabled graphical user interface (GUI) application. The method includes creating gesture template(s) indicating gesture characteristic(s), receiving test script including the gesture characteristic, and retrieving the gesture template corresponding to the test script. Further, the method includes translating the retrieved gesture template into a gesture, triggering the gesture-enabled GUI application to respond in accordance to the gesture, and generating a test report based on the response in order to validate the gesture-enabled GUI application.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2617/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR PROVIDING PERSONALIZED AND CONFIDENTIAL DATA MANAGEMENT AND SHARING SERVICES

(51) International classification	:G06Q, G06F	(71) <b>Name of Applicant :</b> <b>1)JYOTH SINGH KOHLI</b> Address of Applicant :D-801, FORTUNE TOWERS, MADHAPUR, HYDERABAD - 500 081 Andhra Pradesh India <b>2)PARMINDER SINGH KOHLI</b>
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)JYOTH SINGH KOHLI</b> <b>2)PARMINDER SINGH KOHLI</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for providing personalized and confidential data management and sharing services to the subscriber are disclosed. The method includes enabling an individual to register with a personalized and confidential data management and sharing system to become a subscriber. The subscriber may enter personalized and confidential data and designate recipients to receive personalized and confidential data and upload photographs of the recipients. The method includes determining the existence of the subscriber by tracking the visiting/login history of the subscriber at regular intervals, transmitting communication messages to the personalized digital account of the subscriber upon identifying the subscriber not logging in to the subscriber account and establishing a voice call with the contact number of the subscriber and/or the affiliates to confirm the demise/existence of the subscriber. The method includes confirming the demise of the subscriber and transmitting a link and password and confirming the identity of the designated recipients through video conference to view or download the data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2618/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM, DEVICE AND METHOD FOR DISPLAYING MARKETING CONTENT OVER A WEARABLE ELECTRONIC DEVICE

(51) International classification	:G06Q, G06F	(71) <b>Name of Applicant :</b> <b>1)PENTAKOTA VAMSI</b>
(31) Priority Document No	:NA	Address of Applicant :LAKSHMINAGAR, NEAR WATER
(32) Priority Date	:NA	TANK, GOPALA PATNAM, VISAKHAPATNAM - 530 027
(33) Name of priority country	:NA	Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PENTAKOTA VAMSI</b>
(87) 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 :

Exemplary embodiments of the present disclosure are directed towards a system, device and method for displaying marketing content over a wearable electronic device. The system includes a wearable electronic device including a marketing content displaying unit comprising a user interface enabled to display one or more marketing contents, a location tracking unit communicating with the marketing content displaying unit for tracking a current geographical location of the wearable electronic device, a local repository unit communicating with the marketing content displaying unit and the location tracking unit to dynamically push the one or more marketing contents corresponding to the tracked location of the wearable electronic device. The system also includes a centralized repository unit in communication with the wearable electronic device to dynamically push the one or more marketing contents stored in a centralized server corresponding to the predetermined geographical locations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2495/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING BROADCAST PROGRAM RECOMMENDATIONS IN A DIGITAL TELEVISION SYSTEM

(51) International classification	:H04N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)WIPRO LIMITED**  
Address of Applicant :Doddakannelli, Sarjapur Road,  
Bangalore 560035, Karnataka, India.

(72)**Name of Inventor :**  
**1)Ranjith Ramakrishnan**  
**2)Nisa K S**  
**3)Liju George**

(57) Abstract :

The disclosure generally relates to media broadcast technologies, and more specifically relates to a method and system for providing broadcast program recommendations in a digital television system. In one embodiment, a processor-implemented broadcast program recommendation method is disclosed, comprising: storing a user profile including a user interest pattern; tuning to a program channel not currently provided for display, using a tuner; extracting a snippet from the program channel; comparing, using a processor, the snippet with the user interest pattern, to identify a match; determining that the match is valid; and providing by the processor a notification of the match. The user interest pattern may comprise at least one of: a still image, a video clip, an audio clip, and a text pattern. The user profile may be created via selecting at least the user interest pattern from one of: a network source; and a user device.

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1968/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO THE AUTOMATED COLLECTION OF BLOOD, ITS PROCESSING, SEPARATION AND INFUSION TO THE DONOR AND RECIPIENTS

(51) International classification	:C08K5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHEMBUMKULAM SREEDHARAN BHASKARAN
(32) Priority Date	:NA	NAIR
(33) Name of priority country	:NA	Address of Applicant :SREEDEVI TEMPLE JUNCTION
(86) International Application No	:NA	SASTHAMANGALAM, TRIVANDRUM - 695 010 Kerala
Filing Date	:NA	India
(87) International Publication No	: NA	2)CHANDRASEKHAR BALAGOPAL
(61) Patent of Addition to Application Number	:NA	3)CHANDRASEKHAR PADMAKUMAR
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)CHEMBUMKULAM SREEDHARAN BHASKARAN
Filing Date	:NA	NAIR
		2)CHANDRASEKHAR BALAGOPAL
		3)CHANDRASEKHAR PADMAKUMAR

(57) Abstract :

This invention relates to a PVC based formulation for use effectively on making blood storage bags and blood collecting bags, wherein the PVC is novel being plasticized with DINCH.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2603/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : REFLECTOR MODULE

(51) International classification	:F21V
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)AMMISETTI Venkateshwara Rao**

Address of Applicant :SLV ENGINEERING No. 31, 9th  
Cross, Patel Channappa Industrial Estate, Andrahalli Main  
Road, Near Peenya II Stage, Bangalore 560091, India

(72)**Name of Inventor :**

**1)AMMISETTI Venkateshwara Rao**

(57) Abstract :

A reflector module configured to be engaged with a W beam (400) of a crash barrier is provided. The reflector module includes a body configured to fit into an inward curve of the W beam (400). Further, a reflector sheet (204) is engaged with at least one surface of the body, wherein the surface faces oncoming traffic. An engagement mechanism (208) is provided in the reflector module, to enable engagement of the reflector module with the W beam (400).

No. of Pages : 21 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2425/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SIMPLE DEVICE TO COLLECT FRESH AND HYGIENIC NEERA (INFLORESCENCE SAP) FROM COCONUT TREE

(51) International classification	:A01G	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL</b>
(32) Priority Date	:NA	<b>RESEARCH</b>
(33) Name of priority country	:NA	Address of Applicant :DIRECTOR, CENTRAL
(86) International Application No	:NA	PLANTATION CROPS RESEARCH INSTITUTE,
Filing Date	:NA	KASARAGOD, 671 124 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)KUKKEHALLI BALACHANDRA HEBBAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Neera or inflorescence sap of coconut and other sap yielding plants is a nutritious drink. It is rich in sugars, minerals, proteins, vitamins, antioxidants, volatiles etc. For the collection of this neera, a device is developed which keeps it fresh and hygienic. It is cheap and can be prepared from locally available material, easy to handle and to clean after use. It consists of a plastic or PVC connector of different diameters (35 to 65 mm), according to the size of the inflorescence. Sharp edged grooves of 3 mm are made at the open end of the connector, which fits into the inflorescence, while the other end of the connector is closed. A hard tapering tubular adaptor of 10 mm diameter fitted 20 mm above the grooved end of the connector, drains the sap to the plastic pipe of 12 mm diameter connected at the other end, which transports the neera produced to the collecting container. The neera collection containers- zipped bag or screw capped bottle (capacity 1000 to 1500 ml) are housed in an ice box for keeping the sap fresh. The neera, thus obtained is hygienic, fresh and healthy, ready to serve natural drink and can be used for the preparation of natural coconut sugar, jaggery or honey without the addition of lime or other chemicals

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2461/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : SOLAR POWER GENERATOR AND DESALINATION SETUP EMPLOYING LOW POWER SUN TRACKING MECHANISM

(51) International classification	:F24J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)M. KISHORE ABISHEK</b>
(32) Priority Date	:NA	Address of Applicant :131/2,EMERALD FLATS,
(33) Name of priority country	:NA	THIRUMANGALAM, ANNA NAGAR WEST, CHENNAI -
(86) International Application No	:NA	600 040 Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)M. KISHORE ABISHEK</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The basic principle of the setup is steam generation by solar superheating of seawater, thus powering a steam engine to generate electricity and producing distilled water in the process. Fresnel lens or concave mirror does the solar heating. Superheating of the steam is done by heating the steam generated by the first Fresnel lens or concave mirror by a series of Fresnel lens or concave mirror (heating element). This is done by heating solar tubes or solar receivers into which the first heating element produces the steam. The main component of this setup is desalination ball. The desalination ball is a component, which generates steam by solar heating the seawater, thus generating steam and high concentration salt water that is disposed out of the desalination ball.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2516/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : SAFE AND ECO FRIENDLY TRAIN TRACTION SYSTEM WITH AIR CUSHION FOR LIFT, AND WITH HORIZONTALLY MOUNTED ALL WHEEL DRIVEN TRACTION FOR MOBILITY WITH NO RAILS

(51) International classification

:B60K

(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. GIRIDHARAN**

Address of Applicant :NEW 15, OLD 22 VINAYAGAR  
KOIL STREET, AYYAVOO COLONY, AMINJIKARAI,  
CHENNAI - 600 029 Tamil Nadu India

(72)Name of Inventor :

**1)K. GIRIDHARAN**

(57) Abstract :

The present invention offers a path to widespread use of safe and eco friendly train traction wherein chance of derailment is completely eliminated and wherein even in the event of failure of few traction wheel stations during run, the train remains mobile with absolute safety even at high speeds. The present invention describes a novel and safe method of train traction wherein the lift from the ground is achieved by air cushion similar to hovercraft model. Horizontally mounted all wheels driven traction motor drive powered by overhead electrification is used for mobility to maintain high power to weight ratio and faster acceleration. In the present invention, no rail but just a flat surface on the vertical side walls of the simple traction bed is used. This eliminates the enormous cost of laying the complex and expensive railway tracks. Other advantages include the lack of exhaust fumes and carbon emissions at point of use especially in countries where electricity comes primarily from non-fossil sources, less noise, lower maintenance requirements of the traction units. In case, where the availability or laying the overhead electrification is an issue, especially where tunnels and bridges and other obstructions have to be altered for clearance, the present invention has the potential to adopt alternate power sources such as petrol or diesel or gas turbine or jet engines or hybrid power sources for traction. But ecological issues may have to be compromised in such cases. The present invention has a potentially wide scope to revolutionize urban and suburban railway traction (both passengers and goods) and long distance traction.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2637/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 28/06/2013

(54) Title of the invention : LOW COST HIGH EFFICIENCY WINDMILL ROTOR USING SAILS

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)CHITRAVELU VEERAMANI</b>
(32) Priority Date	:NA	Address of Applicant :F10, ASHOK MANOR, 84 & 85,
(33) Name of priority country	:NA	M.K.N. ROAD, ALANDUR, CHENNAI - 600 016 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)CHITRAVELU VEERAMANI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Low cost higher efficiency windmill rotors using sails is disclosed. The rotor uses sails (non-tearable lightweight fabrics / films / plastic sheets) which are strategically design integrated and engineered to function similar to the sails of sailboats moving in non-parallel directions of wind. These rotors are 1. An efficient converter of wind energy. 2. Light in weight. 3. Strong enough. 4. Having a bigger working area in its sweep area for higher power. 5. Easily manufacturable (simple) 6. Cost effective. 7. Easy to handle (for transporting, assembling, keeping, replacing, etc., etc..) Four variations (PRIME, STAR MODIFIED, BUCKET, REAL TURBINE) are developed which are very cost effective and highly efficient that can be used by individual homes & farmers to corporate firms at any size of business / need.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.185/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD OF PRODUCTION OF ACETIC ACID FROM WASTE CHEESE WHEY THROUGH A CONTINUOUS MEMBRANE-INTEGRATED HYBRID PROCESS

(51) International classification	:C07C51/12	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)PAL, Parimal</b>
(32) Priority Date	:NA	Address of Applicant :DS-12/C , NIT Durgapur Campus,
(33) Name of priority country	:NA	M.G. Avenue , Durgapur-713209 , 713209 West Bengal India
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	<b>1)PAL, Parimal</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a multi-stage membrane integrated fermentative acetic acid production process and system for continuous and direct production of acetic acid from waste cheese whey in fermentative process. The present invention particularly provides a four stage process involving ultrafiltration, micro-filtration, and nano-filtration for production of acetic acid with high enriched concentration.

No. of Pages : 33 No. of Claims : 15

## **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.3773/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

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(54) Title of the invention : A KIT FOR PARENTAGE VERIFICATION IN ZEBU CATTLE (BOS INDICUS)

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(51) International classification

:B08B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)**Name of Applicant :**

**1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)**

Address of Applicant :INDIAN COUNCIL OF AGRICULTURAL RESEARCH KRISHI BHAVAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110014, INDIA

(72)**Name of Inventor :**

**1)VIJH RAMESH KUMAR**

**2)BANERJEE PRIYANKA**

**3)JOSHI JYOTI**

**4)SHARMA UPASNA**

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(57) Abstract :

The present invention relates to a kit for determining the parentage in zebu cattle (*Bos indicus*) using microsatellite markers. A core set of 15 microsatellite markers from cattle genome database have been identified and are amplifiable in a single multiplex PCR reaction. Assuming one known parent the core set of markers provide exclusion probabilities of 0.99935 averaged across zebu cattle of all geographical regions of India. These markers are highly polymorphic, have high heterozygosity, located on different chromosomes and provide a high exclusion probability. The kit has been tested on 17 sires, 40 dams and their 40 progenies. The other components of the kit include normal PCR reagents and a standardised protocol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3774/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A KIT FOR PARENTAGE VERIFICATION IN CAMELS (SINGLE AND DOUBLE HUMPED)

(51) International classification	:B08B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL</b>
(32) Priority Date	:NA	<b>RESEARCH (ICAR)</b>
(33) Name of priority country	:NA	Address of Applicant :INDIAN COUNCIL OF
(86) International Application No	:NA	AGRICULTURAL RESEARCH KRISHI BHAVAN, DR.
Filing Date	:NA	RAJENDRA PRASAD ROAD, NEW DELHI-110114, INDIA
(87) International Publication No	:NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)VIJH RAMESH KUMAR</b>
Filing Date	:NA	<b>2)BANERJEE PRIYANKA</b>
(62) Divisional to Application Number	:NA	<b>3)JOSHI JYOTI</b>
Filing Date	:NA	<b>4)SHARMA UPASNA</b>

(57) Abstract :

The present invention relates to a kit for determining the parentage in Camel (Camelus dromedarius and Camelus bactrianus) using microsatellite markers. A core set of 15 microsatellite markers have been identified and are amplifiable in a single multiplex PCR reaction. Assuming one known parent the core set of markers provide exclusion probabilities of 0.999940 averaged 6 breeds/ populations of camels and also double humped camel from Leh (Nubra valley). These markers are highly polymorphic, have high heterozygosity and provide a high exclusion probability. The kit has been tested on 87 camels (23 sires, 6 dams and 58 progenies) including one grand sire family. The other components of the kit include normal PCR reagents and a standardised protocol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3775/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A KIT FOR PARENTAGE VERIFICATION IN BUFFALOES (BUBALUS BUBALIS)

(51) International classification	:B08B	(71) <b>Name of Applicant :</b> <b>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)</b>
(31) Priority Document No	:NA	Address of Applicant :INDIAN COUNCIL OF AGRICULTURAL RESEARCH KRISHI BHAVAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110014, INDIA
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)VLJH RAMESH KUMAR</b>
(86) International Application No	:NA	<b>2)MISHRA BINA</b>
Filing Date	:NA	<b>3)BANERJEE PRIYANKA</b>
(87) International Publication No	:NA	<b>4)JOSHI JYOTI</b>
(61) Patent of Addition to Application Number	:NA	<b>5)SHARMA UPASNA</b>
Filing Date	:NA	<b>6)TANTIA MS</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a kit for determining the parentage in buffalo (Bubalus bubalis) using microsatellite markers. A core set of 15 microsatellite markers from cattle genome database have been identified and are amplifiable in a single multiplex PCR reaction. Assuming one known parent the core set of markers provide exclusion probabilities of 0.99978 averaged on 13 breeds/ populations of buffaloes from different geographical regions of India. These markers are highly polymorphic, have high heterozygosity, located on different chromosomes and provide a high exclusion probability. The kit has been tested on 12 sires and their 383 daughters belonging to half sib families. The other components of the kit include normal PCR reagents and a standardised protocol.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3776/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOVEL HARBAL FORMULATION FOR COMBATING PAIN AND INFLAMMATION

(51) International classification	:B08B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DIRECTOR GENERAL, DEFENCE RESEARCH &amp; DEVELOPMENT ORGANISATION</b>
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110005, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)ANURAG PANDAY</b>
Filing Date	:NA	<b>2)PRNOBESH CHATTOPADHYAY</b>
(87) International Publication No	:NA	<b>3)LOKENDRA SINGH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Herbal formulation having pain relieving and anti-inflammatory properties comprising: essential oil of Gaultheria fragrantissima, comprises from 08% to 17% by weight of said blend, essential oil of Rosmarinus officinalis comprises 01% to 05% by weight of said blend, essential oil of Syzygium aromaticum, comprises 01% to 1.5% by weight of said blend, essential oil of Vitex negundo, comprises 01% to 07% by weight of said blend, essential oil of Cinnamomum verum, comprises 0.1% to 01% by weight of said blend, essential oil of Origanum vulgare, comprises 01% to 04% by weight of said blend, essential oil of Eucalyptus globulus, comprises 01% to 05% by weight of said blend, essential oil of Pinus. Roxburghii, comprises 03% to 06% by weight of said blend, Oleoresin of Capsicum chinense Bhut Jolokia, comprises 0.0010% to 1.5% by weight of said blend, Vegetable ( fixed ) oil of Moringa oleifera, comprises 01% to 05% by weight of said blend, Vegetable (fixed) oil of Brassica nigra, comprises 01% to 05% by weight of blend, Vegetable (fixed) oil of Olea europaea, comprises 01% to 05% by weight of blend, Seeds of Trigonella foenum-graecum, comprises 01% to 09% by weight of blend, Seeds of Trachyspermum copticum, comprises 01% to 09% by weight of blend, Cloves of Allium sativum, comprises 02% to 10% by weight of blend, Petroleum Jelly, comprises of 01 to 05% by weight of blend, Lanolin, comprises of 12 to 20% by weight of blend, Stearic acid, comprises of 05 to 10% by weight of blend, Cetosteryl alcohol, comprises of 02 to 06% by weight of blend, Tween 80 (polysorbate), comprises of 0.1 to 02% by weight of blend, aloe vera, comprises of not more than 03% by weight of blend, Purified Water, comprises of not more than 05-75% by weight of blend.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3788/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : RAPID DETECTION OF GRAM NEGATIVE BACTEREMIA USING NOVEL NANO BIO-PROBE

(51) International classification	:A01J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Venus Remedies Limited</b>
(32) Priority Date	:NA	Address of Applicant :51-52 Industrial Area Phase-1
(33) Name of priority country	:NA	Panchkula Haryana 134113 India
(86) International Application No	:NA	<b>2)IMTECH</b>
Filing Date	:NA	<b>3)Panjab University</b>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)Manu Chaudhary</b>
Filing Date	:NA	<b>2)Suri Raman C.</b>
(62) Divisional to Application Number	:NA	<b>3)Rishi Parveen</b>
Filing Date	:NA	<b>4)Pandey Satish</b>

(57) Abstract :

The present invention relates to rapid detection of gram negative bacteremia by using a nano bio-probe wherein said nano bio-probe is generated by the conjugation between antibody against a pathogen/immunogen of gram negative bacteremia and gold nanoparticles. The present invention further relates to the process for the preparation of said nano bio-probe. The nano bio-probe of present invention is useful for rapid detection of antigen/immunogen present in clinical isolate.

No. of Pages : 36 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3821/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ORAL SUPPLEMENTATION FOR LIVER DISORDERS.

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AKUMS DRUGS &amp; PHARMACEUTICALS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC,
(33) Name of priority country	:NA	BLOCK-C, SARASWATI VIHAR, DELHI-34 India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. SANJEEV JAIN</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a oral supplement and an adjuvant therapy, which is used in the management of various liver disorders. Further, the invention consists of only nutraceutical ingredients, thus making the therapy free from side effects.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3824/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS AND CATALYST FOR THE DIRECT AND SELECTIVE CONVERSION OF PROPYLENE TO PROPYLENE OXIDE WITH MOLECULAR OXYGEN

(51) International classification

:G05C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**

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

(72)Name of Inventor :

**1)BAL RAJARAM**

**2)GHOSH SHILPI**

**3)SHANKHA SHUBHRA ACHARYYA**

**4)SARKAR BIPUL**

**5)PENDEM CHANDRASHEKAR**

**6)SINGHA RAJIB KUMAR**

(57) Abstract :

The present invention provides a process and catalyst for the direct and selective conversion of propylene to propylene oxide. The process provides a direct single step selective vapour phase oxidation of propylene to propylene oxide using molecular oxygen over Ag-W oxide catalysts. The process provides propylene conversion of 10-50% and selectivity for propylene oxide up to 100%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.219/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR THE EXTRACTION OF PHYTOCONSTITUENTS FROM PLANTS

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SOLANKI RENU
(32) Priority Date	:NA	Address of Applicant :LACHOO MEMORIAL COLLEGE
(33) Name of priority country	:NA	OF SCIENCE & TECHNOLOGY, PHARMACY WING,
(86) International Application No	:NA	SECTOR A, SHASTRI NAGAR, JODHPUR-342003,
Filing Date	:NA	Rajasthan India
(87) International Publication No	:NA	2)NAGORI BADRI PRASAD
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SOLANKI RENU
(62) Divisional to Application Number	:NA	2)NAGORI BADRI PRASAD
Filing Date	:NA	

(57) Abstract :

A process for the extraction of phytoconstituents from plant material using liquid nitrogen, wherein the plant material is Cynodon dactylon, said process comprising the steps of: (a) taking plant material and solvent for defatting in culture tubes and closing the culture tubes, wherein the solvent for defatting is petroleum ether; (b) dipping the culture tubes in a jar filled with liquid nitrogen for 5-10 minutes; (c) melting of frozen fatty substance present inside the culture tubes by dipping the culture tubes in warm water; (d) taking out the defatted plant material from the culture tubes and air drying it at room temperature; (e) taking the dried defatted plant material as obtained in step (d) in separate culture tubes, adding the solvent for extracting phytoconstituents in it and closing the culture tubes, wherein the solvent for extracting phytoconstituents is a mixture of alcohol and water in the ratio 40:60; (f) dipping these culture tubes in a jar filled with liquid nitrogen for 5-10 minutes; (g) melting of frozen substance present inside the culture tubes by dipping them in warm water; (h) taking out the extracted plant material and liquid extract from the culture tubes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3796/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR WATER TESTING AND WATER TESTING KIT

(51) International classification	:B03C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)PUNJAB AGRICULTURAL UNIVERSITY,</b>
(32) Priority Date	:NA	<b>LUDHIANA</b>
(33) Name of priority country	:NA	Address of Applicant :DEPARTMENT OF
(86) International Application No	:NA	MICROBIOLOGY, COLLEGE OF BASIC SCIENCES AND
Filing Date	:NA	HUMANITIES, PUNJAB AGRICULTURAL UNIVERSITY,
(87) International Publication No	:NA	LUDHIANA, 141 004, Punjab India
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SAHOTA PARAM PAL</b>
(62) Divisional to Application Number	:NA	<b>2)PANDOVE GULAB</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a sterile medium for cultivation and further detection of emerging bacteria. Further, there is also provided a Portable Water Testing Kit containing the sterile medium. A method for cultivation and detection of emerging bacteria using the Portable Water Testing Kit is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3797/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

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

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SRF LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :BLOCK-C, SECTOR 45, UNICREST
(33) Name of priority country	:NA	BUILDING, GURGAON, Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ARUMUGAM, GAGAPPAN</b>
(87) International Publication No	:NA	<b>2)SAXENA, RAHUL</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ANAND, RAJDEEP</b>
Filing Date	:NA	<b>4)SRIKANTH, DASNAMOORTHY</b>
(62) Divisional to Application Number	:NA	<b>5)MUKKU, NARASIMHA RAO</b>
Filing Date	:NA	<b>6)RAGURAMAN, T.S.</b>

(57) Abstract :

The present invention relates to a process for the preparation of monomethylhydrazine. More particularly, the present invention relates to a process for the preparation of monomethylhydrazine which comprises reacting under heating hydrazine hydrate with methanol and hydrochloride(gas).

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.874/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :07/07/2003

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ABSORBER PIPE

(51) International classification	:F28F 1/36
(31) Priority Document No	:102 31
	467.5-16
(32) Priority Date	:08/07/2002
(33) Name of priority country	:Germany
(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)SCHOTT AG**

Address of Applicant :HEETENBERGSTRASSE 10, 55122

MAINZ, GERMANY.

(72)**Name of Inventor :**

**1)THOMAS KUCKELKORN**

**2)FRITZ-DIETER DOENITZ**

**3)NIKOLAUS BENZ**

(57) Abstract :

The absorber pipe (1), especially for a parabolic collector for a solar heat collecting apparatus, is described. The absorber pipe (1) has a central metal pipe (3) and a glass sleeve tube (2). An expansion compensation device (10) is provided, which is arranged at least partially in an annular space (4) between the metal pipe (3) and a glass-metal transitional element (5), which is attached to the sleeve tube (2). The expansion compensation device (10) can have a folding bellows (11). Furthermore a connecting element (15) is provided, which has either a cylindrical or a conical section (17,18,18).

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3811/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN INTERMEDIATE OF CEFTIOFUR

(51) International classification

:B64D

(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)NECTAR LIFESCIENCES LTD.**

Address of Applicant :VILLAGE: SAIDPURA, TEHSIL:  
DERABASSI DISTT: MOHALI-140507, PUNJAB, INDIA

(72)Name of Inventor :

**1)SAHOO PRABHAT KUMAR**

**2)UPADHYAY MANOJ**

**3)MANEPALLI RAMESH**

**4)ADHIKARI JAYKRUSHNA DAS**

**5)SAINI SUKHVINDER**

(57) Abstract :

The present application relates to process for the preparation of ammonium salt of thiofuroic acid represented by the Formula I, Formula I which is an intermediate of furaca, chemically known as 7-amino-3-(2-furanylcabonylthiomethyl)-3-cephem-4-carboxylic acid, of Formula II. Formula II Furaca is a key intermediate employed for the preparation of ceftiofur represented by the Formula III. Formula III

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3813/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : HIERARCHY-AWARE REPLACEMENT POLICY

(51) International classification	:B23B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INTEL CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :2200 MISSION COLLEGE BLVD.,
(33) Name of priority country	:NA	M/S: RNB4-150, SANTA CLARA, CA 95052, UNITED
(86) International Application No	:NA	STATES OF AMERICA
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:NA	<b>1)GAUR, JAYESH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)CHAUDHURI, MAINAK</b>
Filing Date	:NA	<b>3)SUBRAMONEY, SREENIVAS</b>
(62) Divisional to Application Number	:NA	<b>4)BASHYAM, NITHIYANANDAN</b>
Filing Date	:NA	<b>5)NUZMAN, JOSEPH</b>

(57) Abstract :

Some implementations disclosed herein provide techniques and arrangements for a hierarchy-aware replacement policy for a last-level cache. A detector may be used to provide the last-level cache with information about blocks in a lower-level cache. For example, the detector may receive a notification identifying a block evicted from the lower-level cache. The notification may include a category associated with the block. The detector may identify a request that caused the block to be filled into the lower-level cache. The detector may determine whether one or more statistics associated with the category satisfy a threshold. In response to determining that the one or more statistics associated with the category satisfy the threshold, the detector may send an indication to the last-level cache that the block is a candidate for eviction from the last-level cache.

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3814/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : TECHNIQUES FOR MANAGING THREE-DIMENSIONAL GRAPHICS DISPLAY MODES

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INTEL CORPORATION**

Address of Applicant :2200 MISSION COLLEGE BLVD.,  
M/S: RNB4-150, SANTA CLARA, CA 95052, UNITED  
STATES OF AMERICA

(72)Name of Inventor :

**1)KP, SAMEER**

**2)TIWARI, SANJEEV**

(57) Abstract :

Techniques for managing a three-dimensional (3D) graphics display mode are described. In one embodiment, for example, an apparatus may comprise a processor circuit and a graphics processing module, and the graphics processing module may be operative by the processor circuit to execute a graphics context in a 3D display mode if a 3D-aware graphics context data structure includes an entry corresponding to the graphics context or to execute the graphics context in a non-3D display mode if the 3D-aware graphics context data structure does not include an entry corresponding to the graphics context. Other embodiments are described and claimed.

No. of Pages : 71 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3771/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS AND A SYSTEM FOR RE-UTILIZING WASTE NITROGEN GAS COMING FROM NITROGEN PLANT•

(51) International classification	:B08B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ENGINEERS INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :1. Bhikaji Cama Place New Delhi-
(33) Name of priority country	:NA	110066 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Vamsi Kamesh Jayanti</b>
(87) International Publication No	: NA	<b>2)Kausik Ghosh Mazumder</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Dipak Kumar Sarkar</b>
Filing Date	:NA	<b>4)Ajay N. Deshpande</b>
(62) Divisional to Application Number	:NA	<b>5)Peush Mahajan</b>
Filing Date	:NA	

(57) Abstract :

Accordingly the present invention provides a process and a system for re-utilizing waste nitrogen gas coming from nitrogen plant said process comprising the step of reacting the waste nitrogen gas with a stream comprising hydrogen sulphide so as to obtain elemental sulphur steam and vent gas stream.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3830/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND APPARATUS TO STRAIGHTEN THE CATHETER COIL TUBE LINE IN A CONTINUOUS MANNER

(51) International classification	:G05C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)POLY MEDICURE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 105, SECTOR 59,
(33) Name of priority country	:NA	HSIIDC INDUSTRIAL AREA, FARIDABAD, HARYANA -
(86) International Application No	:NA	121 004, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	<b>1)BAID, RISHI</b>
(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 catheters which are used to provide access into the human body. More particularly, the present invention is directed to a method and apparatus to straighten the catheter coil tube line in a continuous manner which is used to provide access into the human vasculature for delivery of medications or fluids when assembled with an IV catheter device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3831/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND ASSEMBLY FOR BIDIRECTIONAL DATA FLOW THROUGH AN OPTICAL VORTEX NETWORK

(51) International classification	:B03C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY, DELHI</b>
(32) Priority Date	:NA	Address of Applicant :HAUZ KHAS, NEW DELHI -
(33) Name of priority country	:NA	110016 INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)CHANDRA VINOD</b>
(87) International Publication No	:NA	<b>2)CHADHA DEVI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SANGEETHA R. G.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses data vortex architecture with bidirectional links in which the packets are routed both in forward as well as in reverse directions through a single node. The disclosed arrangement avoids any packet congestion in the network and improves the BER characteristics.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3816/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LOADING ASSEMBLY AND METHODS RELATED THERETO

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)POLY MEDICURE LIMITED**

Address of Applicant :OF PLOT NO. 105, SECTOR 59,  
HSIIDC INDUSTRIAL AREA, FARIDABAD, HARYANA-  
121 004, INDIA.

(72)Name of Inventor :

**1)BAID, RISHI**

(57) Abstract :

The present invention relates generally to devices for loading a needle tip guard on a needle body, more particularly, to a loading assembly for positioning and assisting in positioning plurality of surgical needle bodies having needle shaft with a distal end forming a sharp tip so that the said needle body passes through the jaws/arms of a needle tip guard forming protective cover for the sharp tip of the said needle body quickly and efficiently and related methods therefore..

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3819/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LILIACEAE PLANT EXTRACTS AS EFFICIENT CORROSION INHIBITOR

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SHANTHY, SUNDARAM**

Address of Applicant :CENTRE OF BIOTECHNOLOGY,  
ALLAHABAD UNIVERSITY, ALLAHABAD, Uttar Pradesh  
India

(72)Name of Inventor :

**1)PRIYANKA DWIVEDI**

**2)GOPAL JI**

**3)RAJIV PRAKASH**

(57) Abstract :

Compounds containing functional group with hetero atoms, which can donate lone pair of electrons, are found to be very efficient as inhibitors against metal corrosion in many environments. Organic molecules with these properties can adsorb on metal surface and form a weak bond between the N-electron pair or by electron cloud and metal, thereby reducing corrosion. However, materials with high inhibition efficiency, less toxicity and low cost are the major concern due to its use in industries and various other places in large amount. The corrosion inhibition activity in many of plant extracts is explored due to the presence of heterocyclic constituents like saponins, flavonoids etc. However, its efficiency and cost effectiveness is major limitation. Recently, we have explored various plants of Liliaceae family and found a few showed excellent corrosion inhibition when their extracts is used even in ppm level in various corrosive medium for metals and concretes. Extracts are easy to get and inhibitors are quite efficient and cost effective.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/01/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PERENNIAL WATER SUPPLY SCHEME

(51) International classification	:B01D 3/38	(71) <b>Name of Applicant :</b> <b>1)HARI PRAKASH SHARMA</b>
(31) Priority Document No	:NA	Address of Applicant :K. NO. 614, PHASE-I, MOHALI
(32) Priority Date	:NA	Punjab India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)HARI PRAKASH SHARMA</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The proposed scheme - Perennial Water Supply Scheme- is based on thermal distillation, which is thought to be very costly in the world and is not put into practice. But in my opinion it is the best, easiest and cheapest option with slight modification.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3757/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR MANUFACTURING NON-ORIENTED ELECTRICAL STEEL SHEET

(51) International classification	:B08B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)NIPPON STEEL CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-8071, JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KENICHI MURAKAMI</b>
(87) International Publication No	:NA	<b>2)TAKAHIDE SHIMAZU</b>
(61) Patent of Addition to Application Number	:NA	<b>3)JUNICHI TAKAOBUSHI</b>
Filing Date	:NA	<b>4)KENTA MAEDA</b>
(62) Divisional to Application Number	:NA	<b>5)YOSHIAKI NATORI</b>
Filing Date	:NA	

(57) Abstract :

A silicon steel material having a prescribed composition is heated. A steel strip is obtained by performing hot rolling of the heated silicon steel material. Cold rolling of the steel strip is performed. Next, finish annealing of the steel strip is performed. An inlet side temperature is not less than 50°C and a strain rate is not less than 44/sec but not more than 220/sec at the first pass of cold rolling.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3760/DEL/1997 A

(19) INDIA

(22) Date of filing of Application :23/12/1997

(43) Publication Date : 28/06/2013

(54) Title of the invention : ORAL CARE COMPOSITION

(51) International classification	:A61K 7/16	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:08/774,663	<b>1)BASF CORPORATION</b>
(32) Priority Date	:30/12/1996	Address of Applicant :3000 CONTINENTAL DRIVE-
(33) Name of priority country	:U.S.A.	NORTH,MOUNT OLIVE,NEW JERSEY 07828-1234,U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SRIDHAR GOPALKRISHNAN</b>
(87) International Publication No	:NA	<b>2)RICHARD HOLLAND</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dentifrice composition comprising a liquid polyalkylene glycol carrier, and a liquid polyoxyalkylene compound miscible in said liquid polyalkylene glycol carrier.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3790/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : BLACK SPOT REMOVAL MACHINE INTEGRATED WITH GRINDER MACHINE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ABHINAV CHAUHAN KUNSTOCOM INDIA</b>
(32) Priority Date	:NA	<b>LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :KUNSTOCOM INDIA LIMITED, E-
(86) International Application No	:NA	27, DEFENCE COLONY, NEW DELHI, 110024. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	<b>1)ABHINA CHAUHAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an integrated system for removing black spots on an injection molded component and recycling of the same. The system comprises a white light scanner and a grinder attached to it through a conveyer track. The black spots are detected by white light scanner which scans all the black spots and shows them on the computer screen. These components with black spots are passed by pneumatic pins which press the component and remove the black spot by creating a hole in it. The components with a hole are then sent to the grinder machine for recycling of the molded component. Grounded material can be reused for molding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3791/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : INJECTION MOLDING MACHINE AND CONTROLLED DROP

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)ABHINAV CHAUHAN KUNSTOCOM INDIA**

**LIMITED**

Address of Applicant :KUNSTOCOM INDIA LIMITED E-  
27, DEFENCE COLONY, NEW DELHI 110024. India

(72)Name of Inventor :

**1)ABHINAV CHAUHAN**

(57) Abstract :

The present invention relates to the injection molding machines comprising a control system for guiding the components of the mold to drop at the desired area. The control system comprises a chamber in which guided air pressure tubes are fitted on the base side to produce pressure on the molded components while falling so that these drop on the controlled path instead of anywhere. The system produces a pressure of 3.5 bar pressure and works for upto 900gms of component.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3792/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR DETECTION AND REMOVAL OF BLACK SPOTS.

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ABHINAV CHAUHAN KUNSTOCOM INDIA</b>
(32) Priority Date	:NA	<b>LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :KUNSTOCOM INDIA LIMITED, E-
(86) International Application No	:NA	27, DEFENCE COLONY, NEW DELHI, 110024. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	<b>1)ABHINAV CHAUHAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for detecting and removing black spots on an injection molded article. The system comprises a white light scanner for projecting illumination light on the article under observation and detecting an image of light formed by light reflected from the article, a computer screen for displaying the information of black spots and pneumatic pins for removing the black spots.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3809/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : READY TO COOK MILK CHIPS

(51) International classification	:A23J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL</b>
(32) Priority Date	:NA	<b>RESEARCH, NEW DELHI</b>
(33) Name of priority country	:NA	Address of Applicant :INDIAN COUNCIL OF
(86) International Application No	:NA	AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR.
Filing Date	:NA	RAJENDRA PRASAD ROAD, NEW DELHI -110 001 India
(87) International Publication No	:NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)DR. GEETA CHAUHAN</b>
Filing Date	:NA	<b>2)DR. BRAHMA DEO SHARMA</b>
(62) Divisional to Application Number	:NA	<b>3)DR. SANJOD KUMAR MENDIRATTA</b>
Filing Date	:NA	

(57) Abstract :

India is world's largest milk producer since last decade. The country's milk production in the beginning of the plan era was not more than 17 million tones with per capita per day availability of 124g and the country was a net importer of the milk products. After a period of stagnation in sixties, the production has presented rapid growth of between 4-5% per annum during the last 35 years. At present, country's milk production is 112 million tonnes with per capita per day availability of 261 g. Further, a continuous increased production is a matter of satisfaction at the part of India. The contribution/share of India in the world's milk production, has increased from 9.9% in 1990 to 12.7% in 1996, 14.3% in 2002 and 15.6% in 2007 (FAOSTAT, 2008). As per USDA, increased demand for value-added dairy products and growing private investment in dairy processing facilities are expected to provide further impetus to the country's milk production over the coming years (Chandrashekhar, 2005). During the last decade, value of output from milk group of Indian livestock sector has been continuously increasing. It is Rs. 162136 crores (2007-08), which is 67.39% of the total output from Indian Livestock sector (M/O Statistics and Programme Implementation).

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3763/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A TASK MANAGEMENT SYSTEM

(51) International classification

:B08B

(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)ABHYUDAY MISRA**

Address of Applicant :L1/28, SECTOR-B, ALIGANJ,

LUCKNOW, U.P. India

(72)Name of Inventor :

**1)ABHYUDAY MISRA**

(57) Abstract :

The atomic level at which a process can be broken down is a task. One of the most major problems faced by managers today is allocation and management of tasks. The following is a list of common problems - 1. The allocation of tasks. 2. It is often seen that the subordinates do not let their seniors know the exact status of execution of a task or process. They report the wrong percentage of completion. This seriously hampers the time management plan of the senior. 3. Reporting of completion of tasks requires one to be present on a computer.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3764/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM FOR BRINGING INFORMATION SYSTEMS OF DEPARTMENT OF ALL GOVERNMENT ON TO A COMMON INFORMATION EXCHANGE PLATFORM.

(51) International classification	:B08B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ABHYUDAY MISRA</b>
(32) Priority Date	:NA	Address of Applicant :L-1/28, SECTOR-B, ALIGANJ,
(33) Name of priority country	:NA	LUCKNOW, U.P. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ABHYUDAY MISRA</b>
(87) 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 :

Government is a comprehensive system with various departments in centre and states. To achieve a comprehensive, citizen-centric level, all departments and state and central governments must work in a synchronized manner. This is currently not possible because the information systems of various departments have been designed with different data management strategies and companies.

No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3110/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR CO2 LIQUEFACTION AND EVAPORATION

(51) International classification	:F25J3/00; F25J3/02	(71) <b>Name of Applicant :</b> <b>1)RAVI VARMA</b>
(31) Priority Document No	:NA	Address of Applicant :5 A/A PLOT 14, CHINMAY
(32) Priority Date	:NA	COLONY KARVE NAGAR, PUNE-411052,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAVI VARMA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides an improved system and a process for carbon dioxide liquefaction/condensation and carbon dioxide evaporation for maximum energy saving and recovery. In particular, the invention relates to a technique and conditions for condensing primary refrigerants and carbon dioxide using lower temperatures than the conventional processes which results in reduction of compression ratio leading to less power consumption. In the technique named Hypo technique the evaporation of liquid carbon dioxide energy is recovered to maintain the cooling media at a lower temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3110/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : FUEL CELL STACK DESIGN

(51) International classification	:H01M8/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)Indian Institute Technology- Bombay**

Address of Applicant :Powai Mumbai MAHARASHTRA, INDIA.

(72)**Name of Inventor :**

**1)Prakash Chandra Ghosh**

(57) Abstract :

A fuel cell stack includes atleast one fuel cell matrix assembly an anode bipolar plate a cathode bipolar plate a gas diffusion layer a gasket a first end plate and a second end plate. Further the fuel cell matrix assembly includes plurality of fuel cells arranged in a matrix pattern. The fuel cell stack further includes a clamping assembly. The clamping assembly is configured to provide clamping force to the fuel cell stack and detect the failure or alteration of clamping force in the fuel cell stack.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3111/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : ADDITIVE AND METHOD FOR REMOVAL OF CALCIUM FROM CRUDE OILS CONTAINING CALCIUM NAPHTHENATE

(51) International classification	:C07C47/127; C10G21/16	(71)Name of Applicant : <b>1)DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :DORF KETAL TOWER, D'MONTE STREET, ORLEM, MALAD (W) MUMBAI 400 064, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUBRAMANIYAM, MAHESH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided an additive and method for removal of calcium from crude oil or its blends containing calcium naphthenate at low pH as well as at high pH. Particularly, there is also provided an additive and method for removal of calcium from crude oil or its blends containing calcium naphthenate under basic or alkaline conditions and at low pH as well as at high pH varying from about 5 to 11.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3112/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : THYROID HORMONE RECEPTOR LIGANDS

(51) International classification	:C07C311/29; C07C251/60; C07C317/22	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :ZYDUS TOWER , SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJRAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)RAVAL, SAURIN</b>
(33) Name of priority country	:NA	<b>2)RAVAL,PREETI</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel compounds of general formula (I) which are thyroid receptor ligands and are preferably selective for the thyroid hormone receptor beta. Further, the present invention relates to processes of preparing such compounds, their tautomeric forms, novel intermediates involved in their synthesis, their pharmaceutically acceptable salts, methods for using such compounds and pharmaceutical compositions containing them.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3114/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MOBILE CRANE

(51) International classification	:B66C23/00; B66C23/18	(71) <b>Name of Applicant :</b> <b>1)MR. DAS, ASIT KUMAR</b> Address of Applicant :NL-6, 14/5, SAPTARSHI ASSOCIATION, SEC- 8, NAVI MUMBAI 400706, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. DAS, ASIT KUMAR</b>
(87) 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 portable crane that is fully and easily dismantled and assembled and capable of lifting loads of 1 ton or above. The crane is accessible in locations where humans can access on foot. Individual parts of the crane are carried by humans or by other suitable methods, and a fully operational crane is assembled on site within a short time span such as up to 2 hours. The crane has a boom, a winch mechanism, and a toad transfer frame to attach to a support. The crane is as light weight as the crane material would permit it to be and advantageously, theres no requirement for counter weight while lifting loads.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : WATER LIFTING SYSTEM

(51) International classification	:F04F3/00; F04F1/00	(71)Name of Applicant : <b>1)Koladiya Bhikhubhai Devjibhai</b> Address of Applicant :12 Mansi Residency Behind Nikol Gam Ahmedabad- 380006 GUJRAT, INDIA. <b>2)Vaghasiya Mansukhbhai Madhabhai</b>
(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	<b>1)Koladiya Bhikhubhai Devjibhai</b>
(87) International Publication No	: NA	<b>2)Vaghasiya Mansukhbhai Madhabhai</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a water lifting apparatus by creating vacuum in the vacuum tight water tank or vacuum fill tank (VFT) which is in the higher level disposed above the ground level thereof from the lower level primary water source like water well. The distance between the VFT and the lower water source will range preferably about several feet which is not limited. Such said system which is also used to generate electricity is also disclosed in the embodying invention.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3130/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED MANUAL OVER RIDE AND PADLOCK MECHANISM FOR CHANGE OVER SWITCH

(51) International classification	:H01H9/20	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LARSEN &amp; TOUBRO LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SOLAIKARUPPIAH Vasuki;</b>
(87) International Publication No	: NA	<b>2)PALANISAMY Karuppasamy;</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved Manual over ride and Padlock mechanism in Motor operator for Change over switch. The manual override mechanism comprises a motor adapted to provide an output torque , a gear train means (5) operatively connected with the motor(7) , a shaft means (8) substantially placed within the gear train (5) adapted provide support to the gear train means (5) where shaft means (8) comprises a locking hole (10) , a driven gear means (4) substantially placed with the shaft means (8) where the gear means comprises a spring means (6) where the driver gear means (14) is operatively loaded with the spring means (6) , a handle means (1) being fixed on a handle guide means (2) adapted to get engaged and/or disengaged with the shaft means (8) where the handle (8) is having a projection to push down the driven gear means (4) such that handle means (8) is substantially accommodated inside the shaft means (8).

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3131/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHTING DEVICE

(51) International classification	:F21S2/00, F21V13/04	(71) <b>Name of Applicant :</b> <b>1)LG Innotek Co. Ltd.</b>
(31) Priority Document No	:10-2010- 0112975	Address of Applicant :Seoul Square 541 Namdaemunno 5- ga Jung-gu Seoul 100-714 Republic of Korea
(32) Priority Date	:12/11/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Republic of Korea	<b>1)Lee Sang Hoon</b>
(86) International Application No	:NA	<b>2)Shin Hyun Ha</b>
Filing Date	:NA	<b>3)Woo Im Je</b>
(87) 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 lighting device may be provided that includes a light emitter including a plurality of LEDs; a reflective plate disposed on the light emitter; a diffuser plate disposed in a direction in which light emitted from the LED is irradiated; a case including the light emitter disposed therein and including a bottom plate and a side wall extending from both side ends of the bottom plate; and a connecting member extending from the side wall of the case and including a bracket coupler on at least one side thereof. The light emitter is disposed between the bottom plate of the case and the diffuser plate.

No. of Pages : 81 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3133/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : ASENAPINE MALEATE AMORPHOUS AND CRYSTALLINE FORM AND PROCESS FOR PREPARATION THEREOF

(51) International classification :C07D491/04  
(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)CADILA HEALTHCARE LIMITED**  
Address of Applicant :ZYDUS TOWER, SATELLITE  
CROSS ROADS, AHMEDABAD 380 015, GUJARAT,  
INDIA.  
(72)Name of Inventor :  
**1)DWIVEDI, SHRIPRAKASH, DHAR**  
**2)PRASAD, ASHOK**  
**3)SHARMA, PIYUSH RAJENDRA**

(57) Abstract :

The present invention discloses substantially pure monoclinic form of asenapine maleate having d95 particle size of less than about 100 microns.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3133/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : HEALTH MONITORING AND REPORTING

(51) International classification	:G06F7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JAYARAMAN Srinivasan</b>
(87) International Publication No	: NA	<b>2)KUMAR Kriti</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GODACHI Satya Shankaraiah</b>
Filing Date	:NA	<b>4)PURUSHOTHAMAN Balamuralidhar</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A health monitoring and reporting system (100) and a method (400) described herein relate to monitoring and reporting of health data by sending encoded messages. The health monitoring and reporting system (100) includes health data monitoring (HDM) device (104), which is configured to acquire health data of a user (102) from at least one medical device (106). The HDM device (104) is communicatively coupled with the medical device (106). The HDM device (104) is also configured to analyze the health data for an abnormal event, and generate an encoded message having the health data corresponding to the abnormal event, based on the analysis. The HDM device (104) is further configured to transmit the encoded message, in a form of a sound wave signal, to a communication device (108).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3115/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : MITIGLINIDE CALCIUM HAVING A SPECIFIC PARTICLE SIZE AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07F3/04; C07D 209/44	(71) <b>Name of Applicant :</b> <b>1)TORRENT PHARMACEUTICALS LTD.</b> Address of Applicant :TORRENT HOUSE OFF ASHRAM RAOD, NEAR DINESH HALL, AHMEDABAD 380 009, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ARUNKUMAR GUPTA</b>
Filing Date	:NA	<b>2)VINODKUMAR GUPTA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to particulate mitiglinide calcium wherein at least 90% of the particles, by volume, having particle size in the range of about 50 microns to about 300 microns and a process for the preparation thereof. The present invention also relates to a process for the preparation of crystalline mitiglinide calcium. The present invention further relates to a pharmaceutical composition comprising the mitiglinide calcium wherein at least 90% of the particles, by volume, having particle size of about 50 microns to about 300 microns and one or more pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3116/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL CIRCUIT FOR ADDING A CHURNING FUNCTION TO A MIXER-GRINDER OR A FOOD PROCESSOR

(51) International classification	:B02C 23/00	(71) <b>Name of Applicant :</b> <b>1)NIRODY JAISHANKAR SIDHANAND</b>
(31) Priority Document No	:NA	Address of Applicant :A-1, NANDANVAN, OPP. AMBAJI
(32) Priority Date	:NA	DHAM, OFF. M.G.ROAD, MULUND (W), MUMBAI-400
(33) Name of priority country	:NA	080,MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NIRODY JAISHANKAR SIDHANAND</b>
(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 circuit for adding a churning or forward-reverse motion to a conventional mixer-grinder driven either by a universal motor or an induction motor or by a Brushless DC motor. This circuit drives the motor in a forward and reverse motion with controlled speed and ensures the reversing is done only after the rotor comes to a standstill to avoid splashing of liquid from the jar.

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

(54) Title of the invention : METHOD OF CUTTING MIRACLE PLATES (BRIGHT CUT PLATES) AND SETTING DIAMONDS THEREIN USING THE PUSH-SET METHOD FOR USE ON CASTED MOUNTINGS OF FASHION PIECES AND JEWELLERY.

(51) International classification	:A44C25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)TARA JEWELS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 122, 15TH ROAD, NEAR
(33) Name of priority country	:NA	IDBI BANK, MIDC, ANDHERI(EAST),MUMBAI - 400 093.
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)RAJEEV SHETH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A methodology of cutting bright cut plates and setting diamonds on such Plates by using the push-set method for use on casted mountings of fashion pieces and jewellery involving two processes : (a) the making of the bright cut plate named Miracle Plate and (b) setting of stones in the bright cut plate named Miracle Plate using the push-set method wherein a CNC programmed machine is used by inserting horizontally from one end of the machine, a Rod of desired size and by subjecting it to three different tools installed on a Multiple Tool Holder of the said machine facing the Rod wherein the Rod is subjected to a Parting Tool which reduces the outer diameter of the rotating Rod; then subjecting it to a Drilling Tool which while facing the rotating Rod drills a hole at the centre of the Plate for the diamond piece and finally subjecting it to a Diamond Tool which cuts through the Plate at a desired angle for facet making and the end product is a single bright and shining finely cut Plate into which diamonds are set by using the push-set method wherein the Plate is first masked with a thick masking solution, followed by inserting the Plate in the slot provided in the jewellery by making the centre hole of the Plate to look bigger on its top using a round Burr thereby giving it the necessary tightening effect while pushing the diamond in the cavity from its girdle and then sliding it at an angle into the hole and thereafter pushing it down into the cavity from one side first followed by giving it a push from its other side and into the cavity such that the diamond fits into the Plate resulting in the setting of the stone tightly into the cavity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3141/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR PRODUCING ROCK CRUSHED SAND

(51) International classification	:C04B14/06; C04B20/00;	(71) <b>Name of Applicant :</b> <b>1)BHARUCHA STONE AND SAND WORKS PVT. LTD.</b> Address of Applicant :KUTIKA 31/1 PUNE-SOLAPUR ROAD, PUNE 411013 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)BHARUCHA, ZARDUSHT</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention contemplates a method for making sand from rock comprising the steps; breaking down large rocks in two stages then firstly selecting small rock particles which are used as feed material. The feed material undergoes treatment in centrifuge under high rotor speed. Centrifuge consists of rock lined rotor operating at a high rotor speed. The treatment causes breakage in the particles and removes the irregularities resulting in production of small rounded cubical particles. Breakage is mainly due to the high intensity inter-particle and particle-to-rock lining collision. Mixture of rounded cubical particles discharges out which is then further processed by screening process under very high degree of control to achieve required graded quality of particles which form Fine graded sand.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3143/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PERSONAL FINANCIAL OPTIMIZATION ENGINE

(51) International classification	:G06F 1760	(71) <b>Name of Applicant :</b> <b>1)DEWAN MOHAN</b>
(31) Priority Document No	:NA	Address of Applicant :MOHAN VILLA, 1147-B, SHIVAJI
(32) Priority Date	:NA	NAGAR,PUNE-411 016 MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DEWAN MOHAN</b>
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 disclosure envisages a system that assists a user in efficiently managing a plurality of financial accounts and financial obligations. The system acts as a gateway for accessing all the finance related information of the user. A database of the system stores all the information including the number of accounts held by the user along with the corresponding account numbers and the balance available in each of the accounts. The second vertical of the database stores information corresponding to all the financial obligations to be met by the user. The third vertical of the database stores information corresponding to the financial organizations handling the financial accounts associated with the user. The transactions performed towards the fulfillment of financial obligation(s) of the user are stored along with time stamps in chronological order or in the order of importance.

No. of Pages : 28 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3144/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ADHESIVE TAPE DISPENSER

(51) International classification	:B26D 5/00	(71) <b>Name of Applicant :</b> <b>1)PARKHE DATTATRAYA PURUSHOTTAM</b>
(31) Priority Document No	:NA	Address of Applicant :A-10,SWAPNA NAGARI, KARVE
(32) Priority Date	:NA	ROAD,PUNE-411004, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PARKHE DATTATRAYA PURUSHOTTAM</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tape dispenser comprising a flexible frame to be detachably mounted on a tape roll for dispensing a desired length of tape is described. The frame travels along the circumference of the tape roll to cut predefined length of a tape. A cutter plate is rotatably coupled to the frame and a window defined by a lower portion of the cutter plate and a pair of legs is adapted to receive the tape from either side. The tape dispenser prevents sticking of the tape dispensed off from the tape roll back to the roll.

No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3146/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A CONTEXTUAL CONNECTED SYSTEM AND A METHOD THEREOF

(51) International classification	:G06Q 30/02	(71) <b>Name of Applicant :</b> <b>1)HOOPS PLANET INFO PVT. LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :MYCAR BUILDING, MARUTI
(32) Priority Date	:NA	SUZUKI SHOWROOM, PUNE MUMBAI EXPRESSWAY,
(33) Name of priority country	:NA	WAKAD, PUNE 411057 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DAMODAR SUREKA AKASH</b>
(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 implemented device comprising processor co-operatively connected to connected experience server, processor comprising client device to generate connected experience across all active devices of user discovering content, information, applications, advertisements on all devices of user automatically in real-time domain and virtual-time domain from web configured for at least one of: contents; information; application; and advertisement based on user context like keywords, internet browsing data and history, social networking data and behavior, messaging and communication behavior and data on a device; device; extractor for extracting internet browsing history and data, social networking behavior and data, messaging and communication behavior and data of user; and server configured to manage active devices of user and its log in /log out status, receive context information from device of user; contextual connected experience across all devices of user on which user is logged in.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3170/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ADDITIVE COMPOSITION AND METHOD FOR SCAVENGING HYDROGEN SULFIDE IN HYDROCARBON STREAMS

(51) International classification	:C10G21/16; C10G 29/24	(71) <b>Name of Applicant :</b> <b>1)DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :DORF KETAL TOWER, D'MONTE
(32) Priority Date	:NA	STREET, ORLEM, MALAD (W) MUMBAI - 400 064,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUBRAMANIYAM, MAHESH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to hydrogen sulfide scavenging additive composition comprising glyoxal and a polymer compound which is polymer made from propylene oxide, which is capable of scavenging or removing hydrogen sulfide in hydrocarbons or hydrocarbon streams without causing any problem. The present invention is also relates to a method of scavenging hydrogen sulfide employing present scavenging additive composition comprising glyoxal and a polymer compound which is polymer made from propylene oxide. The present invention is also relates to a method of using hydrogen sulfide scavenging additive composition comprising glyoxal and a polymer compound which is polymer made from propylene oxide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3171/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 28/06/2013

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

(51) International classification	:C07C 209/36	(71) <b>Name of Applicant :</b> <b>1)INDOCO REMEDIES LIMITED</b> Address of Applicant :INDOCO HOUSE, 166 C.S.T. ROAD,SANTACRUZ(EAST), MUMBAI-400 098, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAJADHYAKSHA, MANGESH NARAYAN</b>
(87) International Publication No	:N/A	<b>2)NAIR,RANJEET</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PANANDIKAR,ADITI MILIND</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a process for the preparation of the compound 3-[(2R,3R)-1-(dimethylamino)-2-methylpentan-3-yl]phenol comprising a) reacting compound (2S,3R)-1-(dimethylamino)-3-(3-methoxyphenyl)-2-methylpentan-3-ol with a mixture of methanesulfonic acid and dimethyl sulfide to get the compound (2R)-3-(3-hydroxyphenyl)-N,N,2-trimethyl-3-pentene-1-amine (VIII); b) catalytic hydrogenation of the compound of Formula VIII or its acid addition salt yields mixture of diastereomeric compounds 3-[(2R,3R)-1-(dimethylamino)-2-methylpentan-3-yl]phenol and 3-[(2R,3S)-1-(dimethylamino)-2-methylpentan-3-yl]phenol; c) converting the above diastereomeric mixture into acid addition salt followed by precipitating the 3-[(2R,3R)-1-(dimethylamino)-2-methylpentan-3-yl]phenol in an alcohol using anti-solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3177/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : LYOPHILIZED VACCINE

(51) International classification	:A61K 39/00	(71) <b>Name of Applicant :</b> <b>1)Serum Institute of India Ltd.</b> Address of Applicant :212/2 Off Soli Poonawalla Road Hadapsar Pune 411 028 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Kapre Subhash V.</b>
Filing Date	:NA	<b>2)SHARMA Bhuvneshwari</b>
(87) International Publication No	: NA	<b>3)PISAL Sambhaji</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The instant invention provides a lyophilized virus formulation obtained by a short lyophilization cycle, wherein post-lyophilization virus titer loss is minimum. The said virus formulation is of rabies virus comprising an advantageous and novel stabilizer composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3178/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PHARMACEUTICAL FORMULATION OF RIFABUTIN SUSTAINED RELEASED CAPSULES

(51) International classification	:A61K 31/4164
(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)J. DUNCAN HEALTHCARE PVT.LTD.**  
Address of Applicant :PLOT NO. 65,66 & 67, PHASE II,  
ATGAON INDL. COMPLEX, SHAHPUR, THANE,  
MAHARASHTRA, INDIA.  
(72)**Name of Inventor :**  
**1)MR. ALOK KUMAR**

(57) Abstract :

The present invention relates to a sustained release Rifabutin formulation for oral administration and a simple to use technology which is designed to deliver Rifabutin slowly and in a controlled manner over a prolonged period of time. The present invention also describes a simple process for obtaining stable oral solid pharmaceutical formulation in hard gelatine capsules.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3179/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CLEVIDIPINE AND ITS INTERMEDIATE

(51) International classification	:C07D405/04; C07D405/14	(71)Name of Applicant : <b>1)Cadila Pharmaceuticals Ltd</b> Address of Applicant :Cadila Corporate Campus• Sarkhej - Dholka Road Bhat Ahmedabad GUJARAT, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)KHAMAR Bakulesh Mafatlal</b>
(33) Name of priority country	:NA	<b>2)SHARMA Arun Omprakash</b>
(86) International Application No	:NA	<b>3)PARIKH Sanjay Natvarlal</b>
Filing Date	:NA	<b>4)BHATT Achyut Pravinbhai</b>
(87) International Publication No	: NA	<b>5)PANSURIYA Akshay Madhubhai</b>
(61) Patent of Addition to Application Number	:NA	<b>6)JADEJA Krunal Aniruddhbhai</b>
Filing Date	:NA	<b>7)BAPAT Uday Rajaram</b>
(62) Divisional to Application Number	:NA	<b>8)MODI Indravadan Ambalal</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of clevidipine intermediate-(Butanoyloxy) methyl (2Z)-2-(2,3-dichlorobenzylidene)-3-oxobutanoate and its conversion to clevidipine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3155/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : RAPID DISSOLVING, TASTE MASKED THIN FILM CONTAINING SILDENAFIL

(51) International classification	:A61K 31/505; A61K 9/00	(71) <b>Name of Applicant :</b> <b>1)AJANTA PHARMA LTD.</b> Address of Applicant :AJANTA HOUSE,CHARKOP, KANDIVALI (W), MUMBAI 400 067. MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SINGH SHAILESH</b>
(33) Name of priority country	:NA	<b>2)AMIN DHANRAJ</b>
(86) International Application No	:NA	<b>3)RAJMOHAMMED</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a taste masked pharmaceutical composition in the form of rapidly dissolving film comprising Sildenafil or its isomers, enantiomers, pharmaceutically acceptable salts thereof and polyacrylic resin. The said film optionally contains one or more pharmaceutically acceptable excipients and is substantially free from surfactant and P-cyclodextrin derivatives. The pharmaceutically acceptable excipients include polyalcohols, sweetening agents, thickening or gelling agents, colouring agent and flavouring agent.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3162/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN INTEGRATED FRONT COVER FOR COMMON RAIL DIESEL ENGINE OF A VEHICLE

(51) International classification	:F01M5/00; F01M13/00	(71) <b>Name of Applicant :</b> <b>1)MAHINDRA &amp; MAHINDRA LIMITED</b> Address of Applicant :R & D CENTRE, 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) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VIKRAMAN VELLANDI</b>
(87) International Publication No	: NA	<b>2)MAHADEVAN NILKANTAN IYER</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAMASAMY VELUSAMY</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Invention relates an integrated front cover for common rail diesel engine of a vehicle. A front cover has been designed with the integration of the water pump, Oil Pump, Oil cooler & Filter, Oil filling cap, mounting provision for Automatic Tenstoner and Alternator. The main purpose of the components integration is cost, weight and assembly time reduction apart from the design simplification. The present invention provides (i) simplified cooling lay-out for Oil cooler and EGR cooler by mounting Water Pump, Oil cooler and EGR cooler in the front cover; (ii) simplified Oil pressurizing, cooling and filtering system by the integration of Oil pump, Oil cooler and oil filter in the front cover; and (iii) simplified belt-drive system by the integration of the Water Pump, Automatic Belt tensioner and alternator in the front cover.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3165/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SCREW LESS CONTACT TERMINAL WITH SPRING FOR ELECTRICAL ACCESSORIES.

(51) International classification	:h01r 4/00; h01r 4/48	(71) <b>Name of Applicant :</b> <b>1)Tushar S. Gokhale</b> Address of Applicant :House No. 16644 (N-3/29/1) Ganesh Chowk Road New CIDCO Nasik Meghalaya India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Tushar S. Gokhale</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to the method of connecting wires to electrical accessories. The accessories have contact terminals comprising of a base connector fixed to the body and a connector that moves along vertical axis of base connector. The connectors have perpendicular holes to insert wire. A spring is between two connectors to push connectors away from each other. The moving connector is pressed so that the perpendicular holes on both connectors are aligned and form a single hole. Wire is inserted in the hole and connector is released. The spring pushes moving connector apart and wire is clamped between holes. The moving connector has an insulating cap on top to allow the pressing terminal in a live circuit. This terminal needs less time to connect / disconnect and also reduces possibility of loose connection of wires

No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3166/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AMORPHOUS DRONEDARONE ACID ADDITION SALTS AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:a61k 31/34	(71) <b>Name of Applicant :</b> <b>1)MEGAFINE PHARMA (P)LTD.</b> Address of Applicant :4TH FLOOR,SETHNA,55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI 400 002, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MATHAD VIJAYAVITTHAL THIPPANNACHAR</b>
(87) International Publication No	: NA	<b>2)PATIL NILESH SUDHIR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MALI ANIL CHATURLAL</b>
Filing Date	:NA	<b>4)TALLA RAJESH</b>
(62) Divisional to Application Number	:NA	<b>5)DEORE SHAM NAVANEET</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides amorphous form of Dronedarone or acid addition salt thereof. The present invention also provides amorphous co-precipitate of Dronedarone or its acid addition salts with a pharmaceutically acceptable excipient. A process for making an amorphous form of Dronedarone or acid addition salt thereof comprising providing a solution of Dronedarone or its acid addition salt in a solvent and removing the said solvent for isolating solid mass, which is the amorphous form of Dronedarone or its acid addition salt thereof. A process for preparation of amorphous co-precipitate of Dronedarone or its acid addition salts with a pharmaceutically acceptable excipient comprising preparation of a solution of the said Dronedarone or its acid addition salt and pharmaceutically acceptable excipients in at least one solvent and removal of solvent from solution obtained in step (a) for isolating solid mass, which is the amorphous co-precipitate of Dronedarone or its acid addition salts with the said pharmaceutically acceptable excipient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3148/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DELTA CHANGE SYNCHRONIZATION

(51) International classification	:G06F9/54
(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)ZENSAR TECHNOLOGIES LTD.**  
Address of Applicant :ZENSAR KNOWLEDGE PARK,  
PLOT # 4, MIDC,KHARADI,OFF NAGAR ROAD, PUNE 411  
014, MAHARASHTRA, INDIA.  
(72)**Name of Inventor :**  
**1)GAIKWAD VIJAYKUMAR VASANTRAO**

(57) Abstract :

A computer implemented system and method for delta change synchronization have been disclosed. The system performs delta change synchronization by transferring between two or multiple nodes an initial model and rendering only the changed objects during the subsequent communications. The nodes are provided with delta change processing sub-system which mainly includes a delta recorder means for recording the changes in the objects of the main model and rendering them to other nodes.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3149/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : MODULAR HVAC HOUSING ASSEMBLIES

(51) International classification	:b60h 1/00	(71) <b>Name of Applicant :</b> <b>1)BEHR INDIA LIMITE SD</b> Address of Applicant :GAT.NO.626/1/2 & 622/1/0 29 MILESTONE, PUNE-NASIK HIGHWAY, VILLAGE KURULI,TAL,KHED, PUNE 410501 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PARTHASARATHI GARIKIPATI</b>
(87) International Publication No	: NA	<b>2)SATHYANARAYAN SURAJ</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KULKARNI MITHUL KISHOR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular Heating, Ventilation and Air Conditioning (HVAC) housing assembly is disclosed. The modular HVAC housing assembly includes a blower housing and a distribution housing. The blower housing accommodates at least a blower. The distribution housing is connected to the blower housing. The distribution housing includes an evaporator unit, a distribution unit and a heater unit. The evaporator unit accommodates at least an evaporator. The distribution unit accommodates a plurality of flaps to achieve various airflow modes. The heater unit accommodates at least a heater. Each of the blower housing, the evaporator unit, the distribution unit and the heater unit is replaceably configured as an autonomous modular unit. At least one of the blower housing, the evaporator unit, the distribution unit and the heater unit has at least a two part structure.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3149/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : HEALTH MONITORING SYSTEM

(51) International classification	:A61B 5/00	(71) <b>Name of Applicant :</b> <b>1)AHMED MAQBOOL</b> Address of Applicant :128, GOMTIPUR ZULTA MINARA, AHMEDABAD-380021,MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	<b>2)MALLICK BASANT KUMAR</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)AHMED SHEIKH SIPAI FARHINBANU</b>
(86) International Application No	:NA	<b>2)MALLICK AMLAN ANUPAM</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A health monitoring system comprising: a wearable vest; a thermometer adapted to be placed on a collar of said vest; a blood pressure sensor adapted to be located on a cuff of said vest; a heart beat (pulse) sensor adapted to be located on a cuff of said vest; and a display device adapted to receive sensed data from said blood pressure sensor and said heart beat (pulse) sensor in order to display readings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3150/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : LEAK PROOF MODULAR HEATING, VENTILATION AND AIR CONDITIONING (HVAC) HOUSING ASSEMBLY

(51) International classification	:b60h 1/00	(71) <b>Name of Applicant :</b> <b>1)BEHR INDIA LIMITED</b> Address of Applicant :GAT.NO.626/1/2 & 622/1/0 29 MILESTONE,PUNE-NASIK HIGHWAY, VILLAGE KURULI,TAL,KHED, PUNE 410501 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PARTHASARATHI GARIKIPATI</b>
(87) International Publication No	: NA	<b>2)KULKARNI MITHUL KISHOR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A leak proof modular Heating, Ventilation and Air Conditioning (HVAC) housing assembly for preventing condensate leakage and a method for forming the leak proof modular HVAC housing assembly are disclosed. The leak proof modular HVAC housing assembly includes a blower housing and a distribution housing. The distribution housing includes an evaporator unit, a heater unit and a distribution unit. The evaporator unit includes a pair of evaporator sub-elements assembled together by means of a plurality of leak proof joints to form the evaporator unit. The heater unit includes a pair of heater sub-elements assembled together by means of at least one leak proof joint to form the heater unit. The distribution unit is disposed over the heater unit and connected to the evaporator unit. The distribution unit includes a pair of distribution sub-elements assembled together to form the distribution unit.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3120/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : CO-PROCESSED SODIUM ALGINATE AS AN INACTIVE INGREDIENT FOR DRUG DELIVERY

(51) International classification	:A61K31/00; A61K9/00	(71) <b>Name of Applicant :</b> <b>1)FDC LIMITED</b> Address of Applicant :142-48, S.V. ROAD, JOGESHWARI (WEST), MUMBAI - 400 102, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)CHANDAVARKAR, NANDAN MOHAN</b>
Filing Date	:NA	<b>2)JINDAL, KOUR CHAND</b>
(87) International Publication No	: NA	<b>3)MALAYANDI, RAJKUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel composition comprising co-processed sodium alginate, process for preparation and application of the co-processed sodium alginate, as an inactive ingredient in the pharmaceutical dosage forms.

No. of Pages : 14 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3120/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DUAL ZIPPER LOCK SYSTEM

(51) International classification	:B41J 5/18	(71) <b>Name of Applicant :</b> <b>1)VIP INDUSTRIES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :78A MIDC,SATPUR,NASHIK-
(32) Priority Date	:NA	422007, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)KOLHE SUNIL CHIMANRAO</b>
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 discloses a Dual Zipper Lock System (10) comprising at least one lock housing (20), a first latch (30) & (301) with a first spring member (40) & (401), a second latch (50) & (501) with a second spring member (60) & (601), a swivel member (70), a combination lock (80) and a pin tumbler lock (90). The present invention has been accomplished under the circumstances in view. It is the primary objective of the present invention to provide a zipper lock, which is the assembly of a combination lock and a pin tumbler lock with TSA and the casing (21) has two lock notches (212) each at two lateral sidewalls allows the user to open the two compartments of the luggage case with separate zip chains with a single zipper lock through the combination lock or the pin tumbler lock with TSA and with selectively, enhancing the convenience of use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3121/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR CYCLOOXYGENASE-2-SELECTIVE INHIBITOR

(51) International classification	:C07D213/61	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)VIRDEV INTERMEDIATES PVT LTD.</b>
(32) Priority Date	:NA	Address of Applicant :S.NO. 33/1-A, PLOT NO. 1,
(33) Name of priority country	:NA	KHATODRA, SURAT - 395 002, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SHAH, DHARMESH MAHENDRA</b>
(87) International Publication No	: NA	<b>2)SOLANKI, SANJAY AMRATLAL</b>
(61) Patent of Addition to Application Number	:NA	<b>3)JARIWALA, VIRAL NARENDRA</b>
Filing Date	:NA	<b>4)VYAS, ASHOK VASANTRAY</b>
(62) Divisional to Application Number	:NA	<b>5)MISTRY, ASHOKKUMAR BHIKHUBHAI</b>
Filing Date	:NA	

(57) Abstract :

The present invention describes a process for preparing a cyclooxygenase-2 selective inhibitor. It provides a synthetic procedure for the said substance namely 5-chloro-3-(4-methylsulphonyl) phenyl-2-(2-methyl-5-pyridinyl) pyridine of formula (I). The invention also relates to preparation of a new intermediate of formula (IV) and a process to prepare it. Furthermore, the invention describes a process for preparing another key intermediate of formula (II). Compounds of formula (IV) and formula (II) are useful intermediates in synthesis of the said cyclooxygenase-2 inhibitor.

No. of Pages : 42 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3123/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SERVO MECHANISM BASED HYDRAULIC SYSTEM FOR A WORK VEHICLE

(51) International classification	:F16K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MAHINDRA &amp; MAHINDRA LTD.</b>
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING,APOLLO
(33) Name of priority country	:NA	BUNDER, MUMBAI 400001, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MULLA IBRAHIM HASAN</b>
(87) International Publication No	:N/A	<b>2)RAVINDRAN BINESH</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KHOLE VIJAYKUMAR BHALCHANDRA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Electromechanical hydraulic system for operating the 3-point linkage of a work vehicle. The hydraulic system (100) comprises a rotating shaft (116) horizontally rotatably mounted on a base (10) and having a pair of lift arms (102) mounted thereto spaced from each other and connected to the 3-point linkage. A hydraulic cylinder (128) is mounted on the base and is having a reciprocating piston (130) operatively coupled to the rotating shaft perpendicular thereto. A hydraulic valve (120) comprising a linearly adjustable spool (121) is provided for controlling the hydraulic flow in the hydraulic cylinder. The hydraulic system also comprises a position control mechanism (150) for controlling the up and down movements of the 3-point linkage and earth working implements and having a horizontally rotatably disposed lead screw (108) driven by a servo motor (106), a nut (110) linearly movably disposed over the lead screw in thread engagement therewith and a linear actuator rod (122) one end whereof is fixed to the nut and the other end whereof is adapted to abut the spool. The position control mechanism also comprises a control panel (136) for controlling the operation of the servo motor and the linear movement of the nut and the linear actuator rod. The lifting and lowering movements of the 3-point linkage and earth working implements are precisely controlled electronically by sensing the angular position of the 3-point linkage and the earth-working implements and by controlling the operation of the motor and the position of the spool of the hydraulic valve. Being electronically operated, response time of the position control mechanism of the invention is very fast and the 3-point linkage and earth working implements are instantly lifted and lowered as and when required.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3150/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : FOLDABLE MULTIPURPOSE DOMESTIC APPLIANCES

(51) International classification	:A47L 11/00	(71) <b>Name of Applicant :</b> <b>1)GAMI BHIKUBHAI</b> Address of Applicant :B-102,SAI DARSAN SANKUL APARTMENT,UTTARAN ROAD, MOTA VARASA,SURAT, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)PATEL SHANTUBHAI JERAMBHAI</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)GAMI PANKIT BHIKUBHAI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PATEL EKTA SHANTUBHAI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A foldable multipurpose domestic appliance comprises: a chassis further comprising at least a seat sub-chassis, at least a back rest sub-chassis, at least a first U-shaped support sub-chassis, a second U-shaped support sub-chassis, and at least a pair of arm rest bars, said seat sub-chassis and said back rest sub-chassis being coupled at one lateral edge to form a pivoting edge, thereof, in order to form a seat, said back rest sub-chassis being adapted to be angularly displaced about this pivoting edge in order to provide degree of freedom in accordance with required angle of said back rest sub-chassis with respect to said seat sub-chassis, said first U-shaped bar adapted to operatively rearward with respect to the seat sub-chassis, said second U-shaped bar adapted to extend operatively forward with respect to said seat sub-chassis; a pair of plates with multiple grooves, each plate being located operatively about said each of the arms, correspondingly, said plates with multiple grooves being the interface which couples said first U-shaped bar to said arms and also couples said second U-shaped bar to said arms; a fourth U-shaped bar adapted to be coupled in an angularly displaceable manner with an operative forward end of said seat sub-chassis; a fifth U-shaped bar adapted to be located within said fourth U-shaped bar, said fifth U-shaped bar being coupled in an angularly displaceable manner with said fourth U-shaped bar; and a further seat portion adapted to be located within a spaced defined within said fifth U-shaped bar, said further seat portion being adapted to be angularly displaceable within said internal region defined by said fifth U-shaped bar.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3151/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOVEL PROCESS FOR PREPARING ASENAPINE MALEATE

(51) International classification :C07D491/044  
(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)ENALTEC LABS PRIVATE LIMITED.**

Address of Applicant :17TH FLOOR,KESAR SOLITAIRE,  
PLOT NO.5 SECTOR-19,SANPADA, NAVI MUMBAI PIN  
CODE:400 705 Maharashtra India

(72)Name of Inventor :

**1)SIVA KUMAR VENKATA BOBBA**

**2)ALOK PRAMOD TRIPATHI**

**3)SANJAY DASHRATH VAIDYA**

(57) Abstract :

The present invention relates to a novel process for the preparing of asenapine maleate compound of structural formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3151/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : MEDICATION REMINDER SYSTEM

(51) International classification	:G04B47/00	(71) <b>Name of Applicant :</b> <b>1)SINGH AJAY KUMAR</b> Address of Applicant :C-46,NIGAHI, NCL COLONY, SINGRAULI-486884,MADHYA PRADESH,MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)SINGH MOHIT</b>
(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 medication reminder system comprises: a multi-compartmental box, each compartment being a. storage medium for medication; an associated time mechanism for each of said compartments; input means adapted to input at least time detail, corresponding medication details, corresponding alarm details; controller means adapted to control said time mechanism in relation to said inputs and pre-determined parameters for which reminders are set in correlation with said time mechanism; display means adapted to display time and medication details upon receiving output from said controller means; and alarm means adapted to cause an alarm in relation to time and medication details upon receiving output from said controller means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3152/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMPROVED STAPLER

(51) International classification	:B25C 7/00	(71) <b>Name of Applicant :</b> <b>1)NAGARKAR ASHOK</b> Address of Applicant :SNEHANKIT BUNGALOW, SURVEY NO 125,SWAMI VIVEKANDA NAGAR, WALEKAR WADI ROAD, BIJLI NAGAR, CHINCHWAD, PUNE-411033,MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)NAGARKAR ANKITA ASHOK</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved stapler comprises: window on an operative upper cover of said stapler, said window adapted to be positioned in a manner such that staples can be viewed through said window; staples, which staples are a series of co-joined staple pins, wherein said staples have a first operative end and a second operative end, said first operative end being the end adapted to go as an operative front part, said second operative end being the end adapted to go as an operative rear part, characterized in that, a pre-determined operative rear portion of said staple is colour coded.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3183/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM FOR AUTOMATED DRUG STORAGE

(51) International classification	:A61J 1/00; A61J 1/05	(71) <b>Name of Applicant :</b> <b>1)AJINKYA SUNIL JAGTAP</b> Address of Applicant :19, 'SINHGAD' BUNGLOW, HINGANE KHURD, VITTHALWADI, SINHGAD ROAD, PUNE - 411 051. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)AJINKYA SUNIL JAGTAP</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to automatic drug storage system comprising User Operating machines acting as an interface between customer and machine, display unit, plurality of rows of automated drawers for placing medicines, at least one mechanical hand moving on track with specified moving area to transfer medicines to medicine receiving slot. Customer swipes his ADS card and provides PIN number to machine. After selecting the option of entering the prescription, customer enters names of desired medicines. Then total bill amount flashes on the screen and if account balance is sufficient, medicines are made available to customer by opening the drawer.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3184/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 65 - 80MM TAPPER BORE

(51) International classification	:F16C19/00; F16C43/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 E SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416 008. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, we a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 65 -80mm Tapper Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 65 - 80mm between inner ring, outer ring and roller is 110 whereas in normal case it is 70 and the maximum clearance between inner ring, outer ring and roller is 135 whereas its 90 in normal case. This shows that there is an increment of 57.14% in minimum clearance and 50% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3185/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 80 - 100MM TAPPER BORE

(51) International classification	:F16C43/06; F16C19/34	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416 008. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 80 -100mm Tapper Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 80 - 100mm between inner ring, outer ring and roller is 125 whereas in normal case it is 80 and the maximum clearance between inner ring, outer ring and roller is 160 whereas its 110 in normal case. This shows that there is an increment of 56.25% in minimum clearance and 45.45% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 100 - 120MM TAPPER BORE

(51) International classification	:F16C19/00; F16C43/06	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b>
(31) Priority Document No	:NA	Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP.
(32) Priority Date	:NA	KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR -
(33) Name of priority country	:NA	416008. Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, we a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 100 120mm Tapper Bore comprises of smooth rollers present between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 100 - 120mm between inner ring, outer ring and roller is 155 whereas in normal case it is 100 and the maximum clearance between inner ring, outer ring and roller is 195 whereas its 135 in normal case. This shows that there is an increment of 55% in minimum clearance and 44.44% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3187/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 120 - 140MM TAPPER BORE

(51) International classification	:F16C43/00; F16C23/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 120 - 140mm Tapper Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 120 - 140mm between inner ring, outer ring and roller is 180 whereas in normal case it is 120 and the maximum clearance between inner ring, outer ring and roller is 230 whereas its 160 in normal case. This shows that there is an increment of 50% in minimum clearance and 43.75% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3188/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING 140 - 160MM TAPPER BORE

(51) International classification	:F16C19/36; F16C23/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement The bearing makes many of the machines we use every day possible, Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 140 - 160mm Tapper Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 140 - 160mm between the inner ring, outer ring and roller is 205 whereas in normal case it is 130 and the maximum clearance between inner ring, outer ring and roller is 265 whereas its 180 in normal case. This shows that there is an increment of 57.69% in minimum clearance and 4722% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3189/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 160 - 180MM TAPPER BORE

(51) International classification	:F16C19/00; F16C43/00;F16C23/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416 008. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 160 - 180mm Tapper Bore comprises smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 160 - 180mm between the inner ring, outer ring and roller is 230 whereas in normal case it is 140 and the maximum clearance between the inner ring, outer ring and roller is 250 whereas its 200 in normal case. This shows that there is an increment of 6428% in minimum clearance and 25% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3189/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : EMBEDDED IMAGE FILM-FOIL AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:B32B15/08, A61J1/03, B65D75/36	(71) <b>Name of Applicant :</b> <b>1)BILCARE LIMITED</b> Address of Applicant :601,ICC TRADE TOWER, PUNE- 411016, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)NAIK PRAFUL</b>
(33) Name of priority country	:NA	<b>2)MUKHERJEE SOMENATH</b>
(86) International Application No	:NA	<b>3)UMARANI MAHENDRA</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:1318/MUM/2008	
Filed on	:24/06/2008	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a multi-layer packaging film comprising a metal layer sandwiched between two polymeric layers. A first polymeric layer contains a nonuniform embedded graphic image. The multi-layer packaging film having the nonuniform embedded graphic image helps in protecting brand identity of the desired product.

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

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 180 - 200MM TAPPER BORE

(51) International classification	:F16C19/00; F16C43/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b>
(31) Priority Document No	:NA	Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP.
(32) Priority Date	:NA	KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR -
(33) Name of priority country	:NA	416008. Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 180 200mm Tapper Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 180 - 200mm between inner ring, outer ring and roller is 225 whereas in normal case it is 160 and the maximum clearance between inner ring, outer ring and roller is 330 whereas its 220 in normal case. This shows that there is an increment of 56.25% in minimum clearance and 50% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3190/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CATALYST COMPOSITE FOR DEHYDROGENATION OF HYDROCARBONS AND METHOD OF PREPARATION THEREOF

(51) International classification	:B01J 23/00	(71)Name of Applicant : <b>1)RELIANCE INDUSTRIES LIMITED</b> Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222,NARIMAN POINT MUMBAI- 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)LANDE SHARAD VASUDERAO</b>
Filing Date	:NA	<b>2)KATRAVULAPALLI VEERA VENKATA SATYA</b>
(87) International Publication No	:N/A	<b>BHASKARA SITA RAMA MURTHY</b>
(61) Patent of Addition to Application Number	:NA	<b>3)UNNIKRISHNAN SREEDHARAN</b>
Filing Date	:NA	<b>4)SHARMA NAGESH</b>
(62) Divisional to Application Number	:NA	<b>5)VAIDYA SHASHANK</b>
Filing Date	:NA	<b>6)DONGARA RAJESHWER</b>
		<b>7)KRISHNAMURTHY RAMASWAMY KONDA</b>

(57) Abstract :

The present invention provides a dehydrogenation catalyst composite that is capable of providing a dehydrogenated hydrocarbon product characterized by a bromine number of at least 19. for hydrocarbons. The dehydrogenation catalyst of the present invention comprises a nano-sized complex containing a Group VIII component; a group IVA component and a sulfur containing capping agent; an alkali component; a halogen component; and a support with an inner core of alpha alumina and an outer layer comprising a mixture of gamma alumina and delta alumina.

No. of Pages : 34 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3220/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PREPARING 2-(1,3-DIOXO-1,3-DIHYDRO-ISOINDOL-2-YLMETHYL)-1-PHENYL-CYCLOPROPANECARBOXYLIC ACID DIETHYLAMIDE

(51) International classification	:A61K 31/40	(71)Name of Applicant : <b>1)CIPLA LIMITED</b> Address of Applicant :MUMBAI CENTRAL, MUMBAI- 400 008, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)RAO, DHARMARAJ RAMACHANDRA</b>
Filing Date	:NA	<b>2)KANKAN, RAJENDRA NARAYANRAO</b>
(87) International Publication No	:N/A	<b>3)GHAGARE, MARUTI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an improved process for the preparation of 2-((1,3-dioxo-1,3-dihydro-isoindol-2-yl)methyl)-1-phenyl-cyclopropane carboxylic acid diethylamide of formula I, which comprises reacting 2-(( 1,3-dioxo-1,3-dihydro-isoindol-2-yl)methyl)-1 -phenyl-cyclopropane carboxylic acid of formula (II) with diethylamine in the presence of a coupling reagent and separating and isolating the product of formula (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3221/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTROCHEMICAL CAPACITOR BASED ON POLYPYRROLE THIN FILM ELECTRODE

(51) International classification	:H01M 6/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
(32) Priority Date	:NA	Address of Applicant :THIN FILM PHYSICS
(33) Name of priority country	:NA	LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI
(86) International Application No	:NA	UNIVERSITY, KOLHAPUR, 416 004 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
(61) Patent of Addition to Application Number	:NA	2)MR. VINAYAK SHIVAJIRAO JAMADADE
Filing Date	:NA	3)MR. SANDIP VILASRAO PATIL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present investigation deals with synthesis of polypyrrole thin films by simple and cost effective chemical deposition method at room temperature. The solution containing monomer pyrrole, ammonium persulphate and sulphuric acid was used for deposition of polypyrrole thin film on to stainless steel substrates. The stainless steel substrates were immersed in above solution for 1-24 hr. at room temperature to get deposition of polypyrrole on stainless steel. The supercapacitive properties of these chemically deposited polypyrrole thin films were tested in sulphuric acid electrolyte using cyclic voltammetry (CV) technique. The maximum value of specific capacitance 515 Fg<sup>-1</sup> was achieved at scan rate 50 mVs<sup>-1</sup> and good cyclability beyond 5,000 cycles with 83% stability.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3224/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR QUALITY MONITORING

(51) International classification

:H04M

3/22

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)TATA CONSULTANCY SERVICES LIMITED**

Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)CHOWDHURY Ashish Arun**

(57) Abstract :

The present subject matter discloses systems and methods for quality monitoring of software tools and data repositories. In one implementation, the method comprises receiving an input indicative of an issue with at least one software tool and ascertaining whether the issue is a data related issue, wherein the ascertaining comprises analyzing the issue. The method further comprises determining if the issue is a change request, on ascertaining the issue to be a data related issue and resolving the issue based in part on the analyzing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3225/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : ANTI DRILL LOCKING CYLINDER ASSEMBLY

(51) International classification	:E05B17/00; E05B9/04	(71) <b>Name of Applicant :</b> <b>1)GODREJ &amp; BOYCE MFG. CO. LTD.</b> Address of Applicant :LOCKS DIVISION (PLANT - 18) PIROJSHANAGAR VIKHROLI, MUMBAI - 400 079, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)THOTTUVAI SIVASUBRAMANI MURALI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a antidrill locking cylinder assembly being used in padlocks, the locking cylinder assembly comprising: a cylindrical housing having a bore, the cylindrical housing comprises three elongated protrusions placed at the interval of 90° on the outer periphery of the cylindrical housing, each of the elongated protrusion having plurality of holes placed in space apart relationship; a cylinder being slidably accommodated in the bore of the cylindrical housing, the cylindrical having a front end and rear end, the cylinder further comprises a slot for receiving a key and a cut out at the front end; three pin and spring sets each being accommodated in the plurality of holes of the elongated protrusion of the cylindrical housing; first hardened plate being placed at the front end of the cylinder, the first hardened plate comprises a projection to be engaged in the cutout of the cylinder and a slot for receiving the key; and second hardened plate being placed at the rear end of the cylinder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3209/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOMOBILE AUXILIARY BATTERIES AS SOURCE OF ELECTRICAL ENERGY

(51) International classification	:H01M2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CHAPHEKAR, AMOL</b>
(32) Priority Date	:NA	Address of Applicant :GAT NO.3,PLOT NO.252,
(33) Name of priority country	:NA	JYOTIBANAGAR, TALAWADE,PUNE, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)CHAPHEKAR, AMOL</b>
(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 disclosure relates to an electric supply system derived from one or more auxiliary batteries of automobiles to power electrical and electronic appliances. The present invention involves a circuit and a secondary/auxiliary battery system , for storing untapped kinetic energy generated/produced during movement of automobiles and further for supplying and utilizing the stored energy of the battery as a source of electricity in street, home, office, parks, public places, hospitals, factories etc. The system employed in the present invention is arranged in such a manner that it facilitates coupling of energy source from secondary/auxiliary battery of the vehicle to a central circuit or a main circuit from wherein electricity is supplied to power various electronic appliances as desired. In this process, DC power from the auxiliary battery is converted to AC power, which is then consumed by the electrical and electronic equipments.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3210/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : TOPICAL HERBAL COMPOSITION FOR RELIEVING ACHES AND PAINS

(51) International classification	:A61K 36/00	(71) <b>Name of Applicant :</b> <b>1)JOSHI, ANIL, RAGHUNATH</b>
(31) Priority Document No	:NA	Address of Applicant :FLAT NO.A/8, SHIVALI CO-OP
(32) Priority Date	:NA	HOUSING SOCIETY,NEAR MATAJI SUPER
(33) Name of priority country	:NA	MARKET,SR.NO.14/4/1/2, WADGAON BUDRUK,ANAND
(86) International Application No	:NA	NAGAR, SINHAGAD ROAD, PUNE, MAHARASHTRA,
Filing Date	:NA	INDIA.
(87) International Publication No	:N/A	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)JOSHI, ANIL, RAGHUNATH</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel herbal topical composition for use in managing and/or treating and/or preventing conditions of joint pain, muscle and nerve pain, back and neck pain and other ailments associated with common body aches and pains. The present invention also relates to the processes for the preparation of the same.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3212/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : CO-PROCESSED EXCIPIENTS AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K9/14; A61K9/16	(71) <b>Name of Applicant :</b> <b>1) PURNIMA D. AMIN</b> Address of Applicant :DEPARTMENT OF PHARMACEUTICAL SCIENCES AND TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY (AUTONOMOUS), N.P. MARG, MATUNGA MUMBAI 400 019, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1) PURNIMA D. AMIN</b>
(33) Name of priority country	:NA	<b>2) VANITA JAGDISH SHARMA</b>
(86) International Application No	:NA	<b>3) HARITA RAMCHANDRA DESAI</b>
Filing Date	:NA	<b>4) AVINASH BHASKAR GANGURDE</b>
(87) International Publication No	: NA	<b>5) DIVAKAR RAMSAWAR JAISWAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a directly compressible co-processed excipient comprising of poly ethylene oxide with cellulosic polymer in the geometric ratio of 10:90 to 90:10 weight basis, preferably in the ratios of 70:30 to 80:20. Such ratio controls the initial burst release of the formulation which can be controlled by polyethylene oxide afterwards controlled by hydroxypropyl methyl cellulose or ethyl cellulose. The present invention also provides a process for preparing the directly compressible co-processed excipient comprising of poly ethylene oxide with cellulosic polymer by compaction method. Also, provided are compositions and dosage forms comprising of directly compressible co-processed excipients of poly ethylene oxide with cellulosic polymer and at least one active agent. Dosage forms are particularly modified release dosage forms prepared by the direct compression method.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3214/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

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

(51) International classification	:C07D 249/08	(71) <b>Name of Applicant :</b> <b>1)Alembic Ltd</b> Address of Applicant :Alembic Research Centre Alembic Ltd Alembic Road Vadodara-390003 GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)RAMAN Jayaraman Venkat</b>
Filing Date	:NA	<b>2)SHAH Hiral</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides improved process for the preparation of Deferasirox of formula (I).

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3214/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF IVABRADINE HYDROCHLORIDE AND POLYMORPH THEREOF

(51) International classification :C07D223/16  
(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 :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)CADILA HEALTHCARE LIMITED**  
Address of Applicant :CADILA HEALTHCARE LTD;  
PLOT NO.26-29 & 31, DABHASA-UMARAYA ROAD,  
VILL. DABHASA-391440,TAL-PADRA, DIST.VADODARA,  
GUJARAT, MAHARASHTRA, INDIA.

(72)Name of Inventor :  
**1)DWIVEDI SHRIPRKASH DHAR**  
**2)PRASAD ASHOK**  
**3)SHARMA MUKUL HARIPRASAD**

(57) Abstract :

Stable crystalline Form II and stable crystalline Form III of ivabradine hydrochloride and processes for their preparation are disclosed.

No. of Pages : 25 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3237/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : COMPACT THERMAL OIL HEATER

(51) International classification	:F24D 13/04; F23C 1/00	(71) <b>Name of Applicant :</b> <b>1)THERMAX LTD.</b> Address of Applicant :D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KRISHNAKUMAR. A.</b>
(33) Name of priority country	:NA	<b>2)JHA R.S.</b>
(86) International Application No	:NA	<b>3)MANE ABHAY</b>
Filing Date	:NA	<b>4)BHARDWAJ NITIN</b>
(87) International Publication No	: NA	<b>5)KHARAT RAHUL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compact thermal oil heater is disclosed. The compact thermal oil heater includes a furnace for combustion of solid fuel, a radiative pass arrangement, a connection means for connecting the furnace to the radiative pass arrangement, a first convective pass arrangement, a second convective pass arrangement and a secondary membrane panel. The radiative pass arrangement includes a first membrane panel constructed with parallel heat transfer tubes and strips providing enclosure to the combustion chamber and providing radiation heat transfer. The first convective pass arrangement functionally connected to the radiative pass arrangement and adapted to receive flue gases leaving the radiative pass arrangement from the operative top of the secondary membrane panel separating the radiative pass arrangement from the first convective pass arrangement. The second convective pass arrangement functionally connected to the first convective pass arrangement and adapted to receive the flue gases leaving the first convective pass arrangement.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3237/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRESERVATION OF LIQUID FOODS

(51) International classification	:A23L 3/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/458,155	<b>1)PARKAR Zeba</b>
(32) Priority Date	:18/11/2011	Address of Applicant :2428 Delaware St SE Apt 506
(33) Name of priority country	:India	Minneapolis MN- 55414 United States of America.
(86) International Application No	:NA	<b>2)ECONOMY James</b>
Filing Date	:NA	<b>3)SAMAD Abdul</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)PARKAR Zeba</b>
Filing Date	:NA	<b>2)ECONOMY James</b>
(62) Divisional to Application Number	:NA	<b>3)SAMAD Abdul</b>
Filing Date	:NA	

(57) Abstract :

Anti-spoilage inserts and methods are provided for inhibiting the spoilage of liquid foods. One or more of the embodiments of the present invention provides an anti-spoilage insert and methods for the inhibition of microbial spoilage of a substantially liquid food.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3240/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR OBTAINING ALPHA-CELLULOSE

(51) International classification	:C08B16/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GODAVARI BIOREFINERIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :45/47, SAMAIYA BHAVAN,
(33) Name of priority country	:NA	MAHATMA GANDHI ROAD, MUMBAI- 400 001,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)CHINMAY MONDAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)UMESH KUMAR SHARMA</b>
Filing Date	:NA	<b>3)RAMESH SHETAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an alpha-cellulose with high molecular weight and purity and a process for obtaining the same from lignocellulosic material. The lignocellulosic raw material is treated by contacting it with high pressure steam at temperature in the range 190oC - 200oC for atleast 2 minutes to solubilize the hemicellulose fraction. The undissolved fibrous organic biomass is washed with hot soft water to give the pretreated lignocellulosic material. The pretreated lignocellulosic material is pulped using sulfite, alkali and anthraquinone at a temperature of atleast 120 °C and holding time of atleast 15 minutes for solubilizing lignin component by converting into lingnosulfonate. The washed and screened pulp is bleached, washed to obtain the pulp containing atleast 92% alpha - cellulose having high molecular weight in the range of 10,00,000-25,00,000. Such alpha-cellulose with high molecular weight and purity is suitable for converting into biodegradable derivatives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3243/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SUBSTITUTED SWERTIAMARIN DERIVATIVES

(51) International classification	:C07D311/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)L.M. COLLEGE OF PHARMACY</b>
(32) Priority Date	:NA	Address of Applicant :P.O. BOX 4011, OPP. GUJARAT
(33) Name of priority country	:NA	UNIVERSITY, UNIVERSITY ROAD, NAVRANGOPURA,
(86) International Application No	:NA	AHMEDABAD-380 009, GUJARAT, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. RAMESH KISHORILAL GOYAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)HITESH BHARATBHAI VAIDYA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a substituted swertiamarin derivatives of formula (I) wherein R is H, OCH<sub>3</sub> alkyl derivatives, tetraacetylglucose or tetrapropionateglucose, R<sub>1</sub> is -COOH, -COOCH<sub>3</sub> or derivatives thereof, R<sub>2</sub> is CH<sub>2</sub>CH<sub>2</sub>OH or derivatives thereof, R<sub>3</sub> is -CH<sub>2</sub>-CH<sub>2</sub>-O-CO- (Cyclic lactone), R<sub>3</sub> is H, OH, -OCH<sub>3</sub> or other ether and/or ester derivatives. The present invention also describes the process for preparing the substituted swertiamarin derivatives. Further the present invention is also describes a pharmaceutical composition and method of treating metabolic disorders using therapeutically effective amount of substituted swertiamarin derivatives.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3191/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 65 - 80MM CYLINDRICAL BORE

(51) International classification	:F16C19/00; F16C23/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 65 -80mm Cylindrical Bore comprises of smooth rollers present between the inner and outer metal surface in order to reduce the friction between the surfaces along with expansion. The minimum clearance of special spherical roller bearing of cylindrical bore diameter of 65 - 80mm, between inner ring, outer ring and roller is 95 whereas in normal case it is 50 and the maximum clearance between inner ring, outer ring and roller is 130 whereas its 80 m normal case. This shows that there is an increment of 45% in minimum clearance and 62.5% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3191/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOTIFICATION AND TASK BAR ADVERTISING SYSTEM

(51) International classification	:G06Q30/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)HOOPZ PLANET INFO PVT LTD.</b>
(32) Priority Date	:NA	Address of Applicant :MYCAR BUILDING, MARUTI
(33) Name of priority country	:NA	SUZUKI SHOWROOM, PUNE MUMBAI EXPRESSWAY,
(86) International Application No	:NA	WAKAD 411057 MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)SUREKA DAMODAR AKASH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MOULI SRIRAMANA K</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented device comprising processor co-operatively connected to advertisement server through network is disclosed, processor including operating system leveler to extend notification bar and task bar of the operating system for pre-configured height and width to accommodate digital advertisement, content/information/application preview in form of text, image and videos; synchronizer to pull text, image, video, advertisement from advertisement server besides synchronizing attributes including height, width, location, and disposition of screen on device and duration of advertisement with one or more advertising attributes; closing unit to automatically close advertisement based notification and task bar while restoring original notification and task bar required by operating system for other content while restoring original central layout of operating system automatically; text extractor to extract text in form of alphanumeric characters further including keywords and numbers; repository to store advertisement streaming and synchronization data; advertisement server to communicate in network of user devices.

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



(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 80 - 100 MM CYLINDRICAL BORE

(51) International classification	:F16C19/00; F16C23/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b>
(31) Priority Document No	:NA	Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP.
(32) Priority Date	:NA	KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR -
(33) Name of priority country	:NA	416008. Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(87) 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 bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller Bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 80 -100mm Cylindrical Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 80 - 100mm between inner ring, outer ring and roller is 120 whereas in normal case it is 60 and the maximum clearance between inner ring, outer ring and roller is 160 whereas its 100 in normal case. This shows that there is an increment of 100% in minimum clearance and 60% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3226/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF REFURBISHING A JACK-UP RIG.

(51) International classification	:B63B 1/10	(71) <b>Name of Applicant :</b> <b>1)LARSEN &amp; TOUBRO LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :FLOATING SYSTEMS BUSINESS
(32) Priority Date	:NA	UNIT, ENGINEERING AND CONSTRUCTION
(33) Name of priority country	:NA	DIVISION,POWAI CAMPUS(W), SAKI VIHAR
(86) International Application No	:NA	ROAD,MUMBAI 400 072, MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)KASTURIRANGAN NARAYANAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VARGHESE GEORGE</b>
Filing Date	:NA	<b>3)PAL CHIRAG</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of refurbishing a jack-up rig. A refurbishment site (1) having earth of the required load bearing capacity is identified in the proximity of a sea and is dredged below the level of the sea bed (1a) to form a recessed area (2) having a mouth opening into the sea and having a size corresponding to the hull of the jack-up rig that would submerge in the water in the recessed area with a clearance between the bottom of the hull and bottom of the recessed area. A plurality of spaced apart reinforced open trenches (3) are dug at the site corresponding to the legs (7) of the jack-up rig (5) to be refurbished. The jack-up rig is floated in into the recessed area with the legs thereof raised up and the legs are lowered into the respective trenches and anchored in the respective trenches. The hull (6) of the jack-up rig is raised on the legs and held in the raised position. The recessed area is filled with earth to the original surface level of the site. The hull is lowered and supported on support stools placed on the earth filled area. The hull is repaired and if required the legs are also repaired after raising the legs. The hull is lifted on the legs, the stools are removed and the filled surface area is redredged at the site to form a cavity (2a) of the required size to allow water to flow in and submerge the hull with a clearance between the bottom of the hull and the bottom of the cavity. The jack-up rig is floated out into the sea after raising the legs. The invention eliminates massive permanent structures and expensive equipments for repair of rigs. The method of the invention is simple and easy to carry out and is very cost effective. It also reduces refurbishment time and increases the scope of repair as both hull and legs can be repaired at the same location.

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3229/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND KIT FOR RAPID RECOVERY, IDENTIFICATION AND ANTIMICROBIAL SUSCEPTIBILITY TESTING OF MICROORGANISMS

(51) International classification	:C12Q1/04; C12N1/00	(71)Name of Applicant : <b>1)AGHARKAR RESEARCH INSTITUTE</b> Address of Applicant :AGHARKAR RESEARCH INSTITUTE OF MAHARASHTRA ASSOCIATION FOR CULTIVATION OF SCIENCE, G.G. AGARKAR ROAD, PUNE:411 004 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)RAJWADE JYUTIKA MILIND</b>
(32) Priority Date	:NA	<b>2)DESHMUKH SHRADDHA MADHAV</b>
(33) Name of priority country	:NA	<b>3)CHOUDHARI MILIND KEWALRAM</b>
(86) International Application No	:NA	<b>4)PAKNIKAR KISHORE MADHUKAR</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention comprises of a method and kit for rapid recovery, identification and antibiotic susceptibility testing of clinical isolates. The steps involved in the method are: (1) contacting patients sample with biofunctionalized magnetic nanoparticles, (2) recovering the target bacteria using a simple magnet (3) transferring the recovered bacteria to a multi-well AST plate containing different antibiotics and substrates that will help in identification of bacteria (4) data acquisition (visual readout/ Spectrometry using multi-well plate reader) and comparison with standard chart provided. Biofunctionalized magnetic nanoparticles are preferably conjugates of Lanthanum Strontium Manganese Oxide (LSMO,  $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ), specifically  $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$  with chitosan and inactivated form of Lysozyme; the latter with specificity for Staphylococci. The invention shows that the biofunctionalized nanoparticles can capture even 3-5 CFU/mL from clinical specimen (such as urine, serum, blood, cerebrospinal fluid, pus, ascites fluid, swabs etc.) and report on identification and antimicrobial susceptibility of the dominant pathogen can be obtained within 6-8 h. Environmental specimens (water, soil, air) can be included as well as specimen from hospital environments and inanimate surfaces.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3215/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A TEA PRODUCT

(51) International classification	:A23F3/14; A23F3/16	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI - 400 020, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JOHN MATTHEW</b>
(87) International Publication No	: NA	<b>2)SINGH GURMEET</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VENKATESH PURNA</b>
Filing Date	:NA	<b>4)VIJAY JOSEPH</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a tea product. More particularly the present invention relates to a leaf tea product with enhanced amounts of theaflavins and catechins. The problem addressed by the present invention is to provide a tea product with significant amount of catechins without addition of any exogenous catechins, where the tea product has sensorial properties similar to those of black tea. The present inventors have surprisingly found that freezing the fresh tea leaf after plucking followed by exposing it to air and drying results a leaf tea product that has significant amount of catechins and theaflavins, and has sensorial properties similar to those of black tea.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3216/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MULTI-PHASE SUPPORT INSULATOR ELEMENT FOR GAS INSULATED SWITCHGEAR (GIS) EQUIPMENT

(51) International classification	:H02B 7/01	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.
(32) Priority Date	:NA	ANNIE BESANT ROAD,WORLI, MUMBAI 400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BHANGAONKAR AVINASH SUDHAKAR</b>
(87) International Publication No	:N/A	<b>2)RAJAN ARAVIND</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-phase support insulator element for Gas Insulated Switchgear (GIS) equipment, said element being a disc element including three hollow projections equi-angularly distributed about a radial axis of said disc element, said hollow projections being spaced apart from each other and spaced apart from the circumferential edge of said disc element, characterized in that, said disc element includes at least an elongated peripheral slot located between each of said hollow projections and its nearest sector on the circumferential edge of said disc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3217/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED END PLATE FOR A ROTOR AND A ROTOR FOR AXIALLY VENTILATED MACHINES, THEREOF

(51) International classification	:H02K 1/24	(71)Name of Applicant : <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR,
(32) Priority Date	:NA	DR.ANNIE BESANT ROAD,WORLI,MUMBAI 400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PANDYA ANKIT</b>
(87) International Publication No	:N/A	<b>2)UPADHYAY AMARENDRA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved rotor end plate comprising a plurality of stacked end laminations on either side of a substantially cylindrical rotor comprised of main laminations, each of said end laminations and main lamination including vent holes surrounding an axial hole, characterised in that, each vent hole of said stack of end laminations having a pre-defined diameter in accordance with the placement of the end lamination in the stack of end laminations with each end stamping having a vent hole with a diameter that is relatively bigger than the vent hole of an adjacent operatively inward placed end stamping, thereby providing a drafted air flow at the entrance of the vent holes. There is also provided a rotor for axially ventilated machines using said improved rotor end plate and methods for manufacturing both improved rotor end plate and rotor for axially ventilated machines.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3218/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ANSWERING DEVICE FOR ANSWERING MULTIPLE CHOICE QUESTIONS IN EXAMINATIONS

(51) International classification	:g09b 7/00; g09b 3/00	(71) <b>Name of Applicant :</b> <b>1)WINGS INET TECHNOLOGIES (i) PVT LTD.</b> Address of Applicant :SHREE VITHAL PRASAD BUNGALOW, S. NO. 24/4/2/1, VITHALWADI, PUNE 411 051, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)BADHE, VIJAY PADMAKAR</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An answering device for answering multiple choice questions in examinations has been disclosed. The answering device includes a body housing, display means adapted to display at least the question numbers. The answering device further includes means to input candidate roll number into said answering device and means to select an answer for each question. The means to input candidate roll number includes at least one pair of keys using which the candidate can incrementally select and freeze the digits corresponding to the roll number. The answering device further includes means to record the candidate roll number, questions and the answers selected by candidates appearing for examinations. The answering device further transmits the candidate roll number, questions and the answers selected by the candidates for further processing to a reader device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3245/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NEW CONCEPT OF DECIMAL ( 1-DECIMAL, ETC.)

(51) International classification	:g06f 7/38; g06f 7/49	(71) <b>Name of Applicant :</b> <b>1)SANJAY KUMAR SHARMA</b> Address of Applicant :B-69 GOVINDPURI UNIVERSITY ROAD GWALIOR Madhya Pradesh India
(31) Priority Document No	:NA	<b>2)SANJAY KUMAR SHARMA</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)SANJAY KUMAR SHARMA</b>
(86) International Application No	:NA	<b>2)SANJAY KUMAR SHARMA</b>
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 :

Invention of new Decimal Point/s:- In conventional decimal approach of Division; when we divide certain numbers (dividend) by some particular numbers (divisor), (like division of 10 by 3); then, in quotient, the problem of repetition arises. My point is In division, Why to expand this type of group of numbers (like 3 & 10, 7 & 22, etc.) by adding a multiple of to its remainder. Now the solution is here - instead of using the conventional decimal point(.), use the new 1-decimal or 2decimal or 3 decimal or 4decimal or 5decimal or 6decimal or 7decimal or 8 decimal or 9decimal in quotient and put a 1 in one's place of the remainder and push the remainder's digit to the ten's place. Now, No repetitive terms in quotient. (The perfect terminating Decimal).

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



(54) Title of the invention : DRY POWDER INHALER OF SALBUTAMOL SULPHATE AND FLUTICASONE PROPIONATE COMBINATION

(51) International classification	:A61K 9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MS. DEEPA HARESHKUMAR PATEL</b>
(32) Priority Date	:NA	Address of Applicant :PHARMACY DEPARTMENT,
(33) Name of priority country	:NA	BARODA COLLEGE OF PHARMACY, P.O. LIMDA,
(86) International Application No	:NA	WAGHODIA, DIST. VADODARA-391760, GUJARAT,
Filing Date	:NA	INDIA.
(87) International Publication No	:N/A	<b>2)MR. PRATIKKUMAR ASHOKKUMAR MISTRI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DR. DEVANSHU J. PATEL</b>
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	<b>1)MS. DEEPA HARESHKUMAR PATEL</b>
Filing Date	:NA	<b>2)MR. PRATIKKUMAR ASHOKKUMAR MISTRI</b>

(57) Abstract :

Asthma is chronically inflammatory lung disease having significant impact worldwide. Salbutamol sulphate is the drug-of-choice which act as bronchodilator and fluticasone propionate is act as anti inflammatory. This both drug in combination can improve the asthmatic condition if given by pulmonary route as dry powder inhaler dosage form. The dry powder inhaler containing salbutamol sulphate and fluticasone propionate combination were developed using spray drying method and evaluated for their delivery for drug-excipient incompatibility using FTIR, aerosol performance using Anderson cascade impactor, the in-vitro drug release using dialysis bag and all parameters were compared with marketed formulation. Stability study was preformed at accelerated condition as per ICH.. Dry powder inhaler of both drug was successfully prepared with salbutamol sulphate, fluticasone propionate, inhalation grade lactose Respitose SV001, HPMC E15 LV and Magnesium stearate by simple mixing after spray drying. SEM study indicates that the particles were found to be in spherical shape. The results of fine particle fraction (FPF), fine particle dose (FPD), Mean mass aerodynamic diameter (MMAD) and Geometric standard deviation (GSD) were found to be optimum for good aerosol performance. Stability study shows Dry powder inhaler containing salbutamol sulphate and fluticasone propionate were stable at accelerated condition. The present study demonstrated that, a spray-dried powder is suitable for respiratory deposition and hold great potential for treating diseases that require direct lung delivery. Thus, we can conclude that the prepared DPI's may be consider as promising carrier for delivery of drug such as Salbutamol sulphate and Fluticasone propionate in combination. Keywords: Salbutamol Sulphate; Fluticasone propionate; Dry powder inhaler; Box Behnken design; Spray drying.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3249/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL POLYMORPHIC FORMS OF AGOMELATINE

(51) International classification :C07C233/18;  
C07C 235/78  
(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)ENALTEC LABS PRIVATE LIMITED**

Address of Applicant :17TH FLOOR, KESAR SOLITAIRE,  
PLOT NO. 5 SECTOR - 19, SANPADA, NAVI MUMBAI ,  
PIN CODE: 400705 Maharashtra India

(72)Name of Inventor :

**1)SIVAKUMAR VENKATA BOBBA**

**2)ALOK PRAMOD TRIPATHI**

**3)SANJAY DASHRATH VAIDYA**

**4)ESWARA RAO KODALI**

(57) Abstract :

The present invention relates to novel polymorphs of agomelatine referred herein after as a and crystalline form. The present invention further relate to a process of preparing a and crystalline form of agomelatine and pharmaceutical composition thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3192/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A FAN COVER FOR TOTALLY ENCLOSED, FAN COOLED (TEFC) MOTORS, AND AN IMPROVED MOTOR THEREOF.

(51) International classification	:H05K 05/03	(71)Name of Applicant : <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH
(32) Priority Date	:NA	FLOOR,DR.ANNIE BESANT ROAD, WORLI,MUMBAI 400
(33) Name of priority country	:NA	030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)GORRE UDAY KUMAR</b>
(87) International Publication No	:N/A	<b>2)JAIN PRATEEK KUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fan-cover for an externally cooled motor, said fan cover being a substantially cap shaped assembly comprising an annular rim member with one end of said rim member being closed by an end cover, said end cover including slots which facilitate entry of air from the atmosphere into said fan cover, characterized in that, said rim member further comprising a plurality of radially dispersed guide vanes which are aligned substantially parallel to a central axis of said rim member and are spaced apart from each other. An improved motor with this fan-cover is also provided.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3193/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 100 - 120MM CYLINDRICAL BORE

(51) International classification	:F16C 33/00; F16C 23/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 100 - 120mm Cylindrical Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed by us for special spherical roller bearing of diameter 100 -120mm between inner ring, outer ring and roller is 140 whereas in normal case it is 75 and the maximum clearance between inner ring, outer ring and roller is 185 whereas its 120 in normal case. This shows that there is an increment of 86.7% in minimum clearance and 54.16% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3193/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : MANUAL AUTO REVERSE FIRE EXTINGUISHER

(51) International classification	:A62C27/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)PUROHIT, HARIKRUSHNA SHANKARLAL</b>
(32) Priority Date	:NA	Address of Applicant :B/81, MANAGEMENT ENCLAVE,
(33) Name of priority country	:NA	NEHRU PARK, VASTRAPUR AHMEDABAD 380015
(86) International Application No	:NA	GUJARAT STATE, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)PUROHIT, HARIKRUSHNA SHANKARLAL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved fire extinguisher (100) for extinguishing all kinds of fire at early stage preventing them to expand and cause high damages. The proposed fire extinguisher (100) extinguishes fire without affecting the properties or damaging the material involved in the fire. The proposed fire extinguisher (100) alleviates all the problems related to the existing fire extinguisher assemblies such as corrosion, leakage, bursting and, splashing.

No. of Pages : 78 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3194/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 120 - 140MM CYLINDRICAL BORE

(51) International classification	:F16C 23/00; F16C 33/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing of 120 - 140mm Cylindrical Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 120 - 140mm between inner ring, outer ring and roller is 170 whereas in normal case it is 95 and the maximum clearance between inner ring, outer ring and roller is 215 whereas its 145 in normal case. This shows that there is an increment of 78.94% in minimum clearance and 48.27% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3198/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR PRETREATMENT OF PRESS MUD TO RETAIN ITS BIOGAS GENERATION POTENTIAL

(51) International classification	:C02F11/04; C02F3/30	(71)Name of Applicant : <b>1)KIRLOSKAR INTEGRATED TECNOLOGIES LIMITED.</b>
(31) Priority Document No	:NA	Address of Applicant :13/A, KARVE ROAD, KOTHRUD,
(32) Priority Date	:NA	PUNE - 411038, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)GOYAL DEVENDRA JAYANT</b>
Filing Date	:NA	<b>2)MATE NITANT VISHNU</b>
(87) International Publication No	: NA	<b>3)JOSHI ASHWIN SHARAD</b>
(61) Patent of Addition to Application Number	:NA	<b>4)ATHAVALE VIBHUSHA SHRIKANT</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an anaerobic process for producing organic manure and/or biogas from substances such as press mud from sugar mills, agricultural and/or industrial wastes. It comprises the steps of preparing slurry with water and/ or treated spent wash effluent from the plant, adjusting the pH of the slurry between 6 to 8 using standard chemical additives biologically breaking the particle size to desired level by adding nitrogen or phosphate based nutrient, pumping the slurry into bioreactors and adding an anaerobic inoculums. The slurry is retained in said bio- reactors for 2 to 7 days for digesting to obtain required carbon to nitrogen ratio. The slurry is centrifuged after recovering the biogas generated during digestion and discharges the wet cake from the bioreactor by decanting, dewatering, drying the pelletizing to obtain pelletized organic manure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3199/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PERPETUAL MOTION GRAVITY & BUOYANCY ENGINE

(51) International classification	:F03B 17/04	(71) <b>Name of Applicant :</b> <b>1)PATEL JAYANTIBHAI TALSIBHAI</b> Address of Applicant :26 AMBIKANAGAR SOCITY, DAKOR ROAD, KAPADWANJ 387620 DIST KHEDA, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)PATEL MAYUR JAYANTIBHAI</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)PATEL JAYANTIBHAI TALSIBHAI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PATEL MAYUR JAYANTIBHAI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention consists with pair of wheels, shafts, 2n number of capsules with/without airbag, belt, shaft less dumbbell shape piston with/without valve , flywheel, flexible pipes, wherein the two wheels are provided on two shaft with particular distance and these two wheels are connected with belt, wherein the flywheel is connected with upper side shaft.which is further connected with the generator. The shaft less dumbbell shape piston is provided inside the cylindrical shape capsules which can move up and down by gravitational force with the valve. The gearbox or generator is provided between these two wheels. The 2n numbers of capsules are open and other end is connected with the second cylindrical shape capsule through flexible pipes. The invention generated energy is proportional to the volume and shape of the capsule.And air compressor is provided to blow out the air to accelerate the circulation speed of the capsule.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3200/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING DRONEDARONE HYDROCHLORIDE

(51) International classification	:A61K31/343
(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)GLENMARK GENERICS LIMITED,**

Address of Applicant :B/2,MAHALAXMI CHAMBERS,22  
BHULABHAI DESAI ROAD,MUMBAI-400709,  
MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)SRITHARAN, S**

**2)MEHTA, KAMAL**

**3)CHOPADE, ATUL**

**4)NIGHUTE, ASHOK**

(57) Abstract :

The present invention relates to a pharmaceutical composition comprising Dronedarone hydrochloride and at-least one pharmaceutically acceptable excipient wherein the pharmaceutically acceptable excipient is not a surfactant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3201/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : BIOMETRICS ELECTRONICS

(51) International classification	:H04W 88/12	(71) <b>Name of Applicant :</b> <b>1)GENOMTECH BIO PVT LTD</b> Address of Applicant :205, THE BLOSSOM CHS LTD., ADARSH DUGDHALAYA LANE, MARVE ROAD, MALAD (WEST), MUMBAI-400064. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. JINAV SANDEEP GHATALIA</b>
(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 wireless access control system and method is described which permits wireless communication between a remote access controller and a focal access controller on an on demand basis. The remote access controller can determine the state of the locking mechanism without communication to the focal access controller when a valid access request is presented. However, if an invalid access request is presented, a remote wireless communicator will be placed in its transmission mode to request updated user control data from the focal access controller. The remote wireless communicator can also be placed in its transmission mode to request updated user control data from the focal access controller by a communication command input at a remote programming mode device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3195/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 140 - 160MM CYLINDRICAL BORE

(51) International classification	:F16C 33/00; F16C 23/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible, Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 140 - 160mm Cylindrical Bore comprises of smooth rollers present between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 140 - 160mm between inner ring, outer ring and roller is 195 whereas in normal case it is 110 and the maximum clearance between inner ring, outer ring and roller is 250 whereas its 170 in normal case. This shows that there is an increment of 77.27% in minimum clearance and 47.05% increment in maximum clearance. Both extended clearances may t>e varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3196/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER FOR SPHERICAL ROLLER BEARING FOR 160 - 180MM CYLINDRICAL BORE

(51) International classification	:F16C 23/00; F16C 43/00;F16C 33/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PRASHANT MANOHAR JAMBHALE</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller for Spherical Roller Bearing for 160 - 180mm Cylindrical Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for special spherical roller bearing of diameter 160 - 180mm between inner ring, outer ring and roller is 210 whereas in normal case it is 120 and the maximum clearance between inner ring, outer ring and roller is 275 whereas its 180 in normal case. This shows that there is an increment of 75% in minimum clearance and 52.77% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(54) Title of the invention : SPECIAL RADIAL CLEARANCE BETWEEN ROLLER TRACK AND ROLLER IN SPHERICAL ROLLER BEARING FOR 180 - 200MM CYLINDRICAL BORE

(51) International classification	:F16C 23/00; F16C 19/00; F16C 33/00	(71) <b>Name of Applicant :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b> Address of Applicant :1325/99 'E' SHUMS PLAZA, OPP. KOTITIRTH MARKET, UDYAM NAGAR, KOLHAPUR - 416008. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)PRASHANT MANOHAR JAMBHALE</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract :

A bearing is a device to allow constrained relative motion between two or more parts, typically rotation or linear movement. The bearing makes many of the machines we use every day possible. Vibrating screen, Stone crusher and Compactor have inherent eccentric motion, a range of strong and robust spherical roller bearings are developed for these application. The Special Radial Clearance between roller track and roller in Spherical Roller Bearing for 180 - 200mm Cylindrical Bore comprises of smooth rollers present in between the inner and outer metal surface in order to reduce the friction between the surfaces along with thermal expansion. The minimum clearance developed for cylindrical bore of diameter 180 200mm between inner ring, outer ring and roller is 230 whereas in normal case it is 130 and the maximum clearance between inner ring, outer ring and roller is 300 whereas its 200 in normal case. This shows that there is an increment of 76.92% in minimum clearance and 50% increment in maximum clearance. Both extended clearances may be varied further upto  $\pm 25\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3202/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

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

(51) International classification	:C07D233/58
(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)DALVI, MAHESH BHAGOJI**

**2)KENNY, RAJESH SHASHIKANT**

**3)TARADE,PRADEEP KISAN**

(57) Abstract :

The invention discloses a novel process for preparation of dexmedetomidine in higher yield and with enantiomeric purity more than 99%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3203/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ONCE A DAY ORAL SUSTAINED RELEASE GASTRO RETENTIVE FORMULATION OF LAFUTIDINE

(51) International classification	:A61K 31/4545	(71)Name of Applicant : <b>1)KHAN FURQUAN NAZIMUDDIN</b> Address of Applicant :MAULANA AZAD COLLEGE, DR.RAFIQ ZAKARIA CAMPUS, DR.RAFIQ ZAKARIA MARG, RAUZA BAGH, POST BOX NO:27, AURANGABAD-431001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)KHAN FURQUAN NAZIMUDDIN</b>
(33) Name of priority country	:NA	<b>2)DHAMECHA DINESH L</b>
(86) International Application No	:NA	<b>3)GHADLINGE SHYAM V</b>
Filing Date	:NA	<b>4)FULE RITESH</b>
(87) International Publication No	:N/A	<b>5)DEHGHAN,MOHAMED HASSAN GULAMREZA</b>
(61) Patent of Addition to Application Number	:NA	<b>6)FAROOQUI MAQDOOM MOHIUDDIN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses oral, gastro retentive pharmaceutical composition for . sustained and continuous drug release comprising Lafutidine its derivatives or pharmaceutically acceptable salts as active agent in the range of 5-40% of the total composition, hydroswelling polymer or mucoadhesive polymer in the range of 25-90% optionally with completing agent selected from monovalent or divalent ions such as calcium carbonate along with pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3204/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : TURBINE HAVING FREE AND POWER ROTERS

(51) International classification	:F03B 3/04	(71) <b>Name of Applicant :</b> <b>1)SHELKE DATTATRAYA RAJARAM</b>
(31) Priority Document No	:NA	Address of Applicant :BLOCK NO.305, A
(32) Priority Date	:NA	WING,EKDANT APPARTMENT, SWAMI VIVEKANAND
(33) Name of priority country	:NA	CHOWK, URAN, DIST.RIAGAD 400702, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)SHELKE DATTATRAYA RAJARAM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in a preferred embodiment provides a turbine having free and power rotors using pressurized fluid for providing rotational output, the turbine comprising: i. at least one nozzle; ii. a shaft holder; iii. an exhaust port; iv. a rotor case; v. at least one array of power rotor vanes; vi. at least one array of free rotor vanes; vii. at least one planet gear; and viii. at least two ring gears; and methods thereof.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3205/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR THE PREPARATION OF MWW TYPE ZEOLITE

(51) International classification :C01B39/04  
(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)RELIANCE INDUSTRIES LTD.**  
Address of Applicant :RELIANCE TECHNOLOGY  
GROUP, RELIANCE CORPORATE PARK, 7B, GROUND  
FLOOR, THANE-BELAPUR ROAD, GHANSOLI,  
NAVIMUMBAI-400701, MAHARASHTRA, INDIA.  
(72)**Name of Inventor :**  
**1)RAKSH VIR. JASRA**  
**2)JAGANNATH DAS**  
**3)SREEDHARAN UNNIKRISHNAN**  
**4)AYYAMPERUMAL SAKTHIVEL**

(57) Abstract :

The present invention relates to a method for preparing MWW type zeolite; said method comprising i) intimately mixing together, in the absence of any organic structure directing agent or crystalline MWW type zeolite seeds, a predetermined quantity of a compound containing silicon dioxide; a compound containing metal oxide, water and a pH modifier to obtain an aqueous amorphous metallosilicate gel; and ii) hydrothermally treating said gel in the presence of an organic templating agent to provide a crystalline MWW type zeolite.

No. of Pages : 38 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3205/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CREAM ROLLS MANUFACTURING

(51) International classification	:A23L 1/00	(71) <b>Name of Applicant :</b> <b>1)SUDHIR SHAM KIRLOSKAR</b>
(31) Priority Document No	:NA	Address of Applicant :447, SIND SOCIETY, AUNDH,
(32) Priority Date	:NA	PUNE-411 007, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SUDHIR SHAM KIRLOSKAR</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a cream filling and vending device. The device comprises a housing, a removable roil container for storing empty rolls of cream rolls with mechanism to dispense the empty rolls, at least one removable cream hopper filled with cream for injecting in the empty rolls, a cream injectors connected to the bottom of each cream hopper, a delivering means for delivering a filled cream roll sliding and a controller means for holding the empty roll and bringing in-line with the cream injecting means for filling the empty roll of the cream roll and delivering a filled cream roll.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3206/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRIORITIZED SEARCHING

(51) International classification	:G06F007/00
(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)TATA CONSULTANCY SERVICES LIMITED**

Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.

(72)**Name of Inventor :**

**1)DANI Jayant**

**2)GOEL Rupesh**

(57) Abstract :

Systems and methods for performing prioritized search are described. In one implementation, text based results (122) based on a comparison between at least one search terminology and at least one asset attribute associated with each of plurality of assets, are obtained. Once obtained, at least one problem statement based on a comparison between the at least one search terminology and a problem statement attribute associated with each of a plurality of problem statements, is selected. For at least one selected problem statement, at least one asset is identified, from amongst a plurality of assets associated with the at least one selected problem statement. The at least one asset is identified based on a comparison between the at least one search terminology and a metadata associated with the asset, to obtain problem based results (124). The text based results (122) and the problem based results (124) are merged to obtain a prioritized search result.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3251/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SALTS OF ROSUVASTATIN

(51) International classification	:c07d 239/00; c07d 239/42	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMADABAD 380015, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)DWIVEDI, SHRIPRAKASH DHAR</b>
(33) Name of priority country	:NA	<b>2)PATEL, DHIMANT JASUBHAI</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to pharmaceutically acceptable salts of rosuvastatin of Formula (II), wherein B is an organic amine selected from lysine, arginine, triethanol amine, ethanolamine, choline, epolamine, meglumine and ethylenediamine and process for the preparation thereof.

No. of Pages : 35 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3251/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : BLACK MIXTURES OF FIBRE REACTIVE AZO REACTIVE DYESTUFFS.

(51) International classification	:D06P 5/20	(71) <b>Name of Applicant :</b> <b>1)COLOURTEX INDUSTRIES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :SURVEY NO 91, PAIKEE
(32) Priority Date	:NA	BHESTAN, NAVASARI-SURAT ROAD, SURAT-395 023,
(33) Name of priority country	:NA	GUJARAT, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DESAI; PANKAJ</b>
(87) International Publication No	:N/A	<b>2)VASHI; ASHIT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SCHUMACHER; CHRISTIAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to black reactive dyestuff mixtures, containing navy blue dyestuffs of the formula (1), orange-brown dyestuffs of the formula (2), and optionally further dyestuffs for shading. The black mixtures are suitable for coloration of fibre material, in particular for dyeing and printing of cellulose, polyamide or protein fibre materials or blends thereof, and produce dyeing and prints having good all-round fastness properties, especially wash and contact fastness, and excellent build up for deep black shades.

No. of Pages : 54 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3253/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PREPARING 4-ALKYLAMINO-3-NITROQUINOLINES

(51) International classification	:C07D 215/00; C07D 215/18	(71) <b>Name of Applicant :</b> <b>1)TRICHEM LIFE SCIENCES LIMITED</b> Address of Applicant :212, ABHISHEK BUILDING, C-5 DALIA INDL. ESTATE, OFF NEW LINK ROAD, ANDHERI (WEST), MUMBAI - 400 053, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)JOSHI, SHREERANG VIDYADHAR</b>
(33) Name of priority country	:NA	<b>2)OMALE, ARVIND UMAJI</b>
(86) International Application No	:NA	<b>3)MOTEEKAR, YOGESH PRAKASHRAO</b>
Filing Date	:NA	<b>4)JAIN, SUSHIL ASHOK</b>
(87) International Publication No	: NA	<b>5)JAIN, CHETAN RAMESH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses preparation of 4-alkylarnino-3-nitroquinoline of Formula (1) and its acid addition salts; comprising the steps of; (i) reacting 1-Nitroethylene-2-amino benzoic acid with Aluminum chloride, Thionyl chloride in presence of a high boiling aprotic, polar solvent to obtain 4-hydroxy-3-nitroquinoline; and halogenating 4-hydroxy-3-nitroquinoline with Thionyl chloride followed by animation in presence of a high boiling aprotic, polar solvent to yield 4-alkylamino-3-nitroquinolines.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3253/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : STABLE LYOPHILIZED FORMULATION OF BENDAMUSTINE

(51) International classification	:A61K 9/19	(71) <b>Name of Applicant :</b> <b>1)ASTRON RESEARCH LIMITED</b> Address of Applicant :10TH FLOOR, PREMIER HOUSE, BODAKDEV, OPP GURUDWARA, SARKHEJ - GANDHINAGAR HIGHWAY, AHMEDABAD 380054, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)HARSH RAJPUT</b>
(33) Name of priority country	:NA	<b>2)SANDIP MEHTA</b>
(86) International Application No	:NA	<b>3)PANKAJ PATEL</b>
Filing Date	:NA	<b>4)BHAVESH PATEL</b>
(87) International Publication No	:N/A	<b>5)ASHISH SEHGAL</b>
(61) Patent of Addition to Application Number	:NA	<b>6)JAYANTA KUMAR MANDAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to stable lyophilized Bendamustine composition having better impurity profile. Further, the present invention relates to process for the preparation of such stable lyophilized Bendamustine composition which is easy to reconstitute.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3255/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DETERMINING MATURITY STATUS OF AN ORGANIZATION IN A TECHNOLOGY AREA

(51) International classification	:G06Q 10/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MOHANTY Santosh Kumar</b>
Filing Date	:NA	<b>2)SHARMA Nisha</b>
(87) International Publication No	: NA	<b>3)SUBRAMONI Santha</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for determining a maturity status of an organization in a technology area are provided. The system comprises a processor and a memory coupled to the processor. The memory comprises a definition module configured to define a Technology Service Maturity Model (TSMM). The TSMM comprises a set of maturity levels indicating at least one of an aspired proficiency level and a current proficiency level of the organization in the technology area. The TSMM further comprises a set of capability attributes for each of the maturity levels. The set of capability attributes comprises at least one of competency, asset, delivery, pre-sales, collaboration, and branding. The system further comprises an assessment module configured to determine the maturity status of the organization in the technology area based upon the set of capability attributes possessed by the organization in the each of the maturity levels.

No. of Pages : 41 No. of Claims : 17



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3256/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : BIOTRANSFORMATION OF BIOLOGICALLY ACTIVE COMPOUNDS FROM MEDICINAL PLANTS

(51) International classification	:A61K45/00; A61K 36/00	(71) <b>Name of Applicant :</b> <b>1)MYKO TECH PRIVATE LIMITED</b> Address of Applicant :313 VAINGUINIM VALLEY, DONA PAULA, GOA 403 004, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SESHAGIRI RAGHUKUMAR</b>
Filing Date	:NA	<b>2)SRINIVASAN NARASIMHAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process to biotransform biologically active compounds of medicinally useful plants using the enzyme laccase. It also presents a process to biotransform biologically active herbal preparations of medicinally useful plants using the enzyme laccase. These processes enhance the bioactivity of the compounds or the herbal preparations. The invention also presents a number of products obtained from biotransformation of biologically active compounds or herbal preparations of medicinal plants with enhanced biological activities, such as anti-oxidant, anti-inflammatory and anti-diabetic activities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3256/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PIN CODE PROCESSING

(51) International classification	:G06Q 20/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)OJHA Arjun</b>
Filing Date	:NA	<b>2)GURU Nishant</b>
(87) International Publication No	: NA	<b>3)DHANE Meghana</b>
(61) Patent of Addition to Application Number	:NA	<b>4)MONTY Merylin</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a system (102) and method for processing a postal index number (PIN) code contained in a postal address information. In one implementation, the method includes receiving a address data comprising a plurality of fields of the postal address information. The method further includes determining a presence of a partial PIN code in the address data. The partial PIN code is converted to a standardized partial PIN code. The method involves obtaining the PIN code of the address data based at least on a city based information.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3257/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF ANTIVIRAL POLYSACCHARIDES FROM LABYRINTHULOMYCETES

(51) International classification	:C12P 19/00; C12P 19/04	(71) <b>Name of Applicant :</b> <b>1)MYKO TECH PRIVATE LIMITED</b> Address of Applicant :313, VAINGUINIM VALLEY, DONA PAULA, GOA - 403 004, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SESHAGIRI RAGHUKUMAR</b>
(33) Name of priority country	:NA	<b>2)HAJIB NARAHARIRAO MADHAVAN</b>
(86) International Application No	:NA	<b>3)JAMBULING MALATHI</b>
Filing Date	:NA	<b>4)KOLLENMARETH OOMMAN PHILIP</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process to produce antiviral polysaccharides derived from extracellular culture filtrate of marine labyrinthulomycetes. The antiviral polysaccharide is particularly effective against the Herpes Simplex Virus (HSV) and is derived from marine, heterotrophic protists belonging to thraustochytrids group which belongs to the Labyrinthulomycetes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3257/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : THE NOVEL OXALATE CERAMIC METHOD FOR THE SYNTHESIS AND PRODUCTION OF SPINEL FERRITES

(51) International classification	:C07F 15/06	(71)Name of Applicant : <b>1)BHATT KAPIL K</b>
(31) Priority Document No	:NA	Address of Applicant :B-2/204,ALAKNANDA C.H.S.,
(32) Priority Date	:NA	NEAR BABHAI MACHCHHI MARKET, BABHAI NAKA,
(33) Name of priority country	:NA	L.T. ROAD, BORIVALI(W) MUMBAI-400092
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	<b>2)KOTHARI .D. C</b>
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)BHATT KAPIL K</b>
Filing Date	:NA	<b>2)KOTHARI .D. C</b>
(62) Divisional to Application Number	:NA	<b>3)GARJE .S. S</b>
Filing Date	:NA	<b>4)NIWATE .Y. S</b>

(57) Abstract :

The present invention relates to a novel process of synthesis and production of spinel ferrites. This invention particularly relates to a process for synthesis for spinel ferrites by ceramic -oxalate method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3259/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM FOR CONTROLLING BURNER OPERATION FOR EFFECTIVE GAS MIXING AND BURNER MANAGEMENT FOR IGNITION FURNACE IN SINTER PLANT

(51) International classification	:C03B 17/00	(71) <b>Name of Applicant :</b> <b>1)STEEL AUTHORITY OF INDIA LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :BHILAI STEEL PLANT, BHILAI-
(32) Priority Date	:NA	490001, STATE OF CHATTISGARH, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SINGH GOPAL PRASAD</b>
(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 system for controlling burner operation for effective gas mixing and burner management for ignition furnace for sinter plant is disclosed. The invention is directed in particular to an intelligent system for software enabled selection of control mode of gas mixing to achieve constant Calorific Value (CV) and reliable operation of ignition furnace, selecting gas to air ratio, set points for process parameters as per requirement based on sinter plant operating condition. The system ensure operation of ignition furnace avoiding delay in starting of sinter machine after every small shutdown and also ensure human and equipment safety by minimizing chance of back firing. The system and method of fast, safe and user friendly control of ignition furnace in sinter plant is thus having wide scale prospects of industrial applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3271/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR PERFORMANCE MEASUREMENT AND MANAGEMENT

(51) International classification	:G06F15/167; G06F15/17	(71) <b>Name of Applicant :</b> <b>1)GLOBAL RURAL NETCO LTD.</b> Address of Applicant :GLOBAL VISION, ES-II, TTC INDUSTRIAL AREA, MIDC, MAHAPE, NAVI MUMBAI - 400 710, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)OMPRAKASH BRIJNATH SINGH</b>
(87) 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 :

Accordingly it is a principle object of the present invention to overcome the disadvantages and limitations of prior art methods and systems and provide a method and system for performance measurement and management constituted in accordance with the principles of the present invention which will be a performance measurement systems that support appropriately the organization structure and the organizational processes that are fully embedded and integrated within, so as to have much higher probability of being effective. The system carry associative functions of the method for aligning the performance efforts of the Organization via departmental & individual action to the vision of the organization.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3271/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : WEB BASED APPLICATION PERFORMANCE ANALYSIS ON DUAL CORE SYSTEM

(51) International classification	:G06Q 10/06	(71) <b>Name of Applicant :</b> <b>1)MANISH DHOTE</b> Address of Applicant :21, SHREYAS COLONY, V.M.V. ROAD, AMRAVATI - 444604 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	<b>2)GAJANAN SARATE</b>
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MANISH DHOTE</b>
(87) International Publication No	:N/A	<b>2)GAJANAN SARATE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Analyzing web- based application performance on dual core system for number of users. concurrent users playing crucial role. This is a very interesting real life example of a classic concurrency issue and very neatly illustrates the abstract process of finding a wait time issue in real life scenarios.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3276/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR THE ESTERIFICATION OF VEGETABLE OIL AND ITS FRACTION FOR BIODIESEL FUEL PRODUCTION

(51) International classification	:c11c 3/02; c11c 3/04	(71)Name of Applicant : <b>1)Najamul Husain B Mujawar</b> Address of Applicant :87/3 sama near taluka police qts panvel Raigad 410206 Maharashtra India <b>2)Rajaram Ghadge</b>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)Najamul Husain B Mujawar</b>
(33) Name of priority country	:NA	<b>2)Rajaram Ghadge</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Biodiesel fuel made from vegetable oil and its fraction such as fatty acids is being regarded as a promising substitute to the petro-diesel fuel. Disclosed is an optimized process and apparatus for more efficiently and economically carrying out the acid catalyzed esterification on fatty acid of vegetable oil. Such esterification is carried out in a bubble column reactor that provides a highly efficient reaction at relatively high temperatures.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3277/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ROTARY BALL BEARING BARREL AND PROJECTILE

(51) International classification	:F16L 55/46	(71) <b>Name of Applicant :</b> <b>1)SAURABH KALIKA SHARMA</b>
(31) Priority Document No	:NA	Address of Applicant :SHRINIWAS COLONY, H NO.169,
(32) Priority Date	:NA	WARDHA, 442001 Maharashtra India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SAURABH KALIKA SHARMA</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A barrel which increases the range and accuracy of weapons by decreasing the amount of friction between barrel and projectiles is declared. The barrel is equipped with ball bearing spiral, projectiles have groves and gun powder shell have spiral chamber of the same rotation, The ball bearing spiral is aligned with the groves on projectiles. By using such a barrel and projectiles range and accuracy of any weapon can be enhanced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3278/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : BENZOTHIAZINE COMPOUNDS AND THEIR USE AS H3 RECEPTOR LIGANDS

(51) International classification	:A61K 31/505	(71)Name of Applicant : <b>1)OXYGEN HEALTHCARE RESEARCH PVT.LTD.,</b> Address of Applicant :OXYGEN HEALTHCARE RESEARCH PVT.LTD., PLOT.NO 35, PANCHRATNA INDUSTRIAL ESTATE, NR. IBP LAXMINARAYAN PETROL PUMP, CHANGODER, SARKHEJ-BAVLA ROAD, AHMEDABAD-382 213, GUJARAT INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1) SHIRSATH VIKAS S.</b>
(33) Name of priority country	:NA	<b>2) PATEL SHAILESH M.</b>
(86) International Application No	:NA	<b>3)SHETH NEHAL M.</b>
Filing Date	:NA	<b>4)SINGH JITENDRA K.</b>
(87) International Publication No	:N/A	<b>5)PATIL PAWAN D.</b>
(61) Patent of Addition to Application Number	:NA	<b>6)PAWAR ANIL V.</b>
Filing Date	:NA	<b>7)MOTIVARAS JITENDRA D.</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides benzothiazine derivative of formula ()), useful in the treatment of CNS disorders including cognitive disorders, ADHD, narcolepsy, pain, dementias, schizophrenia as well as obesity and sleep disorders. Pharmacological profile of these compounds includes high affinity binding with H3 receptor along with favourable selectivity profile for other aminergic receptors. The present invention also includes 'their analogs, their tautomeric forms, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions.

No. of Pages : 133 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3291/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF FEBUXOSTAT

(51) International classification	:C07D277/56	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDOCO REMEDIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :INDOCO HOUSE, 166 C. S. T.
(33) Name of priority country	:NA	ROAD, SANTAKRUZ (EAST), MUMBAI - 400 098,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)RAJADHYAKSHA, MANGESH NARAYAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)JADHAV, VIDYADHAR KASHINATH</b>
Filing Date	:NA	<b>3)SHRIGADI, NILESH BALKRISHNA</b>
(62) Divisional to Application Number	:NA	<b>4)PANANDIKAR, ADITI MILIND</b>
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a novel process for the preparation of 2-[3-cyano-4-(2-methylpropoxy)phenyl]-4-methylthiazole-5-carboxylic acid and novel intermediates thereof.

No. of Pages : 38 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3293/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING BOSENTAN

(51) International classification	:C07D239/52; C07D239/69	(71) <b>Name of Applicant :</b> <b>1)Alembic Ltd.</b> Address of Applicant :Alembic Research Centre Alembic Ltd Alembic Road Vadodara GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)RAMAN Jayaraman Venkata</b>
Filing Date	:NA	<b>2)PATEL Samir</b>
(87) International Publication No	: NA	<b>3)MISTRY Samir</b>
(61) Patent of Addition to Application Number	:NA	<b>4)PARMAR Bhupendra</b>
Filing Date	:NA	<b>5)TIMBADIYA Mukesh</b>
(62) Divisional to Application Number	:NA	<b>6)MADAM Malde</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for preparing Bosentan of formula (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3293/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN EQUIPMENT FOR ELIMINATING THE NOISE AND VIBRATION IN A PEDESTAL FAN;  
AND A PEDESTAL FAN THEREOF

(51) International classification	:G05B 5/01	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE,6TH FLOOR,
(32) Priority Date	:NA	DR.ANNIE BESANT ROAD, WORLI, MUMBAI 400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BHAT AMIT</b>
(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 relates to a pedestal fan incorporating an equipment for eliminating the noise and vibration, said equipment comprising a first part and a second part; wherein the first part further comprises of a U-shaped region for gripping the telescopic shaft of the pedestal fan and a straight region connecting the U-shaped region to the second part; and the second part attached to straight region of the first part at one end and the back guard of the pedestal fan at the other end.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SELF CONFIGURING KNOWLEDGE BASE REPRESENTATION

(51) International classification	:H04L 12/24	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ARUN PANDE</b>
(87) International Publication No	:N/A	<b>2)SUNIL KUMAR KOPPARAPU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A self configuring knowledge representation system and method is presented which self configures based on the external stimuli in order to answer the query in a way best suited to the user. The domain knowledge representation here is by way of graphs that allows the knowledge to self configure based on the query intent to give specific to the query answers.

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

(54) Title of the invention : COLOURFUL AND LOW COST SOLAR CELL BASED ON CHEMICALLY DEPOSITED ZNO FILMS

(51) International classification	:C23C14/35; C23C16/40	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. BABASAHEB RAGHUNATH SANKAPAL</b>
(32) Priority Date	:NA	Address of Applicant :THIN FILM & NANO SCIENCE
(33) Name of priority country	:NA	LABORATORY, DEPARTMENT OF PHYSICS NORTH
(86) International Application No	:NA	MAHARASHTRA UNIVERSITY, JALGAON - 425 001,
Filing Date	:NA	(M.S.), MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)DR. BABASAHEB RAGHUNATH SANKAPAL</b>
Filing Date	:NA	<b>2)MR. PRASHANT KISHOR BHAVISKAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In present invention, the wide band gap n-type ZnO has been synthesized using combination of simple and low cost chemical methods namely: successive ionic layer adsorption and reaction (SILAR) and Chemical Bath Deposition (CBD) on fluorine doped tin oxide (FTO) coated glass substrate with post annealing at just 200 °C. The deposited film of ZnO was characterized by using different characterization techniques for structural, surface morphological, and compositional studies, prior to the fabrication of device. For the development of colorful solar cell, we used ruthenium metal free dyes: Eosin-Y, Coumarin 343 and Methylene Blue for red, yellow and blue colors respectively having different spectral coverage of visible spectra. Using these three dyes, other different color are possible to form. This possibility is shown by considering one example by combining Eosin-Y and Coumarin 343 to form orange color dye. The device completion was done with polyiodide as a liquid electrolyte and platinum as a counter electrode. After the development of complete device, current - voltage (I-V) characteristics under dark as well as under illumination of sunlight with 100 mW/cm<sup>2</sup> light intensity at AM 1.5G (1 sun). I-V performance of colorful device using three color dyes and there possible combination on ZnO electrode for colorful solar cell was carried out at room temperature. The efficiency is reported for individual dye where as enhancement in efficiency is observed with combination of two color dyes (red+yellow) showing two different absorption maxima of visible spectra, supported by optical measurement. This shows the possibility to cover the whole visible range to produce different color solar cells. This invention is useful for the replacement of every color which is in contact with sunlight which can serve dual purpose e.g. red color roof-tile can be replaced with the red color solar cell which can serve as roof-tile as well as solar cell to generate electricity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.13/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/01/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR PREPARING ARIPIRAZOLE

(51) International classification	:C07D215/2; C07D215/227
(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)WOCKHARDT LIMITED**

Address of Applicant :D-4 MIDC Industrial area  
Chikalthana Aurangabad - 431210 MAHARASHTRA,  
INDIA.

(72)Name of Inventor :

**1)Kumar Mukesh**

**2)Mishra Shri Krishna**

**3)Rao Bhatraju Srinivasa**

**4)Deo Keshav**

(57) Abstract :

The present invention relates to a process for the preparation of aripiprazole from 7-(4-halobutoxy)-3,4-dihydrocarbostyryl by using solvent system comprising combination of two or more solvents wherein formation of dimmer impurity is less than 0.15%.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3280/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SUPPORTED UNDECAPHOSPHOTUNGSTATE CATALYST FOR AEROBIC EPOXIDATION OF ALKENES

(51) International classification	:C07D301/00; B01J 21/04	(71) <b>Name of Applicant :</b> <b>1)M.S. UNIVERSITY OF BARODA</b> Address of Applicant :SAYAJIGUNJ, VADODARA 390 002, GUJRAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PATEL, ANJALI</b>
Filing Date	:NA	<b>2)SHRINGARPURE, PRAGATI A</b>
(87) 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 heterogeneous catalyst comprising supported undecaphosphotungstate. A process for selective epoxidation of cycloalkene comprising reacting a cyclic olefin with an oxidizing agent in the presence of catalyst comprising supported undecaphosphotungstate on neutral alumina.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3280/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DECARBONYLATION OF ALDEHYDES

(51) International classification	:C12N 15/09	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY</b> Address of Applicant :BOMBAY, POWAI, MUMBAI- 400076, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PROF. DEBABRATA MAITI</b>
Filing Date	:NA	<b>2)ATANU MODAK</b>
(87) International Publication No	:N/A	<b>3)ARGHYA DEB</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for decarbonylation of aldehydes (R-CHO) comprising contacting the aldehyde with a solvent selected from the group comprising cyclohexane or dichloroethane in the presence of a palladium catalyst, optionally a base, under conditions that promote the catalyst to catalyze the decarbonylation of the aldehyde to yield a corresponding decarbonylated product. This invention also relates to a process for one-pot oxidation and decarbonylation of alcohol (R-OH) and a process for microwave assisted decarbonylation of aldehyde.

No. of Pages : 61 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3281/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : USE OF METHYL ESTER(S) OR FATTY ACID METHYL ESTER(S) FOR HAIR APPLICATION.

(51) International classification	:A61K9/42	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)RAVI SAINI</b>
(32) Priority Date	:NA	Address of Applicant :WITMANS INDUSTRIES,
(33) Name of priority country	:NA	#205/206, 2ND FLOOR, KALPATRU PLAZA, CHINCHOLI
(86) International Application No	:NA	BUNDER ROAD, OFF. S. V. ROAD, MALAD (W),
Filing Date	:NA	MUMBAI- 400 064, MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)N/A</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to the method and process of producing non-sticky hair oil using methyl ester(s) or fatty acid methyl ester(s) with preferred carbon chain, as an alternative to mineral oil or vegetable oil as diluents or solvents in hair oil formulations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3282/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE FOR PHOTO-DYNAMIC THERAPY OF A LIVING ORGANISM'S TISSUES

(51) International classification	:A61N5/00; A61N5/06	(71) <b>Name of Applicant :</b> <b>1)ABDULA KURKAYEV</b> Address of Applicant :TIMOT UTCA 6, H-1097 BUDAPEST, HUNGARY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ABDULA KURKAYEN</b>
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 :

Invention relates to devices for photo-dynamic therapy of a living organisms tissues comprising an optical light exposure system (I) containing at least one source of light (2) selected from a group including light sources of high power and big range of wavelength, single LEDs, LEDs in a matrix-arrangement, halogen light sources, laser diodes, laser light sources, a suspension supply system (II) and a system (III) for simultaneous delivery and irradiation of a suspension of a photosensitizer, whereas a central control system (1) is connected to suspension supply system (II) and to a control unit (3) of at least one source of light (2) of the optical light exposure system (I) and enables a simultaneous or a separate operation of both systems (I) and (II).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3283/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHT EXPOUSE DEVICE FOR TREATING A LIVING ORGANISM'S BODY

(51) International classification	:A61N5/06; A61N5/067	(71) <b>Name of Applicant :</b> <b>1)ABDULA KURKAYEV</b> Address of Applicant :TIMOT UTCA 6, H-1097 BUDAPEST, HUNGARY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ABDULA KURKAYEN</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a light exposure device for treating a living organisms body, comprising controllable light sources (12) and a central control system (I) of light sources (12). Pursuant to one of embodiments under the present invention, light sources (12) are arranged into groups (IV) and every group (IV) of light sources (12) is coupled to central control system (I) enabling an independent operation of every single group (IV) of light sources (12), and further a system (II) for measuring physiological parameters of a living organism and a physiological parameters controller (V), and wherein measuring system (II) and controller (V) are connected to central control system (I).

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3283/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A DIN RAIL CLAMP

(51) International classification	:H01R 9/24	(71) <b>Name of Applicant :</b> <b>1)EMERSON ELECTRIC COMPANY</b> Address of Applicant :8000 WEST FLORISSANT AVENUE ST. LOUIS, MISSOURI 63136 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DESHPANDE, ATUL</b>
Filing Date	:NA	<b>2)JOSHI, PADMANABH</b>
(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 clamping device for mounting a base module on a DIN rail is disclosed. The clamping device includes a clamp base, actuator screws, push plates, clamping hooks, and springs. The clamp base is having a planar portion and side walls. The side walls of the clamp base is provided with serrations that indent into DIN rail flange. Further, the planar portion is provided with an aperture for affixing the clamp base to the base module. The pair of actuator screws rotate and pass through the planar portion of the clamp base for facilitating movement thereof with respect to the clamp base. Each push plate is secured to of corresponding actuator screw and is adapted to be either in lifted or seated configuration based on movement of the actuator screw. Each clamping hook includes a first end supported by corresponding push plate and second end movable between engaged disengaged configuration-

No. of Pages : 66 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3284/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ARRESTING GEAR SYSTEM

(51) International classification	:B64F 1/00	(71) <b>Name of Applicant :</b> <b>1)DIRECTOR GENERAL, DEFENCE RESEARCH &amp; DEVELOPMENT ORGANIZATION (DRDO)</b> Address of Applicant :MINISTRY OF DEFENCE, GOVT OF INDIA, ROOM NO.348,B-WING, DRDO BHAVAN,RAJAJI MARG, NEW DELHI, 110 105 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)SIDDALINGAPPA, GURUPRASAD</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An arresting gear system for decelerating an aircraft on a ship deck is disclosed. The arresting gear system includes a hydraulic cylinder, a first reef mechanism, a second reel mechanism, a wire rope mechanism, a reservoir, a means for facilitating flow of the hydraulic fluid from the reservoir to the cylinder, an elongated orifice, an orifice actuator and a controlling means. The wire rope mechanism adapted to be operationally disposed on the first reel mechanism and the second reel mechanism. The elongated orifice having a rectangular cross-section is configured on the hydraulic cylinder and adapted to facilitate flow of the hydraulic fluid between the hydraulic cylinder and the reservoir. The orifice actuator adapted to regulate flow of the hydraulic fluid from the hydraulic cylinder to the reservoir. The controlling means is adapted for controlling movement of the orifice actuator.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3285/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A QUADROTOR BASED FLYING WING FOR RECONNAISSANCE AND A METHOD THEREOF

(51) International classification	:B64C 1/26	(71)Name of Applicant : <b>1)DIRECTOR GENERAL, DEFENCE RESEARCH &amp; DEVELOPMENT ORGANIZATION (DRDO)</b>
(31) Priority Document No	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT
(32) Priority Date	:NA	OF INDIA, ROOM NO.348,B-WING, DRDO
(33) Name of priority country	:NA	BHAVAN,RAJAJI MARG, NEW DELHI, 110 105
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)SIDDALINGAPPA, GURUPRASAD</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable flying wing device for reconnaissance and surveillance including a quadrotor further including high-speed propellers configured for vertical take-off and landing (VTOL). an adjacent pair of said high-speed propellers configured to exert relatively higher thrust for turning said device into a horizontal flight mode, displaceable wings having a span disposed perpendicularly to a span of said quadrotor. said displaceable wings adaptable to transit to a dihedral angle configuration. Flaps are coupled to displaceable wings, the flaps adaptable to lift by an angle further to said dihedral angle. An electric motor is coupled to said quadrotor for noiseless propulsion. A high resolution camera is coupled to said quadrotor and displaceable wings for monitoring a region of interest. An auto-pilot controller includes: an intelligent navigator; a device stabilizer; a transceiver; and an origin re-router adaptable to restore the device to a take-off position. Other embodiments are also disclosed.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3286/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : VERTICAL LOCKING LOCK

(51) International classification	:B60K 28/00	(71) <b>Name of Applicant :</b> <b>1)DR. JOSHI PRABHAKAR ANANT</b> Address of Applicant :WELMADE LOCKING SYSTEM PVT.LTD., J-61,M.I.D.C, BHOSARI,PUNE 411 026, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)JOSHI SALIL PRABHAKAR</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)DR. JOSHI PRABHAKAR ANANT</b>
(61) Patent of Addition to Application Number	:NA	<b>2)JOSHI SALIL PRABHAKAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vertical locking lock including a lock casing body, a vertical latch bolt mechanism, a latch handle, a dead bolt mechanism, a spring loaded stopper, a double crank cam and a knob, is disclosed. The vertical latch bolt mechanism is slidingly disposed on an inner surface of the lock casing body and includes at least one vertical latch bolt. The dead bolt mechanism is slidingly disposed on the vertical latch bolt mechanism and on the inner surface of the lock casing body. The dead bolt mechanism includes at least two dead bolts and a stopper receiving member. The spring loaded stopper is slidingly disposed inside the stopper receiving member and facilitates sliding motion of the deadbolt mechanism for enabling locking and unlocking configuration of the dead bolt mechanism.

No. of Pages : 66 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3261/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE FOR EASY REMOVAL OF JAMMED LABORATORY GLASSWARE

(51) International classification	:F16L 19/00	(71) <b>Name of Applicant :</b> <b>1)MAYURI MYSOREKAR</b>
(31) Priority Document No	:NA	Address of Applicant :407/GULMOHAR PARADISE,
(32) Priority Date	:NA	OPPOSITE W.N.C. FACTORY SOPANAGAR,
(33) Name of priority country	:NA	WADGAONSHERI NAGAR ROAD PUNE-411014
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)MAYURI MYSOREKAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A very simple, re-usable device for easy removal of jammed objects, particularly glass objects used in joints in the laboratory. It comprises an elongated thread like structure .made of different materials having the property of flexibility and gripping such as Rubber, Silicon, Coir, Cotton, Velcro etc., Once the device is wound around the jamrned object, it is gripped with hand and movement is in circular direction which may be clockwise or anti-clockwise. This results in easy removal of the jammed object, particularly jammed glass objects in the laboratory.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3264/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF DRONEDARONE HYDROCHLORIDE

(51) International classification	:C07D307/80
(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)MEGAFINE PHARMA (P) LTD.**

Address of Applicant :4th FLOOR, SETHNA, 55,  
MAHARSHI KARVE ROAD, MARINE LINE, MUMBAI -  
400 002 MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)MATHAD VIJAYAVITHAL THIPPANNACHAR**

**2)PATIL NILESH SUDHIR**

**3)MALI ANIL CHATURLAL**

**4)TALLA RAJESH**

**5)DEORE SHAM NAVANEET**

**6)BODAKE MAHENDRA BHAGIRATH**

**7)IPPAR SHARAD SUBHASH**

(57) Abstract :

An improved process for the preparation of the dronedarone of formula (VI); wherein the said process comprising: a. reacting, 2-n-butyl 3-(4-hydroxy benzoyl) 5-nitro benzofuran of formula (II) with 1-chloro 3-di-n-butylamino propane of formula (III); in the presence of first solvent and a base to 2-n-butyl 3-[4-(3-di-n-butylamino-propoxy)benzoyl] 5-nitro benzofuran of formula (IV); b. reducing the compound of formula (IV) in the presence of the second solvent and a catalyst to obtain 5-amino 3-[4-(3-di-n-butylamino-propoxy)benzoyl] 2-n-butyl benzofuran of formula (V); c. reacting the compound of formula (V) with methanesulfonyl chloride and pyridine and optionally in the presence of the third solvent to obtain dronedarone of formula (VI) and d. optionally the dronedarone of formula (VI) may be converted into its acid addition salt.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3264/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A CURRENT COLLECTOR PAD AND TERMINAL BOX USING SAID CURRENT COLLECTOR PADS.

(51) International classification	:F24H 1/14	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CROMPTON GREAVES LTD., CG
(32) Priority Date	:NA	HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI,
(33) Name of priority country	:NA	MUMBAI - 400 030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WADBUDE SAHEBRAO</b>
(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 current collector pad adapted to be fitted between insulator bushing and supply cable for an electrical assembly, said pad being a substantially disc shaped member having a first disc, a co-axial polygonal disc atop said first disc, and a second coaxial disc stop said polygonal disc, each of said discs having progressively reducing radii, thereby forming a stepped assembly. There is also provided a terminal box comprising a plurality of supply cables and a plurality of corresponding insulator bushings, said terminal box comprising said current collector pad adapted to be fitted between each pair of said insulator bushing and said supply cable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3265/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN INJECTION MOULDING APPARATUS AND PROCESS

(51) International classification	:B29C45/00; B29C45/57	(71) <b>Name of Applicant :</b> <b>1)NILKAMAL LIMITED</b> Address of Applicant :SURVE NO.354/2 & 354(3), NEAR RAKHOLI BRIDGE, SILVASSA-KHANVEL ROAD, VILLAGE VASONA, SILVASSA(D & NH), GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PAREKH HITEN</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An injection moulding apparatus and process is discloses wherein an injection unit having a first hopper and a second hopper cooperates with a first screw and barrel assembly and a second screw and barrel assembly respectively. A clamping unit having a hot runner manifold and a mould cooperates with the injection unit. The molten raw material is caused to flow from the first screw and barrel assembly and the second screw and barrel assembly the mould. The injection moulding apparatus and process helps in manufacturing article/product having finishing resembling that of natural materials and thus provides better aesthetic appearance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.23/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/01/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ASSESSING OPTICAL PERFORMANCE QUALITY OF A GEMSTONE

(51) International classification	:G01N21/87	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)JANAK ARVINDBHAI MISTRY</b>
(32) Priority Date	:NA	Address of Applicant :1, GANESH PARK SOCIETY, NR.
(33) Name of priority country	:NA	LIONS CLUB, BESIDES LALJI NAGAR, ADAJAN, SURAT
(86) International Application No	:NA	- 395 009, GUJARAT, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)JANAK ARVINDBHAI MISTRY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an apparatus and method for assessing optical performance quality of a gemstone. The apparatus comprises a means for holding atleast one gemstone, a dome adapted over the means for holding surrounding/covering the gemstone; atleast one light source adapted inside the dome to throw light at the centre of the dome. The method for assessing optical performance quality of a gemstone, comprises steps of providing a gemstone to be assessed for optical performance quality, holding the gemstone under a dome; focussing light over the gemstone, and assessing optical performance quality of the gemstone through unaided eyes by viewing Effective Total Angular Size (ETAS) pattern of the gemstone reflected over the dome.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3300/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : LAGENARIA SICERARIA EXTRACTS, PROCESSES FOR PREPARING THE SAME AND MEDICINAL FORMULATIONS CONTAINING LAGENARIA SICERARIA EXTRACT

(51) International classification

:A61K  
6/00

(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)KALSAIT RAVI**

Address of Applicant :34 'USHA KUNJ' MODERN  
HOUSING SO., INGOLE NAGAR, NEAR HOTEL PRIDE,  
WARDHA ROAD NAGPUR,(AIRPORT)440005,  
MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)KALSAIT RAVI**

**2)DR.BHUSARI KISHOR**

**3)DR. MATHUR VIJAY**

**4)DR. SAOJI ASHOK**

(57) Abstract :

The present invention provides Lagenaria siceraria extracts and processes for preparing the same. The present invention also provides medicinal formulations containing Lagenaria siceraria extracts. The present invention further provides a process for isolation of phytosterol from Lagenaria siceraria extract.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3302/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE AND METHOD TO MODULATE POSITIVE AND NEGATIVE AMPLITUDES OF CARRIER SIGNAL BY SEPARATE MODULATING SIGNALS.

(51) International classification	:h04l 27/20; h04l 27/12; h04l 27/10	(71) <b>Name of Applicant :</b> <b>1)Tushar S Gokhale</b> Address of Applicant :House No. 16644 (N-3/29/1) Ganesh Chowk Road New CIDCO Nasik 422009 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)Tushar S Gokhale</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to amplitude modulation used in electronic communication devices. Existing method of amplitude modulation employs change in amplitude of a carrier signal with respect to amplitude of a modulating signal. In this method amplitude of carrier signal is modulated on positive and negative side of carrier wave and both sides carry same modulating signal. The invented method of modulating two different modulating signals on one carrier comprises of a device that modulates one modulating signal on positive side of the carrier wave and another signal on negative side of a carrier wave before transmission. A receiver comprises of two de-modulators to retrieve the two signals transmitted on one carrier wave.

No. of Pages : 7 No. of Claims : 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3304/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : CASTING DESIGNER WALLS FOR BUILDING BY USING MOULDS

(51) International classification	:e04g 9/10; e04g 11/04	(71) <b>Name of Applicant :</b> <b>1)PAWAR PRAKASH PRABHAKAR</b> Address of Applicant :CHANDAN NAGAR, NAGAR ROAD, PUNE 411 014 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PAWAR PRAKASH PRABHAKAR</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention related to the constructions of wall more particularly to the technique of civil engineering wherein using a mould inside the formwork for casting designer walls to be used in the construction process without using plastering and thereby eliminating the time and cost of conventional wall making process. The present invention relates to the construction of reinforced concrete building structure, and more particularly, to reinforced concrete construction systems and method of using designer moulds inside the formwork to create various designs and smooth finish of the concrete on the surface of the casted walls, which results in the elimination of plastering or paneling. The use of moulds inside the formwork offers advantages in terms of reduced cost, increased efficiency (in terms of reducing the labor for plastering) and aesthetically appealing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3265/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF GLIPIZIDE

(51) International classification	:C07D 239/36	(71) <b>Name of Applicant :</b> <b>1)IPCA LABORATORIES LIMITED</b> Address of Applicant :48, KANDIVLI INDUSTRIAL ESTATE, CHARKOP, KANDIVALI(WEST), MUMBAI-400 067, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KUMAR, ASHOK</b>
(87) International Publication No	:N/A	<b>2)SOUDAGAR, SATISH RAJANIKANT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NIJASURE, AVINASH MANOHAR</b>
Filing Date	:NA	<b>4)GAWADE, SANJAY PANDURANG</b>
(62) Divisional to Application Number	:NA	<b>5)JHA, MUKESH SUBODH</b>
Filing Date	:NA	

(57) Abstract :

The present invention discloses a short, efficient process for preparation of antidiabetic drug Glipizide of formula IV. The invention also discloses preparation of N-[2-[4-(aminosulfonyl)phenyl]ethyl]-5-methylpyrazine-carboxamide of formula-I, an intermediate used in the synthesis of the Glipizide comprising reacting an ester of formula II withp-(P-amino-ethyl-)benzene sulphonamide of formula III.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3266/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONCENTRATING SOLAR COOKER WITH DISH OPENING AND UMBRELLA

(51) International classification	:F24J 3/00	(71) <b>Name of Applicant :</b> <b>1)CHANDAK AJAY GIRDHARILAL</b>
(31) Priority Document No	:NA	Address of Applicant : 'SHAMGIRI', AGRA ROAD, OPP.
(32) Priority Date	:NA	SWAGAT LODGE, DEOPUR, DHULE: 424 005, STATE:
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHANDAK AJAY GIRDHARILAL</b>
(87) International Publication No	:N/A	<b>2)CHANDAK ANURAG AJAY</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GULVE VIKAS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Concentrating Solar Cooker with Dish Opening and Umbrella is provided. Concentrating Solar Cooker with Dish Opening and Umbrella comprises of a reflector dish with opening through which the pot can be accessed from the rear side of the reflector dish and an umbrella provided for the comfort of the operator who can work in shed.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3267/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A COMPOSITION SUITABLE FOR USE IN BUILDING CONSTRUCTION

(51) International classification	:C04B 26/06; C04B 28/00	(71) <b>Name of Applicant :</b> <b>1)JOSHI, PRADEEP VASANT</b> Address of Applicant :FLOT NO. 4, 'ASHAY SANKUL', UNITED WESTERN HSG. SOC., KARVE NAGAR, PUNE- 411052 Maharashtra India
(31) Priority Document No	:NA	<b>2)JOSHI, SHILPA PRADEEP</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)JOSHI, PRADEEP VASANT</b>
(86) International Application No	:NA	<b>2)JOSHI, SHILPA PRADEEP</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a composition suitable for use in building construction which comprises water; at least one thickener; at least one pH stabilizer; at least one preservative; at least one coalescing agent; at least one binder selected from the group consisting of polyurethane, epoxy resin emulsion, rosin based emulsion, alkyd resin, vinyl acetate monomer based emulsion, vinyl ester of versatic acid, acrylic polymer, styrene polymer, CNSL emulsion, shellac emulsion, low viscosity vinyl acrylic polymer, elastomeric acrylic emulsion and silicon emulsion; bottom ash; silica particle mixture; stone grit; a filler; an extender; and optionally, at least one additive selected from the group of additives consisting of a dispersing agent, a wax emulsion and a property modifying agent.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3267/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SOLAR WALL

(51) International classification

:F24J  
2/00

(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)CHANDAK AJAY GIRDHARILAL**

Address of Applicant : 'SHAMGIRI', AGRA ROAD, OPP.  
SWAGAT LODGE, DEOPUR, DHULE:424 005, STATE:  
MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)CHANDAK AJAY GIRDHARILAL**

**2)CHANDAK ANURAG AJAY**

**3)DWIVEDI ARUN**

(57) Abstract :

A solar wall comprising of a structure with reflecting surface is provided at one end of land, roof or pond to improve its utilisation. Reflectors mounted on the surface of the solar wall are facing land, roof or pond reflect solar radiation towards land, roof or pond as the case may be. Solar wall is used for accelerating the applications like drying, evaporation etc. and improve land usage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3268/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF 3-BENZYLOXYBENZENTHIOL, A KEY INTERMEDIATE FOR THE PREPARATION OF PHARMACEUTICAL DRUGS.

(51) International classification	:C07C323/20; C07C319/02	(71)Name of Applicant : <b>1)ARCH PHARMALABS LIMITED</b> Address of Applicant :H WING, 4th FLOOR, TEX CENTRE, OFF SAKI VIHAR ROAD, CHANDIVALI, ANDHERI (EAST), MUMBAI-400 072, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)PAI, GANESH GURPUR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MAHAJN, SATISH WASUDEV</b>
Filing Date	:NA	<b>3)DHARAP, YASHWANT VASUDEV</b>
(62) Divisional to Application Number	:NA	<b>4)BARHATE, ARUN TUSHIRAM</b>
Filing Date	:NA	<b>5)RANJANE, DEEPAK HANUMANT</b>

(57) Abstract :

Disclosed herein is an efficient and economical process for the preparation of 3-Benzyloxybenzenethiol of formula-I which is a key intermediate for the preparation of pharmaceutical drugs. R is hydrogen, halogen, trihalomethyl, lower alkoxy having 1-4 carbon atoms, lower alkyl having 1-7 carbon atoms, substituted or unsubstituted arylalkyl or substituted or arylloxy and the like. R is hydrogen, halogen, trihalomethyl, lower alkoxy having 1-4 carbon atoms, lower alkyl having 1-7 carbon atoms, substituted or unsubstituted arylalkyl or substituted or arylloxy and the like.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : BIOMASS GASIFIER STOVE

(51) International classification	:F24B 5/02	(71) <b>Name of Applicant :</b> <b>1)CHANDAK AJAY GIRDHARILAL</b>
(31) Priority Document No	:NA	Address of Applicant : 'SHAMGIRI' AGRA ROAD,OPP.
(32) Priority Date	:NA	SWAGAT LODGE, DEOPUR, DHULE :424 005,
(33) Name of priority country	:NA	STATE:MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHANDAK AJAY GIRDHARILAL</b>
(87) International Publication No	:N/A	<b>2)CHANDAK ANURAG AJAY</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PATIL SHAM</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A biomass gasifier stove is provided. A biomass gasifier stove comprises of an outer shell, inner combustion chamber, base with tapered chute, water tray, guide rod, shaker rod with pivot, fan and regulator, and air flow distributor pipe with air flow distribution valve which primarily consists of fixed and moving flaps, wherein overlap of these flaps changes the openings of primary and secondary air.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR PREPARING ZAFIRLUKAST AND ITS INTERMEDIATES

(51) International classification	:C07D209/18
(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)BABASAHEB PANDURANG BANDGAR**

Address of Applicant :SCHOOL OF CHEMICAL  
SCIENCES SOLAPUR UNIVERSITY SOLAPUR SOLAPUR-  
PUNE HIGHWAY, KEGAON SOLAPUR-  
413255,MAHARASHTRA, INDIA.

**2)SANJAY SURESH SAWANT**

**3)S.M. SALMAN JAWEED MUKARRAM**

(72)Name of Inventor :

**1)BABASAHEB PANDURANG BANDGAR**

**2)SANJAY SURESH SAWANT**

**3)S.M.SALMAN JAWEED MUKARRAM**

(57) Abstract :

The present invention relates to an improved process for the preparation of Zafirlukast, which comprises condensation of 4-(5-cyclopentyloxycarbonylamino-1 -methyl-1 H-indol-3-ylmethyl)-3-methoxy-benzoic acid with o-toluene sulphonamide in presence of cyanuric chloride to provide Zafirlukast.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3306/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A STABLE READY-TO USE CETRORELLIX INJECTION

(51) International classification	:A61K38/08; A61K47/12	(71) <b>Name of Applicant :</b> <b>1)ASTRON RESEARCH LIMITED</b> Address of Applicant :10th FLOOR, PREMIER HOUSE, BODAKDEV, OPP. GURUDWARA, SARKHEJ- GANDHINAGAR HIGHWAY, AHMEDABAD 380 054. GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PANKAJ PATEL</b>
(33) Name of priority country	:NA	<b>2)BHAVESH PATEL</b>
(86) International Application No	:NA	<b>3)ASHISH SEHGAL</b>
Filing Date	:NA	<b>4)JAYANT KUMAR MANDAL</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a stable ready-to-use aqueous pharmaceutical preparation containing Cetorelix or its pharmaceutically acceptable salt, wherein the preparation does not contain any surfactant. Further, the present invention discloses process for the preparation of said stable ready-to-use aqueous pharmaceutical preparation.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR PREPARING BRIMONIDINE OR SALTS THEREOF

(51) International classification	:C07C 209/00	(71)Name of Applicant : <b>1)BABASAHEB PANDURANG BANDGAR</b> Address of Applicant :SCHOOL OF CHEMICAL SCIENCES SOLAPUR UNIVERSITY SOLAPUR SOLAPUR - PUNE HIGHWAY, KEGAON SOLAPUR-413255, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	<b>2)SANJAY SURESH SAWANT</b>
(32) Priority Date	:NA	<b>3)S.M. SALMAN JAWEED MUKARRAM</b>
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)BABASAHEB PANDURANG BANDGAR</b>
Filing Date	:NA	<b>2)SANJAY SURESH SAWANT</b>
(87) International Publication No	:N/A	<b>3)S.M.SALMAN JAWEED MUKARRAM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of Brimonidine or salt thereof, which involves methylation of 5-bromo-6-thioureidoquinoxaline with dimethyl sulfate to provide S-methyl-5-bromo-6-thioureidoquinoxaline, which is cyclized in presence of ethylenediamine-p-toluene sulfonic to provide Brimonidine or salt thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3307/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR PREPARING CLONIDINE OR SALT THEREOF.

(51) International classification	:C08G 65/28	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)BABASAHEB PANDURANG BANDGAR</b>
(32) Priority Date	:NA	Address of Applicant :SCHOOL OF CHEMICAL
(33) Name of priority country	:NA	SCIENCES SOLAPUR UNIVERSITY SOLAPUR SOLAPUR
(86) International Application No	:NA	- PUNE HIGHWAY, KEGAON SOLAPUR- 413255,
Filing Date	:NA	MAHARASHTRA, INDIA.
(87) International Publication No	:N/A	<b>2)SANJAY SURESH SAWANT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)S.M. SALMAN JAWEED MUKARRAM</b>
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	<b>1)BABASAHEB PANDURANG BANDGAR</b>
Filing Date	:NA	<b>2)SANJAY SURESH SAWANT</b>
		<b>3)S.M.SALMAN JAWEED MUKARRAM</b>

(57) Abstract :

The present invention relates to a process for the preparation of Clonidine or salt thereof, which involves methylation of 2, 6-dichlorophenyl thiourea with dimethylsulphate to provide 2, 6-dichlorophenyl-S-methyl thiourea, which is cyclized in presence of ethylenediamine-p-toluene sulfonic acid to provide Clonidine.

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

(54) Title of the invention : AN AUTOMATIC MOTOR CONTROLLER FOR TRANSFERRING AN OPTIMUM QUANTITY OF A FLUID TO A TARGETTED AREA

(51) International classification	:F16H61/423; F16H61/40	(71) <b>Name of Applicant :</b> <b>1)HI HILL TECHNOLOGIES,</b> Address of Applicant :A-6,RANE CLASSICS, SOMESHWARWADI, OFF BANER RD. PUNE, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TARANG TUSHARCHANDRA PATEL &amp; SATYEN</b>
(87) International Publication No	: NA	<b>PRAVINRAO DESHMUKH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic motor controller for transferring an optimum quantity of a fluid to a targeted area comprising a motor controller interfaced with a microcontroller that is operable for water pumping during a set-time; the time settings (current time, ON time and OFF time) allowing a required fluid supply to the field by connecting a pump motor to a contactor or a starter of any type and capacity; a control panel provided for time setting with a LCD display, the LCD further displaying unavailability of fluid if any, and switches off the motor to avoid dry run of the motor; a RTC for time settings or change in set-time corresponding to the availability of resources, the controller automatically changing the set-time of the setting motor to extend its operation beyond the originally set-time to recover the time which is lost during the OFF-period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3318/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : TICKET MANAGEMENT SYSTEM

(51) International classification	:G06K7/08; G06K19/07	(71) <b>Name of Applicant :</b> <b>1)WANI, MUKUND GOVIND</b> Address of Applicant :202, SUNSHINE RIVERA, SPICER COLLEGE ROAD, NEAR OCTRAI NAKA, ANUDH, PUNE- 411 007 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)SHETE, MANOJ PRADIP</b>
Filing Date	:NA	<b>3)SAHU, ARCHANA LAMBODAR</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)WANI, MUKUND GOVIND</b>
Filing Date	:NA	<b>2)SHETE, MANOJ GOVIND</b>
(62) Divisional to Application Number	:NA	<b>3)SAHU, ARCHANA LAMBODAR</b>
Filing Date	:NA	

(57) Abstract :

A modular ticket management system for simplistic transaction is disclosed herein. The modular ticket management system comprises an on-board module and a stationary module. the on-board module is a portable hand-held, or other wise mountable, device to be operated in an in-transit vehicle. The on-board module is enabled to dispense instantaneous tickets by validating and reading a passenger smart card, calculating corresponding distance and fare for a ticket and printing the ticket; The stationary module is enabled to maintain detailed records of the ticket management system by issuing smart cards to the passengers and by storing transaction records transferred from the on-board module.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3319/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 6-[(1-METHYL-4-NITRO-1H-IMIDAZOL-5-YL)THIO]-1H-PURINE

(51) International classification	:A61K 31/00	(71)Name of Applicant : <b>1)NEON LABORATORIES LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :DAMJI SHAMJI INDUSTRIAL
(32) Priority Date	:NA	COMPLEX, MAHAKALI CAVES ROAD, ANDHERI(EAST),
(33) Name of priority country	:NA	MUMBAI-400093, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DALVI, MAHESH BHAGOJI</b>
(87) International Publication No	:N/A	<b>2)TARADE, PRADEEP KISAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a one-pot economical process for preparation of highly pure 6-[(1-methyl-4-nitro-1H-imidazol-5-yl)thio]-1H-purine by reacting 6-mercaptapurine with 5-halo-1-methyl-4-nitro-1H-imidazole in presence of a base in aqueous medium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3320/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ESSENTIAL PHOSPHOLIPID STABLE, FREE FLOWING GRANULES ENCAPSULATED INHARD GELATIN CAPSULES

(51) International classification	:A61K 38/17	(71)Name of Applicant : <b>1)NEON LABORATORIES LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :140, DAMJI SHAMJI INDUSTRIAL
(32) Priority Date	:NA	COMPLEX, MAHAKALI CAVES ROAD,
(33) Name of priority country	:NA	ANDHERI(EAST),MUMBAI- 400093, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)PARAB, INDIRA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)NARKHEDE, VIRENDRA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a pharmaceutical composition comprising non-sticky, free flowable, dried granules of essential phospholipid as active ingredient along with pharmaceutically acceptable excipients encapsulated into hard gelatin capsules and to the process of preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3321/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR PURIFICATION OF LOVASTATIN

(51) International classification	:C07D 311/00	(71) <b>Name of Applicant :</b> <b>1)Sterling Biotech Limited</b> Address of Applicant :43 Atlanta Building Nariman Point Mumbai 400021 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)VARDHAN Anand</b>
Filing Date	:NA	<b>2)BELWAL Chandrakant</b>
(87) International Publication No	: NA	<b>3)Venkateswarlu P.</b>
(61) Patent of Addition to Application Number	:NA	<b>4)BALTE Anup S.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the purification of lovastatin that reduces the level of unknown impurities to below 0.10%. The present invention also discloses a process that is short less time taking and industrially viable. The invention also relates to the use of purified lovastatin obtained by the process of the present invention for the synthesis of simvastatin to furnish subsequently pure simvastatin.

No. of Pages : 12 No. of Claims : 11



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3323/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

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

(51) International classification	:C07D 473/18	(71) <b>Name of Applicant :</b> <b>1)PIRAMAL HEALTHCARE LIMITED</b> Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL,MUMBAI-400 013, STATE OF MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ROY, MITA</b>
(87) International Publication No	:N/A	<b>2)JAGTAP, ASHUTOSH</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PAWAR, NITIN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of 2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxy]ethyl L-valine ester hydrochloride (valacyclovir hydrochloride) of formula I comprising deprotection of N-[(benzyloxy)carbonyl]-L-valine-2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl) methoxy] ethyl ester, of formula II using 5% palladium on carbon as a catalyst and mineral acid in the presence of water, avoiding use of organic solvents under hydrogen pressure to yield valacyclovir hydrochloride having yield of >90% and purity of >99.5%, pharmaceutically acceptable grade. The valacyclovir hydrochloride obtained using the process of the present invention is valacyclovir hydrochloride polymorphic Form I.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF CRYSTALLINE FORMS OF ELECTRIPTAN HYDROBROMIDE.

(51) International classification	:C07D 403/06	(71) <b>Name of Applicant :</b> <b>1)USV LIMITED</b> Address of Applicant :ARVIND VITTHAL GANDHI CHOWK, B.S.D. MARG, STATION ROAD, GOVANDI, MUMBAI 400 088, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SAWANT, KAMLESH DIGAMBAR</b>
(87) International Publication No	:N/A	<b>2)NAIK, TUSHAR ANIL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of 3-(N-methyl-2(R)-pyrrolidinylmethyl) -5-[2-(phenylsulfonyl)ethyl]- 1H-imidazole hydrobromide (Eletriptan hydrobromide), in particular Eletriptan hydrobromide monohydrate. The present invention further relates to an improved process for preparation of Eletriptan hydrobromide beta form or alpha form.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : FE3 O4 NANOPARTICLES EMBEDDED ZNO ASSEMBLIES

(51) International classification	:B29B 9/00	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY</b> Address of Applicant :BOMBAY OF POWAI,MUMBAI- 400076, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PROF. DHIRENDRA BAHADUR</b>
Filing Date	:NA	<b>2)SARIKA SINGH</b>
(87) International Publication No	:N/A	<b>3)KANHU CHARAN BARICK</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a multifunctional nanocomposite comprising at least two components (a) a superparamagnetic component of Fe<sub>3</sub>O<sub>4</sub> nanoparticles (b) a semiconducting component of ZnO; wherein, the superparamagnetic component (a) comprising Fe<sub>3</sub>O<sub>4</sub> nanoparticles are embedded into the porous network of semiconducting component (b) comprising ZnO nanoassembly thereby forming Fe<sub>3</sub>O<sub>4</sub>-ZnO magnetic semiconductor nanocomposites (MSN). This invention also relates to a method of synthesizing the Fe<sub>3</sub>O<sub>4</sub>-ZnO magnetic semiconductor nanocomposites.

No. of Pages : 39 No. of Claims : 9

(54) Title of the invention : A NOVEL FORMAT OF THE PROCESS OF INTERACTION BETWEEN PEOPLE AT RESTAURANTS, EVENTS OR ANY OTHER GATHERING OF PEOPLE NOT OF A SPECIFIC TYPE, ASSEMBLED WITH OR WITHOUT A SPECIFIC PURPOSE

(51) International classification	:G06F 7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)KHAN, JUHI</b>
(32) Priority Date	:NA	Address of Applicant :C/O DR. MOHD. IQBAL KHAN
(33) Name of priority country	:NA	HOUSE NUMBER 615'B STREET NUMBER 12, SADAR,
(86) International Application No	:NA	CANTT, JABALPUR 482001 Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)KHAN, JUHI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract :

People in the society interact on many counts, aspects, occasions and many a times many people are scared or shy to interact with others even if they have any urgent requirement. Many may not have access to the present day high profile social network sites because of need of costly gadgets like computers, cell phones, laptops and the like. Further they may be constrained due to language barrier or any such thing which prevents them from interacting with others in a situation in their daily life at anyplace or time. The disclosed invention addresses this very unique problem and provides a format of interaction to assist people to effectively interact in any situation through an embodiment of a mark, which is situated in any type of location or event where people assemble, with strangers. The mark may be a symbol, a script or a logo or a combination of any or all of these. The mark may be displayed on electronic display means possibly with remote accessibility. The mark may be accessed through a web site to locate the position of the mark at any location in any country in any location where people tend to group normally. The actual design of the mark will be as authorised and can change upon authorisation by inventor. However, the mark may be used for display only by users which are authorised. This information of all the authorised users or places will be displayed at an authorised website. This authorised website further assists users to gain authorisation.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR REAL-TIME TRACKING OF NUMBER OF UNPLANNED RELEASES

(51) International classification	:G06Q 10/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GUPTA, ANKUSH KUMAR</b>
(87) International Publication No	:N/A	<b>2)SWAIN, SHIBA PRASAD</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SETHI, BHUBANESWAR</b>
Filing Date	:NA	<b>4)KAR, CHANDAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for real-time tracking of number of unplanned releases is described herein. According to the present invention, an unplanned release request is received, analyzed and approved based on pre-defined criteria. After the approval of the request, a unique token is generated and the release information details for the unplanned release are deployed for future tracking. As a result of unique token generated for each of the unplanned release, the present invention is enabled to track and count the exact number of unplanned releases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3308/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PREPARING BUPRENORPHINE HYDROCHLORIDE AND ITS INTERMEDIATE.

(51) International classification	:A61K 9/107	(71)Name of Applicant : <b>1)BABASAHEB PANDURANG BANDGAR</b> Address of Applicant :SCHOOL OF CHEMICAL SCIENCES SOLAPUR UNIVERSITY SOLAPUR SOLAPUR - PUNE HIGHWAY, KEGAON SOLAPUR- 413255, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	<b>2)SANJAY SURESH SAWANT</b>
(32) Priority Date	:NA	<b>3)S.M. SALMAN JAWEED MUKARRAM</b>
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)BABASAHEB PANDURANG BANDGAR</b>
Filing Date	:NA	<b>2)SANJAY SURESH SAWANT</b>
(87) International Publication No	:N/A	<b>3)S.M. SALMAN JAWEED MUKARRAM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a alternate process for preparation of Buprenorphine or salt thereof. The invention specifically relates to condensation of thebaine with methyl vinyl ketone in presence of hydroquinone to obtain thebaine adduct and its conversion to Buprenorphine or its hydrochloride salt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3309/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : 4-(ARYLTHIA)-16£-CYANO-17-OXO-4-ANDROSTEN-3-ONES, REDUCED DERIVATIVES  
17 -OLS AND THE PROCESS FOR THEIR PREPARATION.

(51) International classification	:C07J73/00; C07J75/00	(71)Name of Applicant : <b>1)MANGE RAM YADAV</b> Address of Applicant :PHARMACY DEPARTMENT FACULTY OF TECH. AND ENGG., KALABHAVAN, THE M.S. UNIVERSITY OF BARODA, VADODARA-309 001 GUJARAT, INDIA.
(31) Priority Document No	:NA	<b>2)PRAFULLA M. SABALE</b>
(32) Priority Date	:NA	<b>3)PRASHANT REVAN MURUMKAR</b>
(33) Name of priority country	:NA	<b>4)MRS. RAJANI GIRIDHAR</b>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MANGE RAM YADAV</b>
(87) International Publication No	: NA	<b>2)PRAFULLA M. SABLE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PRASHANT REVAN MURUMKAR</b>
Filing Date	:NA	<b>4)MRS. RAJANI GIRIDHAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are the novel inhibitors of aromatase and a process for preparing the same. The disclosed inhibitors are useful for anticancer derivatives to be used in breast carcinoma.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3310/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR DATA AGGREGATION, INTERGRATION AND ANALYSES IN A MULTI DIMENSIONAL DATABASE

(51) International classification	:C03B 37/027	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MAHALANABIS SUMAN</b>
(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 system and method for flexibly integrating a data warehouse with one or more operational database in real-time. The system comprises of a plurality of components embedded under one or more layers. The system comprises of a staging database, an ETL (extract transform load) module, a data warehouse and a networking module. The flexible integration is enabled by invoking one or more web services from a business enterprise. The invention further provides one or more analytical modules for performing an intelligent operation to carry out comparative analyses of the data. The designing and implementation module enables a deployment of the system on any related technology platform and tools.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3311/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOMOTIVE INTENSITY CONTROL OF AN ILLUMINATION APPARATUS IN AN AUTOMOBILE

(51) International classification	:G06K 7/10	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(32) Priority Date	:NA	FLOOR, NARIMAN POINT,MUMBAI 400021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)B KUM AR, KRISHNA</b>
(87) International Publication No	:N/A	<b>2)SHAW KUMAR, PRABODH</b>
(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 an automatic maneuvering of at least one illumination apparatus is described. The invention discloses a system and method wherein the variation in intensity commensurating with at least one or combination of parameters associated with a vehicle. The input parameters like distance, speed, weather, Road type and driver's action are provided by the sensors and detectors for processing by the controller. The controller then calculates an output intensity value by applying one or more control rules by means of its one or more modules and/or components.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3313/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF FROVATRIPTAN AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:A61K31/403	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ENALTEC LABS PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :17th FLOOR, KESAR SOLITAIRE,
(33) Name of priority country	:NA	PLOT NO.5 SECTOR-19, SANPADA, NAVI MUMBAI -
(86) International Application No	:NA	400705 MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SIVA KUMAR VENKATA BOBBA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ALOK PRAMOD TRIPATI</b>
Filing Date	:NA	<b>3)SANJAY DASHRATH VAIDYA</b>
(62) Divisional to Application Number	:NA	<b>4)ESWARA RAO KODALI</b>
Filing Date	:NA	<b>5)GIRISH BANSILAL PATEL</b>

(57) Abstract :

The present invention relates to a process of preparing substantially pure frovatriptan and its pharmaceutically acceptable salts thereof by the application of simulated moving bed technology.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3313/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DUAL RETARD FORMULATION

(51) International classification	:A61K 9/20	(71) <b>Name of Applicant :</b> <b>1)TITAN LABORATORIES PVT. LTD.</b> Address of Applicant :TITAN LABORATORIES PVT. LTD. 102 TITAN HOUSE, M.P.VAIDYA MARG, 60 FEET ROAD, GHATKOPAR -EAST, MUMBAI-400 077 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)MR.PIYUSH B. SHAH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MRS.NILAM Y. BHARAMBE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Galantamine extended release pellets / particles /beads and the like and the process for preparing the formulation wherein the release is extended by the Dual retard technique imparted by the Galantamine Hydrobromide - Glyceryl behenate Complex obtained by the hot melt process and further by the extended release coat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.335/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/02/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTRICITY GENERATION PLANT IN ANY RESERVOIR OF WATER WITH PE HELP OF HIGH CAPACITY PUMPS

(51) International classification	:F03B13/00; F03B13/06	(71) <b>Name of Applicant :</b> <b>1)ABHIJEET ANANT KAMBLE</b> Address of Applicant :ROOM NO. 1 GULMOHAR APT. HINDU COLONY MARUTIMANDIR, RATNAGIRI 415612 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)ABHIJEET ANANT KAMBLE</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This design of electricity generation plant saves water Is it Is sent back in the reservoir by using high capacity pumps.Thus wastage of water is avoided. There are many electricity generation methods but this -method or way of electricity generation is clean, unpolluted and reuse water having great significance for enviroment This design is used in any circumstances of water.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3350/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AMINE BASED ADDITIVE COMPOSITION FOR CONTROL AND INHIBITION OF POLYMERIZATION OF STYRENE,AND METHOD OF USE THEREOF

(51) International classification	:C09K 15/30	(71)Name of Applicant : <b>1)DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :DORF KETAL TOWER, D'MONTE STREET, ORLEM, MALAD(W) MUMBAI - 400064, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUBRAMANIYAM, MAHESH</b>
(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 amine based additive composition for controlling and inhibition of polymerization of aromatic vinyl monomers including styrene comprising (a) one or more of nitroxide (i.e. nitroxyl) compounds; and (b) one or more of aromatic nitro compounds, characterized in that the said composition further comprises one or more of (c) amines, wherein said amine is selected from a group comprising (i) hydroxyl alkyl tertiary amines, (ii) tertiary alkyl amines, (iii) hydroxyl alkyl primary amine; and (iv) mixture thereof. In one embodiment, the present invention also relates to method of using presently provided composition. In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers including styrene by employing presently provided composition. In still another embodiment, the present invention also relates to method of preparation of presently provided composition.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3351/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METRICS DETERMINATION FOR APPLICATION PROCESSES IN MAINFRAME ARCHITECTURE

(51) International classification	:G06Q 30/02	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PARAMASIVAN Senthil Sivaganesh</b>
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 :

Methods and systems for determining metrics for application processes (115) in mainframe architecture are described herein. The method includes identifying application processes (115) that have been executed based on information gathered from a scheduler. The application processes (115) are executed in the mainframe architecture. For each of the identified application processes (115), corresponding application data is fetched from an application database (185). The application data corresponding to each of the identified application processes (115) may be filtered to obtain metrics data, based on filtering rules. Based on the metrics data, one or more metrics corresponding to each of the identified application processes (115) may be determined.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3352/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : ketolide compounds

(51) International classification	:c07h 17/08	(71)Name of Applicant : <b>1)Wockhardt Limited</b> Address of Applicant :D-4 MIDC Industrial area Chikalthana Aurangabad - 431210 M.S. India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)TRIVEDI BHARAT</b>
(33) Name of priority country	:NA	<b>2)DESHPANDE PRASAD</b>
(86) International Application No	:NA	<b>3)TADIPARTHI RAVIKUMAR</b>
Filing Date	:NA	<b>4)GUPTA SUNIL</b>
(87) International Publication No	: NA	<b>5)DIWAKAR SANTOSH</b>
(61) Patent of Addition to Application Number	:NA	<b>6)PAWAR SHIVAJI</b>
Filing Date	:NA	<b>7)PATIL VIJAY</b>
(62) Divisional to Application Number	:NA	<b>8)DEKHANE DEEPAK</b>
Filing Date	:NA	<b>9)PATEL MAHESH</b>
		<b>10)BHAVSAR SATISH</b>
		<b>11)MISHRA AMIT</b>
		<b>12)SOLANKI MANISH</b>
		<b>13)JAFRI MOHAMMAD</b>
		<b>14)BHAGWAT SACHIN</b>

(57) Abstract :

The invention relates to ketolide compounds of Formula (I) and their pharmaceutically acceptable salts, solvates, hydrates, polymorphs and stereoisomers having antimicrobial activity. The invention also provides pharmaceutical compositions containing the compounds of invention and methods of treating or preventing microbial infections with the compounds of invention.

No. of Pages : 113 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3353/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/12/2010

(43) Publication Date : 28/06/2013

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

(51) International classification :C07D473/18  
(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)PIRAMAL HEALTHCARE LIMITED**

Address of Applicant :PIRAMAL TOWER, GANPATRAO  
KADAM MARG, LOWER PAREL, MUMBAI - 400 013,  
MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)JAGTAP, ASHUTOSH**

**2)ROY, MITA**

**3)HARIHARAN, SIVARAMAKRISHNAN**

**4)PAWAR NITIN**

**5)VISWASRAO, SANDESH**

**6)BHISE, SANJAY**

(57) Abstract :

The present invention provides a process for the preparation of 2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxy]ethyl L-valine ester hydrochloride (valacyclovir hydrochloride) of formula I comprising deprotection of N-[(benzyloxy)carbonyl]-L-valine-2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl) methoxy]ethyl ester, of formula II using 5% palladium on carbon in the presence of water and acetic acid to obtain valacyclovir and subsequent treatment of valacyclovir with hydrochloric acid yields valacyclovir hydrochloride having purity of >98%.

No. of Pages : 18 No. of Claims : 11



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3332/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A DEVICE FOR BENDING OF WORK AND METHOD OF BENDING OF WORK

(51) International classification	:b21d 7/025	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody
(32) Priority Date	:NA	Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WAMAN PANDURANG J</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a device for bending of work, said device comprising: a plate (1) of predetermined shape configured to form a base of said device; pair of fixed units (2) mounted on either ends of said plate (1); pair of guiding bars (3) connected between the fixed units (2); a moving unit (4) connected slidably to said guiding bars (2), wherein said moving unit (4) comprises a rotating shaft (5) for insertion of work, said rotating shaft (5) is tunable up to 360 degree to facilitate three dimensional bending of said work ; and pair of bending platforms (6a and 6b) connected to outer surface of the fixed pads (2) for bending the work.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SIMULTANEOUS WIRELESS CHARGING, TRACKING AND MONITORING OF EQUIPMENTS

(51) International classification	:H04B 5/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TAPAS CHAKRAVARTY</b>
(87) International Publication No	:N/A	<b>2)PURUSHOTHAMAN BALAMURALIDHAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for simultaneous wireless charging, tracking and monitoring of equipments A system and method for simultaneous charging, tracking and monitoring one or more equipments, comprising actuating a coordinator using a management server for transmitting UHF radio waves; receiving the transmitted UHF radio waves by a receiver; converting the UHF radio waves into DC power by employing an energy harvesting IC for charging a battery pack of said equipment, and simultaneously activating an RFID tag for receiving one or more operational parameters related to said equipment by employing said one or more sensors and transmitting said received one or more operational parameters by using short range data communication protocol via said coordinator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3340/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : OBJECTIVE PROCESS CONTROL AND MANAGEMENT

(51) International classification	:g06k 9/68	(71) <b>Name of Applicant :</b> <b>1)The Indian Hotels Company Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Mandlik House Mandlik Road
(32) Priority Date	:NA	Colaba Mumbai 400005 MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Feroze Gimi</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure refers to effective process control and management and illustrates various embodiments of system and method of objective process control and management. Embodiment of the present disclosure directed to a system for objective process control and management in a business establishment comprises a process library, a process classifier coupled to the process library, a process evaluator coupled to the process classifier, an efficiency monitor coupled to the process evaluator and an integrator coupled to the process evaluator. Embodiments of the present disclosure enable identification of hindrance to effective process control and management in a business establishment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3367/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR PROVIDING TOURIST ASSISTANCE AND GUIDED NAVIGATION BY METADATA TRANSMISSION

(51) International classification	:G06F 17/30	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SINHA, ANIRUDDHA</b>
(87) International Publication No	:N/A	<b>2)CHATTOPADHYAY, DHIMAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The application provides a method and system for providing tourist assistance and guided navigation of a tourist spot by transmitting metadata across a communication network. The application provides a method and system for utilizing a beyond audible frequency signal for metadata transmission across a communication network. The application provides a method and system for emitting an encoded metadata over the beyond audible frequency signal, receiving and parsing the said received encoded metadata, extracting and decoding barcode received along with encoded metadata and retrieving the tourist information by accessing a web link received along with encoded metadata for plurality of web based services.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3368/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOMATED FRAMEWORK FOR POST ARCHIVAL DATA COMPARISION

(51) International classification	:G06F12/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(32) Priority Date	:NA	FLOOR, NARIMAN POINT,MUMBAI 400021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAMPEESA YUGENDAR</b>
(87) International Publication No	:N/A	<b>2)MADAS SUNAYANA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LUKKA SRIKANTH</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for automatic testing of data integrity of an archived data, wherein the said archived data is transmitted from a source database to a target database via a data comparison engine. The data comparison engine further comprising of at least one scripting module adapted to compare the corresponding source data values with target data values via at least one public function/ test script. The said system and method enables to ensure that the data is archived correctly and mapped to the right fields on target database.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3370/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROTEIN FREE SURFACTANT COMPOSITION FOR PULMONARY DISEASES AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K31/685; A61K31/573	(71)Name of Applicant : <b>1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY</b> Address of Applicant :POWAI, MUMBAI 400 076, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)DR. RINTI BANERJEE</b>
Filing Date	:NA	<b>2)MS. KAVIRATNA ANUBHAV</b>
(87) 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 protein free surfactant composition comprising dipalmitoylphosphatidyl choline (DPPC) and eugenol having a ratio in the range of 10:5 to 4:2 with >99% airway patency in the presence of albumin, for treating acid lung injury, adult respiratory distress syndrome and meconium aspiration syndrome.

No. of Pages : 67 No. of Claims : 20

(54) Title of the invention : SOLID STATE FLUORESCENT COMPOUNDS&NBSP; DERIVATIVES THEREOF AND METHODS OF PREPARATION AND USES THEREOF

(51) International classification	:C09B 29/00	(71) <b>Name of Applicant :</b> <b>1)SEKAR Nethi</b> Address of Applicant :Department of dyestuff technology Institute of Chemical Technology Matunga Mumbai -400019 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SEKAR Nethi</b>
(87) International Publication No	: NA	<b>2)CHOUDHARY Amol</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solid state fluorescent compound and derivatives thereof is represented by the following formula (I): wherein, X may be independently selected from nitrogen, oxygen or sulphur; R1 may be independently selected from hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl, aralkyl, hydroxy, hydroxyalkyl, alkoxy, aryloxy, amino, aminoalkyl, carbonyl, cyano, halogen, haloalkyl, nitro, carboxy, carboxyalkyl, sulfonyl, heterocyclic ring structure or organic residues; R2 and R3 may be independently selected from hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl aralkyl, hydroxy, hydroxyalkyl, alkoxy, aryloxy, amino, aminoalkyl, carbonyl, cyano, halogen, haloalkyl, nitro, carboxy, carboxyalkyl, sulfonyl, or organic residues; R4 may be independently selected from hydrogen, alkyl, hydroxy, hydroxyalkyl, nitro, amino, aminoalkyl, carboxy, carboxyalkyl, halogen, haloalkyl; R5 may be independently selected from hydrogen, carbonyl, formyl, carboxy, carboxyalkyl, optionally substituted styryl or isophorone and derivatives thereof; and methods of preparation of the said compounds and their derivatives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3342/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SELF-STEER AXLE ASSEMBLY FOR VEHICLES

(51) International classification	:B62D 13/00	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody
(32) Priority Date	:NA	Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Gupta Amit</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an axle assembly for vehicles. The axle assembly includes an axle beam and a knuckle having a first arm a second arm and a body member carrying the first arm and the second arm. The axle assembly further includes a knuckle connected to the axle beam through king pin and an at least one resilient. A first end portion of the at least one resilient is connected to the kingpin and a second end portion of the at least one resilient is connected to one of the first arm and the second arm of the knuckle. The knuckle is rotatably engaged with the kingpin such that the at least one resilient member applies a resilient force against a movement of the knuckle about the kingpin.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3346/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : THERMAL OVER-CURRENT RELEASE ASSEMBLY

(51) International classification	:H02J 7/00	(71) <b>Name of Applicant :</b> <b>1)LARSEN &amp; TOUBRO LIMITED</b> Address of Applicant :L&T HOUSE,BALLARD ESTATE,MUMBAI- 400 001,MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)OMKAR KANADE</b>
Filing Date	:NA	<b>2)LAVANYA SUVARNA</b>
(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 thermal over-current release assembly is provided to trip circuit breaker and interrupt power under increased current conditions. Thermal over-current release comprises a conductor plate having a profile, a bimetal snap disc in contact with the conductor plate, the bimetal snap disc being able to flip its orientation depending upon a predetermined temperature and a plurality of springs, the springs applying a force on the bimetal snap disc; wherein the bimetal snap disc rests on the profile on the conductor plate.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A CIRCUIT ARRANGEMENT FOR A RESIDUAL CURRENT DEVICE (RCD)

(51) International classification	:H02H 3/33	(71) <b>Name of Applicant :</b> <b>1)LARSEN &amp; TOUBRO LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE,BALLARD
(32) Priority Date	:NA	ESTATE,MUMBAI- 400 001,MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)RAJESH JETHLIYA</b>
Filing Date	:NA	<b>2)VINOD DESHMUKH</b>
(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 circuit arrangement of a residual current device. \n one embodiment this can be accomplished by a first circuit for detecting a current imbalance in an AC supply via transformer to a load indicative of a residual current, a relay having contacts in the AC supply to the load, the relay contacts automatically opening and closing in order to connect or disconnect the load, a second circuit including a charge storage device connected to the AC supply via at least one rectifying device in parallel with the relay, upon power failure, the relay having contacts in the AC supply to the load turned open due to discharge of the charge storage device provides an imbalance voltage across PMR.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : TEST DATA GENERATION

(51) International classification	:G06F17/30	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PATWARDHAN Nikhil Girish</b>
Filing Date	:NA	<b>2)ROY Ashim</b>
(87) International Publication No	: NA	<b>3)JIVANE Moksha Suryakant</b>
(61) Patent of Addition to Application Number	:NA	<b>4)JAGTAP Varsha</b>
Filing Date	:NA	<b>5)SANCHETI Eeti</b>
(62) Divisional to Application Number	:NA	<b>6)BABU Nandita</b>
Filing Date	:NA	

(57) Abstract :

Systems and methods for test data generation are described. In one implementation, the method includes receiving seed data (118-1) having one or more characteristics. Further, the method includes obtaining a selection criterion indicating a selected portion of the seed data (118-1) to be transformed. Based on the selection criterion, the seed data (118-1) is transformed for at least a plurality of iterations to generate test data (118-2). The test data (118-2) comprise a plurality of data sets including a primary data set (120-1) generated in a first iteration and a secondary data set (120-2) generated in each subsequent iteration. The primary data set (120-1) includes transformed data corresponding to the selected portion of the seed data (118-1) and non-transformed data corresponding to a remaining portion of the seed data (118-1) and each secondary data set (120-2) includes transformed data corresponding to the selected portion of the seed data (118-1).

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3372/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SOLID STATE FLUORESCENT COMPOUNDS&NBSP; DERIVATIVES THEREOF AND METHODS OF PREPARATION AND USES THEREOF

(51) International classification	:C09B 29/00	(71) <b>Name of Applicant :</b> <b>1)SEKAR Nethi</b> Address of Applicant :Department of dyestuff technology Institute of Chemical Technology Matunga Mumbai -400019 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SEKAR Nethi</b>
(87) International Publication No	: NA	<b>2)SATAM Manjaree</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one aspect of the present invention, the invention provides solid state fluorescent compounds of formula (I) and derivatives thereof: wherein, X may be selected from a group comprising nitrogen, oxygen or sulphur; R1, R2 R3, R4 R7 R8 R9, R10 and R11 may be independently selected from a group comprising hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl, aralkyl, aldehyde, hydroxyl, hydroxyalkyl, alkoxy, aryloxy, amino, aminoalkyl, carbomyl, cyano, halogen, haloalkyl, nitro, carboxy, carboxyalkyl, sulfonyl, or organic residues; R5 may be selected from a group comprising, amide, acid, alcohol or hydroxyl, carboxyl, ketone, aldehyde, amine, ester, ether, alkane or organic residues; and R6 may be selected from a group comprising amide, acid, alcohol or hydroxyl, carboxyl, ketone, aldehyde, amine, ester, ether, alkane, or organic residues, and methods of preparation thereof.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3373/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PHOTO-PATTERNABLE MULTIFUNCTIONAL POLYMER NANOCOMPOSITE

(51) International classification	:H01L51/30	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY</b>
(32) Priority Date	:NA	Address of Applicant :POWAI, MUMBAI 400 076,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAO, RAMGOPAL</b>
(87) International Publication No	: NA	<b>2)KOVUR, PRASHANTHI</b>
(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 photo-patternable multifunctional polymer nanocomposite. The nanocomposite comprises a solvent suspension of multiferroic nanostructures uniformly dispersed in SU-8 polymer matrix. The invention also provides a composite comprising a substrate and a photo-patterned multifunctional polymer nanocomposite layer formed on the substrate. The nanocomposite layer comprises a UV-photolithographed SU-8 polymer having a solvent suspension of multiferroic nanostructures uniformly dispersed in the polymer matrix.

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3373/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING ENTERPRISE DATA

(51) International classification	:G06F 21/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)CHILAKAMARRI Srikar</b>
Filing Date	:NA	<b>2)MOHANTY Santosh Kumar</b>
(87) International Publication No	: NA	<b>3)MHASHILKAR Kamlesh</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for managing enterprise data are provided. The system comprises a processor and a memory coupled to the processor. The memory comprises a definition module defining a Data Management Architecture (DMA). Further, the DMA comprises at least one of an enterprise portal, an enterprise model, at least one adaptor, and a set of metrics. The enterprise portal comprises a set of service tools. The set of service tools is configured to perform a set of services on the data. The enterprise model is configured to analyze an enterprise process to create and modify enterprise metadata of the data originating from the enterprise process. Further, the adapter is configured to communicate with a data source associated with the enterprise process for extracting the enterprise metadata from the data source. Furthermore, the set of metrics may represent an analysis of the data.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3374/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PERFORMANCE ASSURANCE OF APPLICATIONS

(51) International classification	:G06Q 10/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ANJAN Gururaj</b>
Filing Date	:NA	<b>2)IYER Harish Sivasubramanian</b>
(87) 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 for assuring performance of applications is described herein. According to an implementation, the method includes obtaining at least one performance requirement associated with an application in a pre-development phase of a development lifecycle of the application. The performance requirement is mapped with one or more of functional requirements associated with the application and the performance requirement is analyzed based at least on an operational load expected to be handled by the application during operation. Further, the application is developed based on the performance requirement and the mapping. At least one performance characteristic associated with the application is determined, to compare against the performance requirement assuring performance of the application during operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3378/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF BITTER-LESS ERYTHROMYCIN ETHYL SUCCINATE

(51) International classification	:C07H17/08	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CALYX CHEMICALS AND PHARMACEUTICALS LTD.</b>
(32) Priority Date	:NA	Address of Applicant :2, MARWAH'S COMPLEX,
(33) Name of priority country	:NA	SAKIVIHAR ROAD, SAKINAKA, ANDHERI(E), MUMBAI-
(86) International Application No	:NA	400 072, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)LAL , BANSI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)TALUKDAR, SANJAY</b>
Filing Date	:NA	<b>3)BAPAT CHINTAMANI PRABHAKAR</b>
(62) Divisional to Application Number	:NA	<b>4)SANT, GAYATRI VIJAY</b>
Filing Date	:NA	<b>5)NARKHEDE, NISHIKANT BHAGWAT</b>
		<b>6)PATIL, SAVITA BHIKAJI</b>

(57) Abstract :

The present invention relates to a novel process for preparation of bitter-less Erythromycin ethyl succinate using organic solvent selected from esters or ethers in formation of Erythromycin ethyl succinate from erythromycin base or in purification of Erythromycin ethyl succinate. The present invention also relates to the improved processes for preparation of bitter-less Erythromycin ethyl succinate from erythromycin thiocyanate. Erythromycin ethyl succinate obtained by processes of present invention contains less than 2 % of erythromycin base which makes it bitter-less.

No. of Pages : 28 No. of Claims : 12



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3379/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : COST EFFECTIVE HVAC CLIMATE BOXES

(51) International classification	:A47C 21/04	(71) <b>Name of Applicant :</b> <b>1)BEHR INDIA LIMITED</b> Address of Applicant :GATE NO.626/1/2 & 622/1/0 29 MILESTONE, PUNE-NASIK HIGHWAY, VILLAGE - KURULI, TALUK - KHED, PUNE - 410501 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)GARIKIPATI, PARTHASARTHI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PATOLE, JOHN</b>
Filing Date	:NA	<b>3)KULKARNI, MITHUL KISHORE</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An HVAC system is provided for directing conditioned fluid towards predetermined locations. The system comprises a housing; a blower disposed inside the housing to energize fluid entering the housing; a drum flap arrangement to receive fluid from the blower, the arrangement being displaceable between a first configuration for defining a first flow path for the passage of the fluid therethrough and a second configuration for defining a second flow path; an evaporator disposed between the blower and the arrangement, along the first flow path and/or the second flow path, to condition the fluid leaving the blower; a heater disposed along the second flow path, between the blower and the arrangement further conditions the fluid leaving the blower and evaporator. The system further includes a control panel for controlling distribution and temperature of the conditioned fluid by actuating the drum flap arrangement and actuating the blower.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3380/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING A COLLABORATION TIMELINE ILLUSTRATING APPLICATION ARTIFACTS IN CONTEXT

(51) International classification	:G06F15/16	(71) <b>Name of Applicant :</b> <b>1)AVAYA INC</b>
(31) Priority Document No	:NA	Address of Applicant :211, MOUNT AIRY ROAD
(32) Priority Date	:NA	BASKING RIDGE NEW JERSEY 07920 U.S.A.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)YOAKUM, JOHN H.</b>
Filing Date	:NA	<b>2)GUTCHER, JAMES R.</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for generating a collaboration timeline which illustrates application artifacts in context. A collaboration session includes a plurality of participants. Each participant collaborates via a corresponding processing device. Media streams associated with the plurality of participants are received during the collaboration session and a collaboration media stream based on the media streams is generated. A collaboration application generates an artifact during the collaboration session. A timeline entry is generated in a collaboration timeline, the timeline entry including time information identifying a time associated with the artifact, and a reference to the artifact.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.15/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/01/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR NETWORKING AMONG TELEVISION

(51) International classification :H04N7/173  
(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)DHEERAJ KUMAR SINGH**

Address of Applicant :E-2, TYPE - V, BSNL COLONY,  
NANDURA ROAD, KHAMGAON, DISTRICT BULDHANA,  
444303 Maharashtra India

(72)Name of Inventor :

**1)DHEERAJ KUMAR SINGH**

**2)AYUSH MAHENDRU**

**3)VISHWAS KUMAR SINGH**

**4)DEEPESH KUMAR SINGH**

(57) Abstract :

Method and system for gathering viewership information from a group of television viewers by obtaining information about the channel being viewed from the television and receiving a review or a feedback on the program played at the channel from the viewer. The information gathered is sent to a server for processing and sharing it further with other viewers who are watching the same channel and program.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3400/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PARENT SELECTION ALGORITHMS TO REPAIR FAULTS FOR TDMA-BASED WIRELESS SENSOR NETWORKS WITH TREE OVERLAY

(51) International classification	:H04J3/00; H04B7/212	(71)Name of Applicant : <b>1)Indian Institute of Technology Bombay</b> Address of Applicant :Powai Mumbai 400076 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)Chilukuri Shanti</b>
(33) Name of priority country	:NA	<b>2)Anirudha Sahoo</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Parent selection algorithms for TDMA based Wireless Sensor Networks with a tree overlay are disclosed. The WSNs are prone to faults due to the harsh environments in which they operate. When faults occur on the node, the faulty node is no longer able to transmit data. As a result, the children of the node become orphans. Existing mechanisms do not have means to assign new parents to the orphans such that either the load on the new parents is relatively balanced or the TDMA schedule change is minimal. Two algorithms are disclosed. The first one uses parent assignment algorithm such that there is minimal change in the TDMA schedule whereas the second one uses a parent selection algorithm such that the load on the new parents are relatively balanced which leads to balanced energy expenditure.

No. of Pages : 58 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3401/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ENTITY VERIFICATION USING USER COMMUNICATION DEVICE

(51) International classification	:G06F21/00; G06F21/35	(71) <b>Name of Applicant :</b> <b>1)Thumar Bharat Hardasbhai</b> Address of Applicant :502 Sanskruti Appartment Nr. Amidhara Appartment Citylite Surat GUJARAT, INDIA. <b>2)Savalia Smit Vallabhbhai</b> <b>3)Thumar Gaurang Hardasbhai</b>
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)Thumar Bharat Hardasbhai</b> <b>2)Savalia Smit Vallabhbhai</b> <b>3)Thumar Gaurang Hardasbhai</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a system (28) and method for entity verification and information sharing for three different kinds of users using predefined unique data and allocated unique data and user communication device (4), though or by receiving and listing entity information, on communication network (2<sup>TM</sup>) or directly through an application server (11), determining whether said listing entity information related to database entry, generating verification database (3<sup>TM</sup>) for on whether the listing entity information is related to entry in the said database (3<sup>TM</sup>), outputting the verified entity information to respective user using the user communication device (4). This method also allows the respective user to use a physical device to get information and verification of his entity.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3403/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A ROBOTIC SHOE FOR FLAT FOOTED PEOPLE

(51) International classification	:B29C33/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)DR. HIMANSHU MEHTA**

Address of Applicant :ABHISHEK COLONY,'F'WING,  
FLAT NO.1103, N. DUTTA MARG, VERSOVA LINK  
ROAD, ANDHERI (W), MUMBAI-400 053 Maharashtra India

(72)Name of Inventor :

**1)MASTER PARTH H. MEHTA**

(57) Abstract :

An apparatus/device which will be incorporated in a specially designed shoe which will be a dynamic gait correction device for flat footed people which will facilitate movement and which can be used during all types of motion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3404/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR STORAGE, MANAGEMENT AND RETRIEVAL OF STRUCTURED DOCUMENTS FROM A VIRTUAL REPOSITORY

(51) International classification

:G06F17/30;  
G06F7/00

(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)SUHAS RAMCHANDRA TULJAPURKAR**

Address of Applicant :B-105, INTERNATIONAL  
CONVENTIONCENTRE, SENAPATI BAPAT ROAD, PUNE  
- 411 016, MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)SUHAS RAMCHANDRA TULJAPURKAR**

(57) Abstract :

The>present invention relates to the management of the documents in the due diligence review process within a client server network system. The solution accelerates the completion of the process of due diligence review using the Virtual Data Rooms (VDR). The web-based solution of the current invention is also easily accessible by the clients computer via internet web-portal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3416/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHT WATER REACTOR PRIMARY COOLANT ACTIVITY CLEANUP\*

(51) International classification	:G21C 15/02	(71)Name of Applicant : <b>1)ELECTRIC POWER RESEARCH INSTITUTE INC.</b> Address of Applicant :1300 West W.T. Harris Boulevard Charlotte North Carolina 28262 U.S.A.
(31) Priority Document No	:61/423, 282	(72)Name of Inventor :
(32) Priority Date	:15/12/2010	<b>1)Paul L. Frattini</b>
(33) Name of priority country	:U.S.A.	<b>2)Roger Howard Asay</b>
(86) International Application No	:NA	<b>3)Keith Paul Fruzzetti</b>
Filing Date	:NA	<b>4)Susan Elaine Garcia</b>
(87) International Publication No	: NA	<b>5)Richard Herbert Kohlmann</b>
(61) Patent of Addition to Application Number	:NA	<b>6)Daniel Morgan Wells</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for the cleanup of ionic species such as cobalt and nickel in nuclear power plant aqueous streams using a sequestration resin material is disclosed herein. The method includes the steps of providing a sequestration resin for removal of radioisotopes of transition metal impurities contained in the plant process streams, and distributing the sequestration resin into the plant process streams such that the sequestration resin interacts with the process streams and removes the transition metal impurities.

No. of Pages : 59 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3417/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED MAINTENANCE-FRIENDLY HIGH-BAY LUMINAIRE.

(51) International classification	:F21S8/04, F21S8/06	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b> Address of Applicant :CG HOUSE, DR.ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VERMA VISHAL</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved maintenance-friendly high-bay luminaire comprises: luminaire body (reflector) which houses a bulb from where illumination occurs; and luminaire head (control gear housing) including electrical ballast, said ballast being fixed on a gear tray, said luminaire head being a substantially cylindrical housing including a control gear top cover fitted atop a bottom cylindrical housing; characterised in that, there are provided a plurality of equi-angularly located, radially dispersed, toggles using wing-nuts about said luminaire head in order to latch said luminaire head over said luminaire body wherein said equi-angularly dispersed toggles using wing-nuts provide uniform latching and pressure onto said luminaire body and wherein said wing-nuts can be loosened for swiveling open said control gear top cover away from said bottom cylindrical housing of said luminaire head.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.342/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/02/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN EFFICIENT METHOD FOR THE REMOVAL OF ORGANIC/INORGANIC CONTAMINANTS IN WATER POLYMERIC COLLOIDS AND THEREOF

(51) International classification	:B01J13/00; C02F 101/10; C02F 101/30	(71) <b>Name of Applicant :</b> <b>1)R. MURALI</b> Address of Applicant :APPLIED CHEMISTRY DEPARTMENT FACULTY OF TECHNOLOGY & ENGINEERING THE M.S. UNIVERSITY OF BARODA PO BOX: 51, KALABHAVAN VADODARA-390 001, GUJARAT, INDIA.
(31) Priority Document No	:NA	<b>2)C.N. MURTHY</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)R. MURALI</b>
(86) International Application No	:NA	<b>2)C.N. MURTHY</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the adsorptive removal of organic and inorganic contaminants from water. The dyes and toxic metals can be effectively removed from the water using natural polymer colloids as an adsorbent. This easily available natural polymeric colloidal material having the large surface area may be a better potential adsorbent for the removal of contaminants from water at the pH range of 2-10.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3420/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ASSESSING STUDENT'S COMPETENCIES IN CO-SCHOLASTIC SKILLS

(51) International classification	:G09B 5/00	(71) <b>Name of Applicant :</b> <b>1)SINGH GAUTAM</b>
(31) Priority Document No	:NA	Address of Applicant :KALEWAR BUILDING, GROUND
(32) Priority Date	:NA	FLOOR, 5, DADI SHETH ROAD, OFF BABULNATH
(33) Name of priority country	:NA	MARG, MUMBAI-400 007, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SINGH GAUTAM</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for assessing the co-scholastic skills of users have been disclosed. The system envisaged by the present disclosure envisages screening speechless short films to individuals in order to assess their strengths and weaknesses in co scholastic areas such as attitude towards life, moral values, critical thinking skills, creative thinking skills, decision making skills, analytical skills, problem solving skills, communication skills and emotional sensitivity. The system exploits various ideas, concepts and messages imparted by the short speechless movies to enhance the co-scholastic skills of individuals. The user is required to view the short speechless film displayed on a user interface. Subsequent to viewing the short speechless film, the user is required to answer an assessment test, preferably online assessment test. Based on the answers of users to the displayed assessment questions, the user's competency in co-scholastic skills is determined by an assessment processor.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3100/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOVEL POLYMORPHIC FORM OF DASATINIB AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C07D277/56	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CADILA HEALTHCARE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(33) Name of priority country	:NA	CROSS ROAD, AHMEDABAD- 380015, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SINGH, KUMAR KAMLESH LAXMI</b>
(87) International Publication No	:N/A	<b>2)SINGH, NIKHIL, AMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PATHE, GULAB, KHUSHALRAO</b>
Filing Date	:NA	<b>4)N/A</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel anhydrous form of Dasatinib and process for the preparation thereof. The present invention also provides a process for the preparation of Dasatinib monohydrate using novel anhydrous form.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3101/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF ETORICOXIB AND POLYMORPHS THEREOF

(51) International classification :A61K31/10  
(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

(71)Name of Applicant :  
**1)CADILA HEALTHCARE LIMITED**  
Address of Applicant :ZYDUS TOWER, SATELLITE  
CROSS ROAD, AHMEDABAD -380015, GUJARAT, INDIA.  
(72)Name of Inventor :  
**1)DWIVEDI, SHRIPRAKASH, DHAR**  
**2)PATEL, VIPUL, KANTIBHAI**  
**3)PATEL, MAHESH, SHANKARBHAI**  
**4)SHAH, NIRAJ, SHYAMLAL**

(57) Abstract :

The invention relates to an improved process for the preparation of etoricoxib and polymorphs thereof. In particular, the invention relates to a process for the preparation of stable crystalline Form-I of etoricoxib. Further, the invention also relates to a process for the preparation of amorphous form of etoricoxib. The invention also relates to pharmaceutical compositions that include the stable crystalline Form-I of etoricoxib.

n

No. of Pages : 34 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3103/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010

(43) Publication Date : 28/06/2013

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

(51) International classification	:C07D 413/04; C07D 261/20	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :ZYDUS TOWER , SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJRAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)DWIVEDI, SHRIPRAKASH DHAR</b>
(33) Name of priority country	:NA	<b>2)PATEL, DHIMANT, JASUBHAI</b>
(86) International Application No	:NA	<b>3)SHAH, ALPESH, PRAVINCHANDRA</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to iloperidone and process for its preparation. In particular, it relates to an improved process for preparation of iloperidone in crystalline form. The invention relates pharmaceutical compositions that include crystalline iloperidone substantially free from N-oxide, desflouro and dimer impurities.

No. of Pages : 58 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3105/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF CONSTRUCTING A NACELLE COVER FOR WIND TURBINE GENERATOR USING MODULAR PANELS AND THE MODULAR PANELS USED THEREIN.

(51) International classification	:F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SUZLON ENERGY LTD</b>
(32) Priority Date	:NA	Address of Applicant :ONE EARTH, OPP MAGARPATTA
(33) Name of priority country	:NA	CITY, HADAPSAR, PUNE-411028, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)R BAKUL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular nacelle cover assembly of wind turbines is provided. The nacelle cover assembly comprising a framework to which a plurality of panels are coupled, wherein each panel has a flange edge of a c-profile configuration for overlapping with a flange edge of adjacent panel on the framework, wherein the flange edges mating on support members of the framework are coupled from inside of the framework.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM FOR TESTING DURABILITY OF A BEARING AND METHOD THEREOF

(51) International classification	:e02d 33/00	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody
(32) Priority Date	:NA	Street Hutatma Chowk Mumbai 400 001 Maharashtra India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)HIRAL PATEL</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a system for testing durability of a bearing, said system comprising: a test bench configured to form a base of the system, said test bench consists of a base plate mounted on test floor and a pair of columns at either ends of the base plate; a shaft mounted on one column of the test bench, wherein a bearing to be tested is mounted on one end of the shaft; a housing shaft mounted on other column of the test bench such that that the outer circumference of the test bearing rests inside a housing mounted on one end of the housing shaft; pair of pulleys mounted on free ends of the shaft and the housing shaft; and a load applying means mounted on top of the test bench and in between the columns to apply radial load on to the test bearing.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3430/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : COATED QUARTZ BODIES FOR INCREASED ULTRA-VIOLET TRANSMISSION AND A METHOD THEREFOR

(51) International classification	:G02B 1/10	(71)Name of Applicant : <b>1)ARKLITE SPECIALITY LAMPS LTD</b>
(31) Priority Document No	:NA	Address of Applicant :ARKLITE SPECIALITY LAMPS
(32) Priority Date	:NA	LTD., GAT. NO.2794 AND 2797, KARABWADI, CHAKAN-
(33) Name of priority country	:NA	TALEGAON ROAD, PUNE-410501, .MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. AVINASH KULKARNI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. MANDAR SAHASRABUDHE</b>
Filing Date	:NA	<b>3)MR. SANJAY HARCHIRKAR</b>
(62) Divisional to Application Number	:NA	<b>4)MR. JITENDRA MEHTA</b>
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for preparation of metal oxide coated quartz body for increased ultra-violet (UV) transmission. The method includes mixing metal nitrate in a carrier solvent to form a metal nitrate solution. Further, the method includes coating the quartz body with the metal nitrate solution. Furthermore, the method includes drying the coated quartz body and heating the dried coated quartz body in presence of gas thereby converting metal nitrate solution coating on the quartz body to metal oxide.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3135/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ENDODONTIC INSTRUMENTS STERILIZER

(51) International classification	:A61L 2/00	(71) <b>Name of Applicant :</b> <b>1)NOMAL RAMESHCHANDRA SHAH</b>
(31) Priority Document No	:NA	Address of Applicant :182, GULMOHOR SOUTH RIDGE
(32) Priority Date	:NA	ROAD, TUKDOJI SQUIRE NAGPUR-440027 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NOMAL RAMESHCHANDRA SHAH</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a compact, easily portable sterilizer using UV radiations for clinical or surgical instruments exemplified by endodontic files etc. The said compact sterilizer has a specially designed mounting stand with perforations adaptably suitable for holding these delicate instruments and exposing the required operative parts thereof to UV radiations for sterilization. The steriliser provided by the present invention is compact, highly efficient, free of corrosion, easily portable and very economical as compared to the conventional autoclaving. It is also more safe and user friendly for the medical practitioners as it can be used side by side the operating area. It provides a highly convenient and economical method of sterilizing the endodontic instruments.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3136/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : OLIGONUCLEOTIDE PRIMER SEQUENCES FOR DETECTION OF LEPTOSPIRA

(51) International classification	:C12Q1/68; C12N1/00	(71) <b>Name of Applicant :</b> <b>1)GODAVARI BIOREFINERIES LIMITED</b> Address of Applicant :45/47, SOMAIYA BHAVAN, M.G. ROAD, MUMBAI - 400001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ANNETTE MARTIN</b>
Filing Date	:NA	<b>2)VIJAYKUMAR KASHINATH KHONDE</b>
(87) International Publication No	: NA	<b>3)KEDAR SUBHASH SHUKRE</b>
(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 directed towards providing oligonucleotide primer sequences for the detection of Leptospira species in biological and environmental samples. The oligonucleotide primer sequences of the present invention are capable of detecting DNA of Leptospira species in a given sample using molecular protocol for example a polymerase chain reaction (PCR) technique. The present invention also provides a method and a kit for detecting leptospiral DNA in a given sample with high specificity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3137/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : EFFICIENT UTILIZATION OF BED FOR COMFORT LEVEL WITH ENERGY SAVINGS IN BEDROOM.

(51) International classification	:A47C21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr. ALPESH GUNVANT MEHTA</b>
(32) Priority Date	:NA	Address of Applicant :27 Ankur Complex Nr. Ankur Cross
(33) Name of priority country	:NA	Road Naranpura AHMEDABAD Gujarat India
(86) International Application No	:NA	<b>2)Dr. ALPESH GUNVANT MEHTA</b>
Filing Date	:NA	<b>3)Dr. ALPESH GUNVANT MEHTA</b>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)Dr. ALPESH GUNVANT MEHTA</b>
Filing Date	:NA	<b>2)Dr. ALPESH GUNVANT MEHTA</b>
(62) Divisional to Application Number	:NA	<b>3)Dr. ALPESH GUNVANT MEHTA</b>
Filing Date	:NA	

(57) Abstract :

This invention relates to new Development for efficient utilization of bed(figure x) for comfort level with energy savings in bedroom. It saves almost (5 to 7 ) times energy(table 3) (depending on size of bed), compare to Air-conditioned bed room, utilized for sleeping during night/day with conventional bedroom sizing tonnage

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3445/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ENHANCED ERROR CORRECTION IN MEMORY DEVICES\*

(51) International classification	:H03M 13/15	(71) <b>Name of Applicant :</b> <b>1)SANDISK TECHNOLOGIES INC.</b> Address of Applicant :Two Legacy Town Center 6900 North Dallas Parkway Plano Texas 75024 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Saravanakumar Sevugapandian</b>
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 correcting stored data includes reading data stored in a portion of a nonvolatile memory. The method includes, for each particular bit position of the read data, updating a count of data error instances associated with the particular bit position in response to detecting that the read data differs from a corresponding reference value of the particular bit position. The reading of the first portion and the updating of the counts of data error instances are performed for a particular number of repetitions. The method includes identifying each bit position having an associated count of data error instances equal to the particular number of repetitions as a recurring error bit position.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3446/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DIVIDED FUNCTION DISPOSABLE INJECTOR SYRINGE.

(51) International classification	:A61M5/178; A61M5/20	(71) <b>Name of Applicant :</b> <b>1)ATTAR RAMEEZ MUBARAK</b> Address of Applicant :C (1), 7, SANDALWOOD, SUKHWANI CAMPUS, OPP. S.T. STAND, VALLABHNAGAR, PIMPRI, PUNE-411 018. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)ATTAR RAMEEZ MUBARAK</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Using divided function injector syringe is more convenient and provides better scope for needle insertion. overall idea of having such design comprising of three components i.e. injector barrel[1], connector pipe [2] and needle holder[3] is to disintegrate the axis along which both needle inserting force and piston pressure is applied. the only possible disadvantage. is cost of this syringe will be slightly greater compared to conventional syringes. but it is very cheap compared to computer / machine automated injecting systems. it is portable and it can be used not only in dentistry but also in blood collection, vaccination, fine needle aspiration, aspiration of fluid from any part of body involving visceral structures .techniques of injections in which nerve injury probability is more; divided functional injector syringe is more reliable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3179/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PHARMACEUTICAL FORMULATION OF CYCLOSERINE SUSTAINED RELEASED CAPSULES

(51) International classification	:A61K 38/00	(71)Name of Applicant : <b>1)J. DUNCAN HEALTHCARE PVT.LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :PLOT NO. 65,66 & 67, PHASE II,
(32) Priority Date	:NA	ATGAON INDL. COMPLEX, SHAHPUR, THANE,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MR. ALOK KUMAR</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a formulation where cycloserine is designed to be released in a sustained manner at a time point some time after administration of the active agent. The present invention also describes a simple process for obtaining stable oral sustained release formulation in hard gelatine capsules.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3456/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR MANAGING CUSTOMER CONTACTS IN A CONTACT CENTER

(51) International classification	:G06F15/173
(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)NORTEL NETWORKS LIMITED**  
Address of Applicant :2351, BOULEVARD ALFRED-  
NOBEL, ST. LAURENT QUEBEC, H4S 2A9 CANADA  
(72)**Name of Inventor :**  
**1)JOHN COSTELLO**  
**2)NEIL O'CONNOR**  
**3)YOAKUM JHON**

(57) Abstract :

A computer-implemented method of reserving resources for a customer contacting a contact center. The method includes the steps of identifying the customer associated with a contact received at the contact center, accessing a customer profile to determine at least one non-agent resource to be associated with the contact based on the customer profile; reserving the non-agent resource for the contact; and allocating the non-agent resource to the contact.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3457/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : DATA STORAGE, TRANSFER, CHAT AND PLAY AUDIO/VIDEO THROUGH BLUETOOTH/INFRARED ENABLED USB DEVICE.

(51) International classification	:H04M11/00; H04B1/38	(71) <b>Name of Applicant :</b> <b>1)UDAYSINH SHRIKANT GHATAGE</b> Address of Applicant :158, 'E' WARD, KADAMWADI, KOLHAPUR :- 416 003 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)UDAYSINH SHRIKANT GHATAGE</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The data transfer device comprises of inbuilt storage memory, bluetooth/infrared module and touch screen capability. Data from any other data storage device can be viewed; transferred or stored into the internal memory of the device. The device consists of male and female USB ports. The data stored inside the inbuilt memory storage of the device can be transferred to any other device either by connecting it to the other data storage device or via bluetooth/infrared or any other connectivity devices. The stored data can be accessed by any compatible device i.e. computer or television or other devices. By bluetooth/infrared device we can chat with other same device person those who are having such facility and in bluetooth/infrared range. Even it comprises the audio and video devices with speaker and headphone facility. Current scenario for data transfer requires either pc or any other medium for transferring data from one mass storage device to another. To overcome these drawbacks this device is designed. This device is designed as per the requirement of the current scenario of data transfer without any external medium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3459/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : POSITION INDICATION MECHANISM FOR A MOTOR CONTROL CENTER

(51) International classification	:H02B1/26	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)LARSEN &amp; TOUBRO LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE,BALLARD
(33) Name of priority country	:NA	ESTATE,MUMBAI- 400 001,MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GNANA GANESH B</b>
(87) International Publication No	:N/A	<b>2)ROHIDAS H. LASTE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a position indication mechanism for indicating position of a module in a motor control center, the mechanism comprises a chassis, a cam mounted on a shaft, and a follower mounted on a bracket that allows the follower to move with the cam. When the cam rotates, profile or shape of the cam causes the follower to move in a particular way thereby indicating the corresponding position of the module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.346/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/02/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : VEHICLE HOOD PANEL WITH STIFFENER FOR PEDESTRIAN PROTECTION

(51) International classification	:B60R21/21; B60R21/34	(71) <b>Name of Applicant :</b> <b>1)MAHINDRA &amp; MAHINDRA LIMITED</b> 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) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RITESH KUMAR JAIN</b>
(87) International Publication No	: NA	<b>2)SURESH RAGHUNATH KALE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the vehicle hood panel with stiffener for pedestrian protection. The said hood panel comprises an outer panel,(1) an inner pane! (not shown) and a stiffener pad (2) in the sheet form having number depression formation(3) on the surface. The said stiffener pad (2) is integrated with the outer panel (1) with the help of suitable adhesives or sealers. The said outer panel (1) and inner panel are connected together by hemming so that the stiffener pad (2) is positionally sandwiched between inner panel and outer panel(1) of the hood of a vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3167/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR ENHANCING HUMAN COUNTING BY FUSING RESULTS OF HUMAN DETECTION MODALITIES

(51) International classification	:G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(33) Name of priority country	:NA	FLOOR, NARIMAN POINT,MUMBAI 400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)GUPTA ROHIT</b>
(61) Patent of Addition to Application	:1359/MUM/2011	<b>2)SINHA ANIRUDDHA</b>
Number	:01/01/1900	<b>3)PAL ARPAN</b>
Filed on		<b>4)CHAKRAVORTI ARITRA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method and a system for enhancing accuracy of human counting in at least one frame of a captured image in a real-time in a predefined area. The present invention detects human in one or more frames by using at least one human detection modality for obtaining the characteristic result of the captured image. The invention further calculates an activity probability associated with each human detection modality. The characteristic results and the activity probability are selectively integrated by using a fusion technique for enhancing the accuracy of the human count and for selecting the most accurate human detection modality. The human is then performed based on the selection of the most accurate human detection modality.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3169/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A HERMETIC PRESSURE LEAF FILTER FOR DRY DEWAXING AND WINTERISATION WITHOUT FILTER AID

(51) International classification	:C11B1/00; C11B3/00	(71) <b>Name of Applicant :</b> <b>1)DESMET BALLESTRA INDIA PVT LTD</b> Address of Applicant :APEEJAY CHAMBERS 5,WALLACE STREET FORT AREA MUMBAI- 400 001 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)ATUL SHARAD JOSHI</b>
(33) Name of priority country	:NA	<b>2)G.V.MARKANDA CHARI</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved horizontal retractable shell hermetic pressure leaf filter is designed for the separation of waxes / saturated tri-glycerides from vegetable oils with the objective to overcome the problem with turbid appearance to the refined oil especially in the winter and cold climate conditions. The leaf filter of the present invention does not require any filter aid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3470/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYNTHESIS OF 4-ALKYLCALIX[N]ARENES IN PRESENCE OF ALUMINA SUPPORTED KF UNDER MICROWAVE IRRADIATION.

(51) International classification	:C07C37/20; C07C37/52	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. M.M.V RAMANA</b>
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, KALINA CAMPUS
(86) International Application No	:NA	VIDYANAGARI, SANTACRUZ (EAST), MUMBAI: 400098.
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	<b>2)M. S. RAJE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHRIMANT V. RATHOD.</b>
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	<b>1)DR. M.M.V RAMANA</b>
Filing Date	:NA	<b>2)M. S. RAJE</b>
		<b>3)SHRIMANT V. RATHOD.</b>

(57) Abstract :

The present invention relates to a novel process for preparing p-calix [8]arene (XXIV); p-methylcalix[4]arene (XXV); p-phenylcalix[4]arene (XXVI); p-benzylcalix[4]arene (XXVII); p-cumylcalix [4] arene (XXVIII); p-methoxy calix[4]arene (XXIX); p-carbomethoxycalix[4]arene (XXX ) in presence of alumina supported KF under microwave irradiation

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3470/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A TESTING DEVICE FOR SIMULTANEOUSLY TESTING THE DIMENSIONS A PLURALITY OF PROFILES OF A WORK PIECE

(51) International classification	:G06F11/36	(71)Name of Applicant : <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, DR ANNIE BESANT
(32) Priority Date	:NA	ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)BAIDYANATH GHOSH</b>
(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 testing device for simultaneously testing the dimensions of a plurality of profiles of a work piece (1), the device comprising a frame (9) adapted to hold the work piece (1) on a top surface (7) thereof, a dial indicator (10, 11, 12, 13) corresponding to each profile (3, 14, 4, 5) of the work piece (1) to be tested held horizontally over the top surface (7) of the frame (9) by a supporting means (15, 16, 17, 18) and a movable contact member (23, 24, 25, 26) & (27, 28, 29, 30) corresponding to each dial indicator (10, 11, 12, 13) held siidingly on the top surface (7) of the frame (9) between the respective dial indicator (10, 11, 12, 13) and the profile (3, 14, 4, 5) of the work piece (1) to be tested, a free end of the spindle (19, 20, 21, 22) of each dial indicator (10, 11, 12, 13) being connected to respective the movable contact member (23, 24, 25, 26).

No. of Pages : 13 No. of Claims : 5

(54) Title of the invention : SYNTHESIS OF 4-TERTBUTYLCALIX[N]ARENES HAVING PHENYL SUBSTITUENT/SUBSTITUTED PHENYL ON METHYLENE BRIDGES.

(51) International classification	:C07C235/32; C07C37/52	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. M.M.V. RAMANA</b>
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, KALINA CAMPUS
(33) Name of priority country	:NA	VIDYANAGARI, SANTACRUZ (EAST), MUMBAI: 400098.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	<b>2)M.S. RAJE</b>
(87) International Publication No	: NA	<b>3)SHRIMANT V. RATHOD</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DR. M.M.V. RAMANA</b>
(62) Divisional to Application Number	:NA	<b>2)M.S. RAJE</b>
Filing Date	:NA	<b>3)SHRIMANT V. RATHOD</b>

(57) Abstract :

The present invention relates to a novel process for preparing 2,8,14,20,26,32,38,44- octa phenyl -5,11,17,23,29, 35, 41, 47 - octa-tert butyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene ( XXXI ); 2,8,14,20,26,32-hexa(4-chloro)phenyl-5,11,17,23,29, 35 -hexa4ertbutyl-37,38,39,40,41,42-hexahydroxycalix[6]arene (XXXII); 2,8,14,20,26,32- hexa(3-chloro)phenyl-5,11,17,23,29, 35 -hexa-tertbutyl-37,38,39,40,41,42- hexahydroxycalix[6]arene (XXXIII); 2,8,14,20,26,32,38,44,50- nona (4-bromo) phenyl-5,11,17,23,29,35,41,47,53- nona-tertbutyl- 55,56,57,58,59,60,61, 62, 63-nonahydroxycalix [9] arene ( XXXIV ); 2,8,14,20,26,32,38,44- octa (4-fluoro) phenyl -5,11,17,23,29,35,41,47- octa-tertbutyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene (XXXV):- 2,8,14,20,26,32,38,44,50,56-deca (4-nitro) phenyl-5,11,17,23,29,35,41,47,53,59-deca- tertbutyl-61,62,63,64, 65,66,67, 68, 69,70- decahydroxycalix [10] arene (XXXVI); 2,8,14,20,26,32,38,44,50,56,- deca (3-nitro) phenyl-5,11,17,23,29,35,41,47,53,59-deca- tertbutyl- 61,62,63,64, 65,66,67, 68, 69,70- decahydroxycalix [10] arene ( XXXVII); 2,8,14,20,26,32,38,44,50,56,- deca (2-nitro) phenyl- 5,11,17,23,29,35,41,47,53,59-deca- tertbutyl- 61,62,63,64,65,66, 67, 68, 69,70- decahydroxycalix [10] arene (XXXVIII); 2,8,14,20,26,32,38,44,50,56-deca (4-cyano)phenyl-5,11,17,23,29,35,41,47,53,59-deca- tertbutyl-61,62,63,64, 65,66,67, 68, 69,70- decahydroxycalix [10] arene ( XXXIX); 2,8,14,20,26,32,38,44- octa (4-methoxy) phenyl -5,11,17,23,29,35,41,47- octa-tertbutyl 49,50,51,52, 53, 54, 55,56- octahydroxycalix [8]arene (XL); 2,8,14,20,26,32,38,44- octa (3- methoxy) phenyl- 5,11,17,23,29,35,41,47- octa-tertbutyl 49,50,51,52,53, 54,55,56- octahydroxycalix [8]arene (XU); 2,8,14,20,26,32-hexa(3,4-dimethoxy)phenyl- 5,11,17,23,29, 35 -hexa-tertbutyl-37,38,39,40,41,42-hexahydroxycalix[6]arene (XLII); 2,8,14,20- tetra (3,4,5,- trimethoxy) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28-tetrahydroxycalix [4] arene (XLIII); 2,8,14,20- tetra (2,4,6- trimethoxy) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28- tetrahydroxycalix [A] arene ( XLIV):- 2,8,14,20- tetra (4-dimethylamino) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28- tetrahydroxycalix [4] arene ( XLV ) in presence of a solvent and a base.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3125/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR MASHING UP PREPROCESSED CONTEXT SENSITIVE USER DATA

(51) International classification	:G10H1/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(33) Name of priority country	:NA	FLOOR, NARIMAN POINT,MUMBAI 400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)DEY, SOUNAK</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SUR, AVIJIT</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The application provides a method and system for mashing up preprocessed context sensitive user data using existing broadcast bandwidth of a television. The application provides a method and system for utilizing context sensitive data of the user's peer group for a comparative analysis and providing a feedback of the said context sensitive data thereof.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : ASENAPINE

(51) International classification	:C07D 491/044	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD 380 015, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DWIVEDI, SHRIPRAKASH, DHAR</b>
Filing Date	:NA	<b>2)PRASAD, ASHOK</b>
(87) International Publication No	: NA	<b>3)SHARMA, PIYUSH, RAJENDRA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for preparing novel salt of Asenapine of formula (II). wherein S represents acid selected from the group consisting mineral acid or organic acid; the process comprises; i) reacting Asenapine of formula (i) with an acid in presence of a solvent: ii) obtaining novel salts of Asenapine of formula {II}.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : TEST PEOCESS ASSESSMENT SYSTEM

(51) International classification :G06Q50/00  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No :N/A  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)TATA CONSULTANCY SERVICES LIMITED**

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

(72)Name of Inventor :

**1)C DHANALAKSHMI**

**2)MANCHAVAJJHALA KRISHNAVENI**

**3)KARAKA ANUSHA**

**4)MOHANAKUMAR VASANTHAPRIYA**

**5)NATARAJAN, JAY**

**6)GANESAN, SIVA**

**7)SAMPATH, VIJAY**

(57) Abstract :

An automated system and method for assessing test process maturity levels during a testing project is disclosed. The system also provides key information to arrive at the gaps and strengths of the testing process with respect to industry standards. Significantly the system remains compliant to existing industry models and generates extensive reports on maturity levels across process areas and other compliance reports.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3127/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE PURIFICATION OF TISSUE PLASMINOGEN ACTIVATOR

(51) International classification	:C12N 9/72; C12N 9/48	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD 380 015, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)BANDYOPADHYAY, SANJAY</b>
(33) Name of priority country	:NA	<b>2)MENDIRATTA, SANJEEV KUMAR</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides process of purification of tissue plasminogen activator (tPA) from a crude mixture or a partially purified mixture containing tPA protein and impurities by using hydrophobic interaction column chromatography, optionally in combination with ion exchange column chromatography.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3129/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : MOBILE APPLICATION WRAPPER FOR ENABLING ONLINE SERVICES

(51) International classification :G06F19/00  
(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)Vserv Digital Services Pvt. Ltd.**

Address of Applicant :605 Eco House Vishweshwar Nagar  
Off. Aarey Road Goregaon (East) Mumbai-400 063  
Maharashtra India

(72)Name of Inventor :

**1)Ashay Vinayak Padwal**

**2)Ashok Ramchandra Patel**

(57) Abstract :

A system for inserting one or more services within a software application is provided. The system comprises memory circuitry configured to receive and store a software application and a service module. The software application is defined by a first set of instructions and the service module defined by a second set of instructions. The system further comprises processing circuitry configured to execute the service module with the software application to generate a service integrated software application. The service module is configured to enable one or more online services on the software application by inserting a third set of instructions at pre-defined locations within the first set of instructions of the software application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3497/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF TESTING A FLASH MEMORY•

(51) International classification	:G06F12/00	(71) <b>Name of Applicant :</b> <b>1)FLUIDITECH IP LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :Offshore Incorporations (Seychelles)
(32) Priority Date	:NA	Limited P.O. Box 1239 Offshore Incorporations Centre
(33) Name of priority country	:NA	Victoria Mahe Republic of Seychelles Seychelles
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHU YUNG-CHIANG</b>
(87) 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 testing a flash memory is applied to retrieve the flash memory available by picking up a defective flash memory. The flash memory includes at least a block, a page, and a cell. The method comprises inputting a test command into the flash memory to execute at least one of write, read, or compare of the flash memory. After the test command is executed, the states of the block, page, and cell in the flash memory may be obtained. The states are marked in a flash memory distribution list to allow a controller to access at least one of the normal block, page, and cell from the list. Thus, in the method, the normal block, page, and cell may be obtained.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3154/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : POSITION-KEEPING IN A MULTI-MARKET ENVIROMENT

(51) International classification	:G06F3/033; G06Q40/04	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SURESH, SATYA R</b>
(33) Name of priority country	:NA	<b>2)SUBRAMANIAM,GANAPATHY.N</b>
(86) International Application No	:NA	<b>3)MAMMEN,SYDNEY</b>
Filing Date	:NA	<b>4)GALGALI, VENU</b>
(87) 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 computerized method of implementing position-keeping in a multi-market environment is described herein. The method comprises identifying a plurality of instrument transaction parameters based on a universal instrument ID of at least one instrument. The instrument transaction parameters comprise a market level identifier and a register level identifier. Further, at least one consolidation line is generated for the instrument based on at least the plurality of instrument transaction parameters, wherein the position-keeping is achieved based on the consolidation line.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3485/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF ARGATROBAN

(51) International classification	:A61K 31/4709	(71) <b>Name of Applicant :</b> <b>1)ENALTEC LABS PRIVATE LIMITED</b> Address of Applicant :17TH FLOOR, KESAR SOLITAIRE, PLOT NO.5 SECTOR-19, SANPADA, NAVI MUMBAI PIN CODE: 400705 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BOBBA VENKATA SIVAKUMAR</b>
(87) International Publication No	:N/A	<b>2)KODALI ESWARA RAO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GIRISH BANSILAL PATEL</b>
Filing Date	:NA	<b>4)SANJAY DASHRATH VAIDYA</b>
(62) Divisional to Application Number	:NA	<b>5)ALOK PRAMOD TRIPATHI</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel crystalline form of argatroban refers herein after as crystalline form III, processes of preparing crystalline form III of argatroban and pharmaceutical composition thereof.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3487/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : WIRELESS DATA COMMUNICATION OVER ACOUSTIC CHANNEL

(51) International classification	:H04B 3/50	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PURUSHOTHAMAN Balamuralidhar</b>
Filing Date	:NA	<b>2)SINHA Rahul</b>
(87) International Publication No	: NA	<b>3)BHUJADE Rajeev</b>
(61) Patent of Addition to Application Number	:NA	<b>4)CHANDRA MARISWAMY Girish</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for data communication over acoustic channel are described. The method of data communication may include receiving data for transmission over an acoustic channel where the data is divided into one or more data sequences to generate an encoded data sequence. The method also includes modulating the encoded data sequence based on a lattice multi-tone frequency shift keying (FSK) to generate a modulated signal where the multi-tone FSK involves a plurality of frequencies and where the frequencies are based on a multi-dimensional frequency lattice. Further, the method includes transmitting the modulated signal over the acoustic channel.

No. of Pages : 45 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3490/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PASSPORT HANDLING SYSTEM.

(51) International classification	:G07D 13/00	(71) <b>Name of Applicant :</b> <b>1)VFS GLOBAL SERVICES PVT. LTD.</b> Address of Applicant :9TH FLOOR, TOWER-A, URMI ESTATE, 95, GANPATRAO KADAM MARG, LOWER PAREL (W), MUMBAI-400013 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SOHRAB HANIF</b>
(87) International Publication No	:N/A	<b>2)SINGH ANIRUDH PRATAP</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An asset handling system for ensuring error-proof receiving, processing and delivery of an asset to a rightful owner after processing of the asset includes an online terminal, a PIN generation module, a receipt generation module and a kiosk. The online terminal receives user specific data, asset retrieval application and issues a token and facilitates registration of a mobile communication device of the user. The PIN generation module generates a PIN corresponding to mobile communication device registration. The receipt generation module generates a first receipt at time of submission of the asset. The Kiosk receives user specific data and dispenses second receipt. The kiosk includes an envelope loading module, an envelope storage, a display screen, an asset handing module, a tagging module, a receipt dispenser, an input device, a token reader, a receipt acceptor, a dispensing module, and a verification module that verifies user based on PIN, first receipt and token.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3492/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING BUOYANCY TO A WATER VESSEL

(51) International classification	:B63H 1/00	(71) <b>Name of Applicant :</b> <b>1)MEHTA, VIRENDRA J</b>
(31) Priority Document No	:NA	Address of Applicant :KAMAT CLASSIC 8-T/2 PHASE 4,
(32) Priority Date	:NA	CARANZALEM PANJIM GOA 403002 India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MEHTA, VIRENDRA J</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for providing additional buoyancy to a water vessel. The system comprises one or more housing chambers and a plurality of buoyancy units positioned within the one or more housing chambers. The one or more housing chambers receive water therewithin to enable the plurality of buoyancy units to exert an upward thrust to provide buoyancy to the water vessel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3232/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS

(51) International classification	:A23F 3/14; A23F 3/16	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI - 400020, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)GOVINDASWAMY VADIVEL</b>
(33) Name of priority country	:NA	<b>2)MUKHOPADHYAY RESHMEE</b>
(86) International Application No	:NA	<b>3)NAGARAJAN KALAIVANAN</b>
Filing Date	:NA	<b>4)NARAYANAN VENKATRAJ VENKATRAO</b>
(87) International Publication No	: NA	<b>5)PAYAL</b>
(61) Patent of Addition to Application Number	:NA	<b>6)VENKATESH PURNA</b>
Filing Date	:NA	<b>7)WARBOYS MICHEAL JOHN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Process The present invention relates to a process which allows for the preparation of tea products comprising tea juice which are suitable for diluting to prepare beverages. The present inventors have identified that generation of carbon dioxide during the storage of tea juice in containers can cause problems. It is an object of the present invention to provide a packaged tea juice in a stable form. The present inventors have now surprisingly found that treating tea juice using a specific time-temperature regime leads to a reduction in CO<sub>2</sub> generation during storage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3520/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MICROCONTROLLER BASED PRECISION AGRICULTURE SYSTEM AND A METHOD THEREOF.

(51) International classification	:G06F 9/30	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)BHARATI VIDYAPEETH (DEEMED UNIVERSITY)</b>
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRONICS
(33) Name of priority country	:NA	ENGINEERING, S. NO. 26/27, PUNE-SATARA ROAD,
(86) International Application No	:NA	PUNE- 411043, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)KULKARNI SWATI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A microcontroller based precision agriculture system for a greenhouse, said system including a transmitter circuit further including a microcontroller; an RS232 driver circuit coupled to said microcontroller; a global system for mobile (GSM) unit coupled to RS232 driver circuit; an array of sensors coupled to a signal conditioning circuit further coupled to microcontroller; a key board coupled to microcontroller; and a liquid crystal display (LCD) coupled to microcontroller; and a receiver circuit further including a microcontroller; a universal synchronous bus (USB) driver coupled to microcontroller; a computing unit coupled to USB driver; an actuator coupled to microcontroller; and an RS232 driver circuit coupled between a global system for mobile (GSM) unit and microcontroller; transmitter circuit and receiver circuit adaptively coupled through microcontroller to exchange precision parameters pertaining to an entire growth cycle of a sensitive crop. Other embodiments are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3521/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN FPGA BASED AUTOMATED CROP CONTROL SYSTEM AND A METHOD THEREOF.

(51) International classification	:G01C 3/08	(71) <b>Name of Applicant :</b> <b>1)BHARATI VIDYAPEETH (DEEMED UNIVERSITY)</b> Address of Applicant :DEPARTMENT OF ELECTRONICS ENGINEERING, S. NO. 26/27, PUNE-SATARA ROAD, PUNE- 411043, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)MULIK VINOD PRAKASH</b>
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 FPGA based automated crop control system including an FPGA further including: a microcontroller; a Universal Asynchronous Receiver and Transmitter (UART) coupled to an output of said microcontroller; and a read only memory (ROM) coupled to an output of said microcontroller; a transceiver unit coupled to said FPGA, said transceiver unit further comprising: a micro control unit; a digital input/output (I/O) unit coupled to said micro control unit; an analog to digital converter coupled to said micro control unit; a radio transceiver coupled to said micro control unit; and an antenna coupled to said radio transceiver; and a wireless sensory network coupled to said transceiver unit; said transceiver powered by a ZigBee and X'bee networking protocols for enabling said FPGA automate greenhouse parameters, irrigation parameters, fertigation parameters, and harvesting parameters. Other embodiments are also disclosed.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3522/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MULTI-TUBE HEAT EXCHANGER

(51) International classification	:F28F 27/00	(71) <b>Name of Applicant :</b> <b>1)THERMAX LIMITED</b> Address of Applicant :D-13, MIDC, R.D. AGA ROAD, CHINCHWAD, PUNE- 19, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAVALE, DEVADATTA</b>
Filing Date	:NA	<b>2)KULKARNI, SAMEER</b>
(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 multi-tube shell and tube heat exchanger comprising: a plurality of tubes, an outer shell having a larger diameter to accommodate said plurality of tubes, a plurality of expander/reducer at both the open ends of said plurality of tubes, a plurality of tube sheets having holes for inserting said tubes therethrough, a plurality of inlet/outlet nozzles, a plurality of tube side headers, wherein said plurality of tubes inserted inside said outer shell is configured as a shell and tube assembly for forming a coil, and said tubes are joined/welded to said tube sheet and said tube sheet is joined/welded to said expander/reducer, then said inlet/outlet nozzles are attached to said expander/reducer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3279/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : EXTENDED RELEASE PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K 9/20	(71)Name of Applicant : <b>1)K B INSTITUTE OF PHARMACEUTICAL EDUCATION &amp; RESEARCH(KBIPER)</b> Address of Applicant :K B INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH(KBIPER), KADI PHARMACY CAMPUS, GATE NO:1, SECTOR 23,GH-06 ROAD, GANDHINAGAR, GUJARAT-382023. India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)MR. PUNIT BHAILALBHAI PAREJIYA</b>
(33) Name of priority country	:NA	<b>2)DR. ARUN KUMAR SHIV SHARMA SHUKLA</b>
(86) International Application No	:NA	<b>3)DR.PRAGNA KRISHNACHANDRA SHELAT</b>
Filing Date	:NA	<b>4)DR. GAURANG BHAGVANDAS SHAH</b>
(87) International Publication No	:N/A	<b>5)MR. BHAVESH SUBHASHCHANDRA BAROT</b>
(61) Patent of Addition to Application Number	:NA	<b>6)MRS. HETAL KAUSHAL PATEL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides an extended release pharmaceutical composition comprising Milnacipran or a pharmaceutically acceptable salt thereof comprising a wax as rate controlling excipient. Further the present invention provides a process for preparing an extended release pharmaceutical composition of Milnacipran or a pharmaceutical acceptable salt thereof by molding method.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3560/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF FORMING HOLLOW BLOW-MOLDED FOAM AND SUCH HOLLOW BLOW-MOLDED FOAM

(51) International classification	:B29C 49/00	(71)Name of Applicant : <b>1)KYORAKU CO., LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :598-1, TATSUMAE-CHO,
(32) Priority Date	:NA	NAKADACHIURI-SAGARU, KARASUMADORI,
(33) Name of priority country	:NA	KAMIGYO-KU, KYOTO-SHI, KYOTO 6020912 JAPAN.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)IGARASHI YU</b>
(87) International Publication No	:N/A	<b>2)ONODERA MASAACKI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)OHNO YOSHINORI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a method of forming a hollow blow-molded foam and also provide such a hollow-molded foam, which are capable of improving a flow-rate efficiency of a fluid that flows through the inside of the hollow blow-molded foam. A foaming resin is sandwiched between molds so that a hollow blow-molded foam having a ventilation path is molded, and a fluid for use in cooling the hollow blow-molded foam is allowed to flow through the ventilation path so that the hollow blow-molded foam is cooled.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3561/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR LOCATING CHARACTERS ON A DOCUMENT

(51) International classification	:G06K 9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)De La Rue North America Inc.</b>
(32) Priority Date	:NA	Address of Applicant :6401 Commerce Drive Irving TX
(33) Name of priority country	:NA	75063 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Anand Prasad Chinnaswamy</b>
(87) International Publication No	: NA	<b>2)Shiju Poovakurussi Kizhakekara</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Rakesh Simpi</b>
Filing Date	:NA	<b>4)Karguvel Rajan Ramachandran</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for locating characters on a document are provided. In one embodiment a method for locating characters on a document includes receiving an image of a document identifying a set of character candidate forms in the image based on image intensity data identifying a set of characters from the set of character candidate forms based on spatial characteristics of the set of character candidate forms and outputting a location of the set of characters.

No. of Pages : 44 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3562/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NATURAL DRAFT BASED DUAL COMBUSTION COOKING STOVE.

(51) International classification	:F24B1/10; F24B1/189	(71) <b>Name of Applicant :</b> <b>1)MICHEL PIOTROWSKI</b> Address of Applicant :B-317, SHREE NAND DHAM SECT 11, CBD BELAPUR, NAVI MUMBAI 400 614 INDIA <b>2)NEHA JUNEJA</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MICHEL PIOTROWSKI</b>
(87) International Publication No	: NA	<b>2)NEHA JUNEJA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is a biomass burning cookstove optimized for burning firewood and other unprocessed fuels commonly used in rural communities. The construction of the stove is done in a manner to avoid any moving parts and ensure longevity of life and operation. Solid fuel is added to the side opening of the combustion chamber while flame for cooking is at the top of the chamber. This is similar to mode of operation of the current cookstoves used in rural areas. Solid fuel undergoes primary combustion at the grate of the chamber due to the air intake from the bottom of the grate. Subsequently, secondary combustion of unburnt gases and carbon occurs near the top of the chamber due to the dedicated channels providing secondary air for the combustion. These channels in the form of runner pipes provide a passage across pressure and temperature gradient for air to reignite the gases and particles left unburnt from the primary combustion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3564/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : BUILT-IN SUPPORT ARRANGEMENT FOR A MODULAR INSULATED DRIVE SHAFT USING MECHANICAL ELEMENTS

(51) International classification	:B24B 41/00	(71)Name of Applicant : <b>1)LARSEN &amp; TOUBRO LIMITED</b> Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)KAJANA Chakravarthi V.P.B.</b>
Filing Date	:NA	<b>2)MOHANRAJ Bhuvaneswari</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates generally to circuit breakers. More particularly the present invention relates to an improved integrated drive shaft assembly for circuit breakers. Assembly comprising atleast a pair of drive shafts coupled to electric poles; atleast a pair of end caps (1) placed substantially on ends of said drive shaft; atleast one support means (2) for supporting said drive shaft in electric pole; atleast a pair of substantially bent pins (3) attached to a moving contact means (4) placed between said pair of end caps (1) adapted to assemble in a plurality of slots provided in said end caps; atleast one actuation means having a plurality of actuation receptacles; wherein said drive shaft adapted to provide substantially uniform contact pressure across the electric poles and substantially reduce relative torsional movement between said poles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3297/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A COLLAR STAYS, A METHOD FOR MANUFACTURING A COLLAR AND A COLLAR THEREOF;

(51) International classification	:A41D 27/00	(71)Name of Applicant : <b>1)SIYARAM SILK MILLS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :H-3/2,MIDC, A-ROAD,TARAPUR,BOISAR, DISTRICT-THANE-401 506, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SHRINIWAS MAINDARGE</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in general relates to collar stays in a collar, a method for manufacturing a collar and a collar/shirt thereof. According to present invention the collar stay for a shirt having collar, comprises atleast two legs forming a V shaped body of a predetermined angle wherein atleast one of the legs of the stay is adapted parallel to a selvedge of the collar.

No. of Pages : 16 No. of Claims : 17

(54) Title of the invention : CHEMICAL SYNTHESIS OF WIDE BAND GAP N-TIO<sub>2</sub> AND P-CUSCN AS A HETEROJUNCTION PARTNERS FOR DETECTION OF LIQUEFIED PETROLEUM GAS (LPG) AT ROOM TEMPERATURE

(51) International classification	:B01J21/06; C23C18/12	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. BABASAHEB RAGHUNATH SANKAPAL</b>
(32) Priority Date	:NA	Address of Applicant :THIN FILM & NANO SCIENCE
(33) Name of priority country	:NA	LABORATORY, DEPARTMENT OF PHYSICS, NORTH
(86) International Application No	:NA	MAHARASHTRA UNIVERSITY, JALGAON, 425 001,
Filing Date	:NA	(M.S.), MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)DR. BABASAHEB RAGHUNATH SANKAPAL</b>
Filing Date	:NA	<b>2)MR.RAVINDRA DEVIDAS LADHE</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract :

First time attempt is made to form bi-layer structure device consisting of first TiO<sub>2</sub> layer by doctor blade technique with step annealing at 400-500 °C followed by CuSCN layer by SILAR method to form the heterojunction as well as to use this heterojunction to sense the liquefied petroleum gas (LPG) at room temperature. The reports are available for the synthesis of individual TiO<sub>2</sub> layer by doctor blade technique where as CuSCN layer by SILAR method. No report is available to form this type of bi-layer structure device as well as for LPG sensor. The formed bi-layer structure was characterized by using structural, surface morphological, compositional studies and optimized to form the better heterojunction device. For the fabrication of heterojunction, thickness of each material is to be optimized in order to get high quality heterojunction. After the fabrication of heterojunctions, current-voltage (I-V) characteristics were studied in order to evaluate various electrical parameters to test the diode quality. The gas sensing performance at different concentrations of LPG is carried out at room temperature by current-voltage (I-V) characteristics under the forward bias condition. Lastly, the performance of LPG sensors is evaluated in terms of their sensitivity. The sensitivity about 67 % was achieved at 1000 ppm of LPG concentration at room temperature along with stability test for almost 12 days. Also the response time and recovery time were observed with remarkable achievements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.330/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/02/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ANTICORROSIVE COATING COMPOSITION AND PROCESS FOR PRODUCING THE SAME

(51) International classification	:C09D 5/08; C09D191/00	(71) <b>Name of Applicant :</b> <b>1)NORTH MAHARASHTRA UNIVERSITY</b> Address of Applicant :NORTH MAHARASHTRA UNIVERSITY, PB-80, UMAVINAGAR, JALGAON, 425 002, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PROF. PRAMOD PANDURANG MAHULIKAR</b>
(87) International Publication No	: NA	<b>2)DR. DILIP GIVINDALAL HUNDIWALE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MR. RAJENDRA SAMBHAJI JADHAV</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Encapsulated polymers in coatings have ability to heal the cracks during to damage wherever and whenever it occurs in the material. Iron and steel structures installed in the open air are sensitive to corrosion. It is, therefore, necessary to apply a primer coating for the purposes of preventing corrosion. However, most of the conventional tops coating systems require to be recoated at a period of every five to six years. Therefore, to increase the period of protection, the anticorrosive substance may be released only after onset of corrosion. To overcome the problem, the present invention describes microspheres containing active ingredient which may be used as self healing anticorrosive material and the material may be compatible with epoxy resin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3581/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : VIRTUAL NETWORK FOR PRIORITISED HANDLING OF A GROUP OF USERS

(51) International classification	:H04M 3/54	(71) <b>Name of Applicant :</b> <b>1)Indian Institute of Technology Bombay</b> Address of Applicant :Powai Mumbai 400076 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Punit Rathod</b>
Filing Date	:NA	<b>2)Akshay Mishra</b>
(87) International Publication No	: NA	<b>3)Gaurav Varshney</b>
(61) Patent of Addition to Application Number	:NA	<b>4)Abhay Karandikar</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Virtual Network for Prioritised Handling of a Group of Users. The invention herein relate to communication networks and. more particularly. to emergency call handling in communication networks. Invention herein disclose a method and system where a certain group of subscribers (hereinafter referred to a High Priority Subscribers (HPS)) are to be given a higher priority of access. The group of subscribers in question may be spread across multiple mobile service providers or operators. The group of subscribers may not need prioritized access all the time and need this only in certain events. The prioritized access can be enabled available on demand, and the subscribers can be treated like normal users otherwise.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3382/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF FC CONTAINING PROTEINS

(51) International classification	:C07K1/18; C07K1/00	(71) <b>Name of Applicant :</b> <b>1)INTAS BIOPHARMACEUTICALS LTD.,</b> Address of Applicant :INTAS BIOPHARMACEUTICALS LTD., PLOT NO. 423/P/A-GIDC, SARKHEJ-BAVLA HIGHWAY, MORAIYA, AHMEDABAD - 382 213 GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)MR. SUDIP MAJUMDER</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MR. MANISH SHARMA</b>
Filing Date	:NA	<b>3)MR. TARUN GUPTA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the purification of Fc containing proteins. A process comprising at least three chromatographic purification steps i.e. anion exchange chromatography, cation exchange chromatography and hydrophobic interaction chromatography. In a preferred embodiment, this process does not require any affinity chromatography and any reverse phase chromatography. The invention relates to, in particular, a process wherein the chromatographic purification steps have the carried out in the following order: a) anion exchange chromatography, b) cation exchange chromatography and c) hydrophobic interaction chromatography.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3383/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AMINE AND NITROXIDE BASED ADDITIVE COMPOSITION FOR CONTROL AND INHIBITION OF POLYMERIZATION OF STYRENE, AND METHOD OF USE THEREOF

(51) International classification	:C07C 15/46	(71)Name of Applicant : <b>1)DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :DORF KETAL TOWER, D'MONTE
(32) Priority Date	:NA	STREET, ORLEM, MALAD (W) MUMBAI-400064,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUBRAMANIYAM, MAHESH</b>
(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 additive composition for controlling and inhibition of polymerization of aromatic vinyl monomers including styrene comprising; (a) one or more of nitroxide (i.e. nitroxyl) compounds; and characterized in that the said composition further comprises one or more of (b) aliphatic amines selected from a group comprising tertiary amines, secondary amines and primary amines. In one embodiment, the present invention also relates to method of use of presently provided composition. In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers including styrene by employing presently provided composition. In still another embodiment, the present invention also relates to method of preparation of presently provided composition.

No. of Pages : 28 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3385/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF EPIRUBICIN HYDROCHLORIDE AND PROCESS THEREOF

(51) International classification	:A61K 31/496	(71)Name of Applicant : <b>1)STERLING BIOTECH LIMITED</b> Address of Applicant :43, ATLANTA BUILDING, NARIMAN POINT, MUMBAI - 400021 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)VARDHAN, ANAND</b>
Filing Date	:NA	<b>2)RAWAT, AJAY SINGH</b>
(87) International Publication No	:N/A	<b>3)JAMBU, SURESH PRABHUDAS</b>
(61) Patent of Addition to Application Number	:NA	<b>4)PATEL, KRUPAL PARSOTTAM</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel crystalline forms of Epirubicin hydrochloride SBL-1, SBL-2 and SBL-3 in particular SBL-3, which is useful as an anti-cancer chemotherapeutic drug. The present invention also provides process for preparing novel crystalline forms of Epirubicin hydrochloride SBL-1, SBL-2 and SBL-3 in particular SBL-3, which are distinct and reproducible in a consistent manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3386/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : IDENTIFICATION OF PLANTS WITH STRONG ALPHA-GLUCOSIDASE AND ALPHA-AMYLASE INHIBITORY ACTIVITIES.

(51) International classification	:C12N 15/00	(71)Name of Applicant : <b>1)DR. KULKARNI ANJALI ABHAY</b> Address of Applicant :FLAT NO. 201, DISHA APT., MAYUR COLONY, PLOT NO.25, DHAMANKAR PATH, KOTHRUD, PUNE-411 038. Maharashtra India <b>2)DR. KELKAR SWATI MADHUKAR</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)DR. KULKARNI ANJALI ABHAY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. KELKAR SWATI MADHUKAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Developing new treatments against Type II diabetes and other carbohydrate and fat metabolism related diseases is important due to a sharp rise in the number of sufferers all over the world. Inhibitors of alpha-glucosidase and alpha-amylase, important enzymes in the terminal stages of carbohydrate digestion, can slow down the release of sugar in blood after a meal. Present invention describes plant extracts exhibiting significantly higher alpha-glucosidase and alpha-amylase inhibitory activity, than the drugs in the market. The active compounds belong to the classes of terpenes, glycosides, phenolics, alkaloids, saponins etc. The enzyme inhibitory activity of the plant extracts is maintained over a wide pH range of 3-8. All the results point to a possible development of a pharmaceutical or nutraceutical formulation that can be consumed by humans directly without the need of a protective coating like a capsule (due to pH stability).

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3268/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : COLD STORAGE WITH ROOF INTEGRATED SOLAR DRYER AND WASTE HEAT RECOVERY

(51) International classification	:F28D 17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHANDAK AJAY GIRDHARILAL
(32) Priority Date	:NA	Address of Applicant : 'SHAMGIRI', AGRA ROAD, OPP.
(33) Name of priority country	:NA	SWAGAT LODGE, DEOPUR, DHULE:424 005, STATE:
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)CHANDAK AJAY GIRDHARILAL
(61) Patent of Addition to Application Number	:NA	2)CHANDAK ANURAG AJAY
Filing Date	:NA	3)DUBEY DEEPAK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Cold Storage with Roof Integrated Solar Dryer and Waste Heat Recovery is provided. Cold Storage with Roof Integrated Solar Dryer and Waste Heat Recovery include a solar hot air panels integrated with the roof of the cold storage building and waste heat generated from the condenser of refrigeration system is also utilized for drying applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3269/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROTECTIVE CLOSURE FOR BOTTLES WITH A SAFETY VALVE

(51) International classification	:F17C 7/04	(71) <b>Name of Applicant :</b> <b>1)HERTI AD</b>
(31) Priority Document No	:NA	Address of Applicant :Antim I Street No. 38 Shumen 9700
(32) Priority Date	:NA	Bulgaria
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Alexander Blagoev Yolianov</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The utility model refers to a protective closure for bottles with a safety valve (8) designed for closing of bottles for liquids. The protective closure consists of a cylindrical flange (1) and a plug (6) including an external closure (14) and a sleeve (16) that remain connected after opening the closure. The cylindrical flange (1) and the sleeve (16) are connected through a loose connection (3) and there is a safety element made out of separate segments (2) between the cylindrical flange (1) and the plug (6) and its segments are connected though a loose connection (4) to the external closure (14). Each segment is accommodated in a sectional slot (5) formed in the upper end along the periphery of the cylindrical flange

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3592/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING MULTIPLE VOICE SERVICES TO SUBSCRIBERS

(51) International classification	:H04M 1/725	(71) <b>Name of Applicant :</b> <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Mr. Vijay Jain</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system (100) for providing multiple voice services (110 112 114 115) from multiple service providers to subscriber™s premises. The system includes an Optical Line Terminal (OLT) (124) configured as an end point for the voice services provided by the multiple service providers. Further the OLT is configured to generate optical signals corresponding to the multiple services and transmit the optical signals. The system further includes a down link mechanism (125) for providing the various voice based services to the subscribers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3593/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING MULTIPLE SERVICES INCLUDING TRIPLE PLAY SERVICES TO SUBSCRIBERS

(51) International classification	:H04L 12/56	(71)Name of Applicant : <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system (100) for for providing multiple services (110 112 114) including triple play services (112) from multiple service providers SP1 SP2 SP3 to subscriber<sup>TM</sup>s premises. The system includes an Optical Line Terminal (OLT) (120) configured as an end point for the multiple services. Further the OLT is configured to generate optical signals corresponding to the multiple services and transmit the optical signals. The system further includes a Wavelength Division Multiplexer (130) configured to combine and transmit multiple signals generated by the OLT simultaneously at different wavelengths through a communication channel (140). The system may include a down link mechanism coupled to the communication for providing the multiple services to the subscribers.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3594/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING MPLS BASED SERVICES TO SUBSCRIBERS

(51) International classification	:H04L 12/28	(71) <b>Name of Applicant :</b> <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) 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 :

Discloses is a system for providing Multi-Protocol Label Switching (MPLS) based services from multiple service providers to one or more subscribers. The system comprises an MPLS core network coupled to one or more service providers, at least one Optical Line Terminal (OLT) coupled to the MPLS core network and at least one optical network terminal (ONT) coupled, on one end, to the at least one OLT and to one or more subscribers on another end. The OLT receives electrical signals pertaining to different services in form of packets which are labelled based on routing information of the respective subscribers. The OLT replaces labels of the packets with routing information and converts the said packets into corresponding optical signals. The ONT receives the corresponding optical signals from the OLT through a downlink mechanism based on the routing information and converts the received optical signals to component electrical signals for downlinking.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3289/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTEXT AWARE SYSTEM IN A SMART ENVIRONMENT.

(51) International classification	:H04L12/28	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDIN, 9th FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI-400 021, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)BHATTACHARYYA, ABHIJAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter described herein is directed to a computing device implemented in a smart environment (100). The computing device comprises an identification module (112) and a context based services module (110). The identification module (112) is configured to identify a user of the smart environment (100) based at least on a user identification code corresponding to the user. The user identification code may be one of an international mobile subscriber identity (IMSI) number and an international mobile equipment identity (IMEI) number. The context based services module (110) is configured to provide at least one context based service selected from a plurality of context based services based on the identification.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3290/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PURIFICATION OF LORNOXICAM

(51) International classification	:A61K 31/54; A61K 31/4439	(71) <b>Name of Applicant :</b> <b>1)FDC LIMITED</b> Address of Applicant :142-48, S.A. ROAD, JOGESHWARI (WEAST), MUMBAI - 400 102, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)CHANDAVARKAR, MOHAN ANAND</b>
(33) Name of priority country	:NA	<b>2)SOHANI, SUHAS VASANT</b>
(86) International Application No	:NA	<b>3)BHOIR, VIJITKUMAR GAJANAN</b>
Filing Date	:NA	<b>4)SAWANT, SAMEER NARAYAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a process for purification of Lornoxicam with increased yield and purity in a simple, easy and cost-effective manner, without the use of toxic and hazardous materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3290/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CALORIE BASED MENU SYSTEM

(51) International classification	:G06F19/00	(71) <b>Name of Applicant :</b> <b>1)DEWAN MOHAN</b>
(31) Priority Document No	:NA	Address of Applicant :MOHAN VILLA, 1147-B, SHIVAJI
(32) Priority Date	:NA	NAGAR, PUNE-411 016, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DEWAN MOHAN</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for determining, managing and optimizing the calorie intake of a user have been disclosed. The system, in accordance with the present disclosure determined the calorie intake of a user based on the basal metabolic rate and body mass index of the user and accordingly generates a customized menu for the user. The customized menu generated for the user includes food items having appropriate calories which help the user in maintaining good health. The system also enables the user to specify a calorie requirement and subsequently generates a food menu comprising food items having the calorie value specified by the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3612/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROPAD WITH PROJECTIONS TO IMPROVE VAGINAL STIMULATIONS AND ORGASMS DURING INTERCOURSE

(51) International classification	:A61P 15/00	(71)Name of Applicant : <b>1)ABHISHEK GUPTA</b>
(31) Priority Document No	:NA	Address of Applicant :G - 205 KABIR ENCLAVE, NEAR
(32) Priority Date	:NA	HOMEOPATHY COLLEGE, BOPAL, AHMEDABAD,
(33) Name of priority country	:NA	GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ABHISHEK GUPTA</b>
(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 ProPad comprising a flexible tubular sheath and a length of adhesive tape fixedly provided with projections on the non-adhesive side is disclosed. In use, the length of adhesive tape is wrapped around and adhered to an erectile penis before the flexible tubular sheath is worn over the penis and the projections. The projections, the hardness of which being modulated by the flexible tubular sheath, will stimulate and enhance sensuality during sexual intercourse.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3613/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN INTEGRATED SYSTEM FOR AUTOMATIC VOLTAGE REGULATION AND HEALTH MONITORING OF TRANSFORMERS USING SHARED MEMORY ARCHITECTURE.

(51) International classification	:G05F1/40	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CROMPTON GREAVES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR. ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)PASUMARTHI UMAMAHESH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PARDESHI SURAJ</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An integrated system for automatic voltage regulation and health monitoring of transformer using shared memory architecture, said system comprises: voltage transducer adapted to obtain voltage values; current transducer adapted to obtain current values; processor means adapted to receive said sensed voltage values and said sensed current values; shared memory means adapted to communicate with said processor means, for storing and communicating said sensed voltage values and said sensed current values in relation to time; hybrid interface comprising sensor input card, digital input card, digital output card, first communication means between said processor means and said sensor input card, second communication means between said sensor input card and said digital input card, third communication means between said digital input card and said digital output card, for achieving dual functions of automatic voltage regulation and health monitoring by using shared memory architecture with a hybrid interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3325/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTRAMEDULLARY INTER-FRAGMENTARY COMPRESSION DEVICE

(51) International classification	:A61B 19/00	(71) <b>Name of Applicant :</b> <b>1)RATHI RITESH ARJUNKUMAR</b>
(31) Priority Document No	:NA	Address of Applicant :16, BROOKLANDS WAY
(32) Priority Date	:NA	REDHILL, RHI 2BW SURREY U.K.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)RATHI RITESH ARJUNKUMAR</b>
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 disclosure discloses an intra-medullary inter-fragmentary compression device which is insertable into the medullary canal of a bone fractured along a longitudinal axis into a distal fragment and a proximal fragment. The intra-medullary inter-fragmentary compression device comprises a distal component and a proximal component (20). The distal component has an elongated connecting tube (14) having a bone engaging threads (16) at one end and a locking member (12) at the other end to slidably engage within a complementary hollow defined within the proximal component (20).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3329/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIPIDIC NANOPARTICLES BASED COMPOSITION AND METHOD OF FORMULATION AND USE THEREOF

(51) International classification	:A61K47/48; A61K9/127	(71)Name of Applicant : <b>1)VANDANA BHARAT PATRAVALE</b> Address of Applicant :C-15, DIVINE LIGHT CO- OPERATIVE HOUSING SOCIETY, 137/139, M.V. ROAD, ANDHERI (E), MUMBAI-400 093 Maharashtra India <b>2)PRATIKKUMAR ANILBHAI PATEL</b>
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)VANDANA BHARAT PATRAVALE</b>
(32) Priority Date	:NA	<b>2)PRATIKKUMAR ANILBHAI PATEL</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The oral solid dosage form of solid lipid nanoparticles (SLN). loaded with Amphotericin B having LD50 of atleast 200mg/kg in mice and process for making the same have been described. The method used for making present composition is a modified nanoprecipitation process. It essentially requires dissolving Amphotericin B in organic solvent and dispersing Amphotericin B solution, lipid and emulsifier in an aqueous phase. The process of present invention is simple, cost effective and gives a stable product suitable for oral administration. Amphotericin B SLN compositions prepared by the process of the present invention may be administered orally to human beings for the treatment of fungal infections and second line treatment of leishmaniasis with substantially equivalent or greater efficacy and low drug toxicity as compared to the conventional parenteral composition containing Amphotericin B and sodium desoxycholate.

No. of Pages : 13 No. of Claims : 25



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3638/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM FOR PROCESSING VISA APPLICATIONS

(51) International classification	:G06K 5/00	(71) <b>Name of Applicant :</b> <b>1)VFS GLOBAL SERVICES PVT. LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :9TH FLOOR, TOWER - A, URMI
(32) Priority Date	:NA	ESTATE, 95, GANPATRAO KADAM MARG, LOWER
(33) Name of priority country	:NA	PAREL(W), MUMBAI - 400013 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SOHRAB HANIF</b>
(87) International Publication No	:N/A	<b>2)SINGH ANIRUDH PRATAP</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for assisting a user in completing formalities associated with a predetermined procedure includes a token issuing terminal for receiving data from the user/applicant and issue a token corresponding to the data input and a kiosk equipped with an user interface for receiving, processing and verifying information, documents, token issued and user/applicant identifiers submitted at the kiosk. The kiosk further includes a reader, a non-repudiating module, an biometric finger print module which is NF1Q Compliant and supports NIST standard, ICAO compliant photo enrolment module, a data storage module, an alert module, an envelope dispenser, at least two printers, a drop box, a multimode payment module which accepts cash and dispenses change, an two way assistance module, a verification module and fraud detection module.

No. of Pages : 59 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3643/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DYNAMIC MULTI-DIMENSIONAL AND MULTI-VIEW PRICING SYSTEM

(51) International classification	:G06F 7/08	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MOHANTY, SANTOSH KUMAR</b>
(87) International Publication No	:N/A	<b>2)GHOSH, ARCHAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MAHENDRU, AYUSH</b>
Filing Date	:NA	<b>4)MEHTA, HIMANSHU</b>
(62) Divisional to Application Number	:NA	<b>5)N/A</b>
Filing Date	:NA	

(57) Abstract :

A system for dynamic computing a credible deal price for a deal is adapted to receive a first data set during initializing the deal parameters. The system comprising a plurality of stakeholders inputting their views as a second data set through a presentation layer module. A preliminary information processing module configured to process the first data set and a plurality of pricing models for determining an optimum deal price for the deal using the first & second data set and associated context related therewith. A pricing strategy module configured to process a one or more inputs of the second data set to determine a list price indicator, wherein a list price generator module configured to determine the credible deal price. A deal negotiation module optimizes the credible deal price commensurate with plurality of third data set dynamic associated in time, space and values therewith the deal.

No. of Pages : 59 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3315/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTERNETWORKING BETWEEN A NETWORK CAPABLE OF CARRYING VOICE OVER PACKET ACCESS AND A NETWORK NOT CAPABLE OF CARRYING VOICE OVER PACKET ACCESS

(51) International classification	:H04L12/66; H04L 29/00	(71) <b>Name of Applicant :</b> <b>1)SONUS NETWORK, INC.</b> Address of Applicant :7 TECHNOLOGY PARK DRIVE, WESTFORD, MASSACHUSETTS, 01866, U.S.A.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)ASHISH NAGAPAL</b>
(33) Name of priority country	:NA	<b>2)SHAMBHU DAYAL RAI</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems, methods, and computer program products for interworking messages between a first network capable of carrying voice calls over packet access according to a predetermined criterion and a second network not capable of carrying voice calls over packet access according to the predetermined criterion are disclosed. The location of the user device is determined based on messages received on a plurality of interfaces, and call processing is handled depending on the location of the user device in a first service area of the first network or a second service area of the second network.

No. of Pages : 36 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3650/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PACKAGING FOR LINEZOLID

(51) International classification	:C12N 1/21	(71)Name of Applicant : <b>1)Alembic Pharmaceuticals Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Alembic Research Centre Alembic
(32) Priority Date	:NA	Pharmaceuticals Limited Alembic Road Vadodara-390003
(33) Name of priority country	:NA	Gujarat India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)RAMAN Jayaraman Venkat</b>
(87) International Publication No	: NA	<b>2)BALAJI Sundara Kalyana</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KEDIA Jagdish</b>
Filing Date	:NA	<b>4)RATHOD Dhiraj</b>
(62) Divisional to Application Number	:NA	<b>5)VOHRA Irfan</b>
Filing Date	:NA	<b>6)GANDHI Ojas</b>

(57) Abstract :

The present invention relates to stable microcrystalline form of Linezolid, which is stable to micronization, and processes for preparation thereof. Further the present invention also relates to a multiple packing and vacuum sealed pack comprising Linezolid, or stable microcrystalline form of Linezolid and optionally Linezolid with pharmaceutically acceptable carrier or excipient.

No. of Pages : 33 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3653/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMPROVED AMINE BASED ADDITIVE COMPOSITION FOR CONTROL AND INHIBITION OF POLYMERIZATION OF AROMATIC VINYL MONOMERS, AND METHOD OF USE THEREOF

(51) International classification	:C07C 15/46	(71)Name of Applicant : <b>1)DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :DORF KETAL TOWER, D'MONTE
(32) Priority Date	:NA	STREET, ORLEM, MALAD (W) MUMBAI-400064,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUBRAMANIYAM, MAHESH</b>
(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 an improved amine based additive composition for control and inhibition of polymerization of aromatic vinyl monomers, particularly of styrene comprising one or more aromatic compounds, one or more nitroxide compounds and further comprising one or more aliphatic amines. In one embodiment, the present invention also relates to method of use of presently provided composition. In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers, particularly of styrene by employing presently provided composition. In still another embodiment, the present invention also relates to method of preparation of presently provided composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3654/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM TO MANAGE PATENTS IN AN ENTERPRISE

(51) International classification	:G06Q 10/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MOHANTY Santosh Kumar</b>
Filing Date	:NA	<b>2)SRIVASTAVA Akhilesh Chandra</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses systems and methods for managing patents in an enterprise. In one implementation, the method for patent management in the enterprise comprises defining an enterprise patent service set of a plurality of enterprise patent services, wherein the enterprise patent services set comprises portfolio service, process service, and program service, and defining an enterprise patent capability set of a plurality of enterprise patent capabilities, for delivering each of the enterprise patent services in the enterprise patent service set, wherein the enterprise patent capability set comprises promote, profit and protect. The method further comprises mapping each of the enterprise patent services in the enterprise patent service set with each of the enterprise patent capabilities in the enterprise patent capability set so as to generate an objective for each pair of enterprise patent service and enterprise patent capability.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3354/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A GENE SIGNATURE FOR MONITORING CANCER PATIENT ADMINISTER WITH A COMBINATION OF GEMCITABINE AND P1446A.

<p>(51) International classification :G01N 33/574 (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 :699/MUM/2008 Filed on :31/03/2008</p>	<p>(71)Name of Applicant : <b>1)PIRAMAL LIFE SCIENCES LTD</b> Address of Applicant :PIRAMAL TOWER, GANAPATRAO KADAM MARG, LOWER PAREL, MUMBAI- 400063, MAHARASHTRA, INDIA. (72)Name of Inventor : <b>1)PERIYASAMY GIRIDHARAN</b> <b>2)DEBARSHI CHAKRABARTI</b> <b>3)AMIT KHANNA</b> <b>4)URVI VED</b> <b>5)ASHA ALMEIDA</b> <b>6)SOMESH SHARMA</b> <b>7)MURALIDHARA PADIGARU</b> <b>8)ARUN BALAKRISHNAN</b></p>
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(57) Abstract :

Novel synergistic combination of gemcitabine with P276-00 or P1446A and their use in the treatment of cancer are disclosed. The invention further describes gene signatures comprising gene markers used to monitor the drug response in a subject treated with the said combinations.

No. of Pages : 45 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3355/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF FLUPIRTINE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:A61K 31/44	(71)Name of Applicant : <b>1)ARCH PHARMALABS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :H WING,4TH FLOOR, TEX
(32) Priority Date	:NA	CENTRE, OFF SAKI VIHAR ROAD, CHANDIVALI,
(33) Name of priority country	:NA	ANDHERI(EAST),MUMBAI-400 072,MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)JAGTAP VIKRAM SARJERAO</b>
(61) Patent of Addition to Application Number	:NA	<b>2)CHACHE RAVINDRA BABURAO</b>
Filing Date	:NA	<b>3)PATIL DAYAGHAN GANGADHAR</b>
(62) Divisional to Application Number	:NA	<b>4)RANBHAN KAMLESH JAYANTILAL</b>
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved process for the preparation of flupirtine (I) and its pharmaceutically acceptable salts, especially of flupirtine maleate (IA), and pure crystal modification. A of flupirtine maleate.

No. of Pages : 43 No. of Claims : 27



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3358/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : MULTIMODE MATRIX CONVERTER

(51) International classification	:H02J9/06; H02M 7/02	(71) <b>Name of Applicant :</b> <b>1)MOHITE, SANJAY BHAGWAN</b> Address of Applicant :SHIVSAGAR CITY PHASE I, ANAND NAGAR, SINHGAD ROAD, PUNE - 411 051, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)MOHITE, SANJAY BHAGWAN</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A converter for selectively converting input AC power supply to either one of AC and DC power includes a multiple matrix converter and a control system. The multiple matrix converter includes input and output nodes and a first pair and a second pair of bi-directional switches. The input node receives input AC power supply and the output node supplies either one of AC or DC power. The first pair of bi-directional switches is connected between input and output nodes for defining a first circuit and the second pair of bi-directional switches is connected between input and output nodes for defining a second circuit. The control system selectively configures switches of first and second pair of bi-directional switches between an operative and inoperative configuration to enable input AC power supplied thereto to flow through either of first and second circuits depending upon nature of half cycle of AC power supply.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A GREASE-PACKED BEARING RETAINING MECHANISM AND END SUCTION PUMPS, THEREOF.

(51) International classification	:F04B 53/00	(71)Name of Applicant : <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CROMPTON GREAVES LTD., CG
(32) Priority Date	:NA	HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI,
(33) Name of priority country	:NA	MUMBAI - 400 030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)INGLE VIJAY PANDURANG</b>
(87) International Publication No	:N/A	<b>2)SUSAR PANDHARI NAMDEO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A grease-packed bearing retaining mechanism for a shaft with a medial axial end and a lateral axial end with bearings at each of said ends, said mechanism comprising: medial retaining mechanism comprising a machined step on said shaft, at its medial end, which forms a shoulder on said shaft and a circlip adapted to be fitted such that it rests against said machined shoulder in a bearing housing such that said circlip prevents bearing axial sliding; and lateral retaining mechanism comprising a machined step on said shaft, at its lateral end, which forms a shoulder on said shaft and a cast step in a bearing housing which complements said machined step on the lateral side such that the steps fit together to arrest axial sliding of the bearing. An end suction pump comprising a grease-packed bearing retaining mechanism for a shaft with a medial axial end and a lateral axial end with bearings at each of said ends is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.374/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/02/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ANTI SNORING DEVICE

(51) International classification	:A61F5/56	(71) <b>Name of Applicant :</b> <b>1)AMEYA SUNIL PACHHADE</b> Address of Applicant :FLAT NO. 6, AKASHGANGA APARTMENTS, AIKYANAGAR, PIPELINE ROAD, AHMEDNAGAR 414 003, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	<b>2)LABESH VIJAYKUMAR LUNKAD</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)MR. AMEYA SUNIL PACHHADE</b>
(86) International Application No	:NA	<b>2)MR.LABHESH LUNKAD</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to this invention, there is provided an anti-snoring device which comprises an operative horizontal base arm a bulbous inwardly protruding member at the end of each of said arms, and magnets placed within each bulbous member to apply constant pressure against the spectrum of the nose and to generate specific magnetic field which stimulates local sensory nerves which helps reduce snoring.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3565/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR AIDING WELLNESS AMONG INDIVIDUALS IN A COMPETITIVE BUSINESS ENVIRONMENT

(51) International classification	:G06F11/30; G06F9/44	(71) <b>Name of Applicant :</b> <b>1)GLOBAL RURAL NETCO LTD.</b> Address of Applicant :GLOBAL VISION, ES-11, TTC INDUSTRIAL AREA, MIDC, MAHAPE, NAVI MUMBAI - 400 710, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)OMPRAKASH BRIJNATH SINGH</b>
(87) 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 :

Accordingly it is a principle object of the present invention to overcome the disadvantages and limitations of prior art methods and systems and provide a method and system for aiding wellness among individuals in a competitive business environment, in accordance with the principles of the present invention which will be a systematic, planned and holistic approach towards awareness on wellness for employees in an organization or any business environment. In addition to awareness, this system would assign accountability at individual, departmental and organizational level.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3566/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : Application of emergency light as an accessory in car/automobile.

(51) International classification	:F21L4/00; F21L4/02	(71) <b>Name of Applicant :</b> <b>1)Dhananjay</b> Address of Applicant :1-A Priti Cooperative Housing Society Near Balpande Flour Mill Somalwada Wardha Road Nagpur Maharashtra 440025. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Dhananjay Khangar</b>
(87) 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 :

Maintenance free emergence lamp (torch) for car/ automobiles, as (i) LED bulbs lasts for years. (ii) No battery recharging or replacement for emergency lamp. Supply taken from main battery. (iii) Rigid connecting switches give long life service. 2. It becomes the car accessory & hence human beings forgetfulness factor will not play a role when need arises. No need to give special attention for carrying a torch.

No. of Pages : 2 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3573/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PORTABLE FLUIDIZED MATERIAL PROCESSER.

(51) International classification	:B01J 8/24	(71) <b>Name of Applicant :</b> <b>1)MAHARASHTRA COSMOPOLITAN EDUCATION SOCIETY</b>
(31) Priority Document No	:NA	Address of Applicant :2390, K. B. HIDAYATULLAH
(32) Priority Date	:NA	ROAD AZAM CAMPUS, PUNE-411 001, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)THUBE RAHUL TUKARAM</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a portable fluidized material processor for processing the material for various operations such as drying, coating, and performing other specific processes on particle materials. The said material processor comprises a chamber having an hair dryer as heat source connected to the processing chamber wherein the material to be processed is placed, the said processing chamber being equipped with a spraying means with necessary devices for performing various operations as mentioned above. The processor provided is portable, user friendly and highly economical in investment and operational costs and thereby affordable to educational institutions which cannot afford conventional processors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3574/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MODULAR FLANGE-MOTOR MOUNTING JIG FOR TESTING MOTORS.

(51) International classification	:H02K 26/00	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CROMPTON GREAVES LTD., CG
(32) Priority Date	:NA	HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI,
(33) Name of priority country	:NA	MUMBAI-400 030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BHUJBAL EKNATH</b>
(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 modular flange-motor mounting jig for testing motors, said jig comprising: a first pair of parallel placed elongate rectangular plates, spaced apart from each other and a second pair of parallel placed elongate rectangular plates, spaced apart from each other, said second pair orthogonal to said first pair, in that, each of the first pair of parallel placed elongate rectangular plates is spaced apart from the other by each of the plates from the second pair of parallel placed elongate rectangular plates and vice versa, in that, the four elongate rectangular plates form the periphery of substantially rectangular assembly, with a central hollow region and wherein, said second pair of parallel placed elongate rectangular plates having their ends slide-able into and out of corresponding inner lateral end edges of said first pair of parallel placed elongate rectangular plates, thereby allowing change of width of said substantially rectangular assembly, with said central hollow region.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3375/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DATA PROCESSING

(51) International classification	:G05B 19/414	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)KADHE Swanand Ravindra</b>
Filing Date	:NA	<b>2)THASKANI Sandhya Sree</b>
(87) International Publication No	: NA	<b>3)CHANDRA MARISWAMY Girish</b>
(61) Patent of Addition to Application Number	:NA	<b>4)ADIGA Barkur Suryanarayana</b>
Filing Date	:NA	<b>5)PURUSHOTHAMAN Balamuralidhar</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method(s) for data processing over a network (106) is described herein. In said implementation, the method for data transmission includes, obtaining a data captured by a DPT device and generating a compressed data based on compressive sensing technique where the obtained data is compressively sampled to generate the compressed data. The method further includes encoding the compressed data based on real field codes encoding technique to generate an encoded data, where the encoded data is transmitted over a network.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.443/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MEDICINAL FUSIDIC ACID CREAM MADE USING SODIUM FUSIDATE AND INCORPORATING A BIOPOLYMER, A CORTICOSTEROID - FLUTICASONE PROPIONATE, AND AN ANTIFUNGAL AGENT- TERBINAFFINE HYDROCHLORIDE, AND A PROCESS TO MAKE IT

(51) International classification	:A61K47/10; A61K47/36;A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MR. SULUR,SUBRAMANIAM VANANGAMUDI</b>
(32) Priority Date	:NA	Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD,
(33) Name of priority country	:NA	INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU
(86) International Application No	:NA	STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)MR. SULUR,SUBRAMANIAM VANANGAMUDI</b>
(61) Patent of Addition to Application		<b>2)MR. SRINIVASAN,MADHAVAN</b>
Number	:NA	<b>3)MR. CHULLIEL,NEELAKANDAN NARAYANAN</b>
Filing Date	:NA	<b>4)MR. BALAKRISHNAN SELVARAJ</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The cream comprises Chitosan. Fluticasone Propionate, Terbinafine Hydrochloride and Fusidic acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Fluticasone Propionate & Terbinafine Hydrochloride in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 91 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.444/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MEDICINAL FUSIDIC ACID CREAM MADE USING SODIUM FUSIDATE AND INCORPORATING A BIOPOLYMER, A CORTICOSTEROID - HYDROCORTISONE ACETATE, AND AN ANTIFUNGAL AGENT- OXICONAZOLE NITRATE, AND A PROCESS TO MAKE IT

(51) International classification	:a61k 47/10/a61k 31/72; a61k 47/36	(71)Name of Applicant : <b>1)MR. SULUR, SUBRAMANIAM VANANGAMUDI</b> Address of Applicant :NO:29, VGP LAYOUT, 4TH ROAD, INJAMBAKKAM, CHENNAI-600 041, TAMIL NADU STATE, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)MR. SULUR, SUBRAMANIAM VANANGAMUDI</b>
(33) Name of priority country	:NA	<b>2)MR. SRINIVASAN, MADHAVAN</b>
(86) International Application No	:NA	<b>3)MR. CHULLIEL, NEELAKANDAN NARAYANAN</b>
Filing Date	:NA	<b>4)MR. KAUSIK GHOSH</b>
(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 is directed to a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The cream comprises Chitosan. Hydrocortisone acetate, Oxiconazole Nitrate and Fusidic acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Hydrocortisone acetate and Oxiconazole Nitrate in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 95 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3422/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : FILTER DEVICE WITH AN AXIALLY COUPLED MULTI-ELEMENT FILTER ASSEMBLY FOR SPACE CONSTRAINED INSTALLATIONS

(51) International classification	:B01D46/24; B01D35/30	(71) <b>Name of Applicant :</b> <b>1)MANN+HUMMEL GMBH</b> Address of Applicant :HINDENBURGSTRASSE 45, 71638 LUDWIGSBURG, GERMANY
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)ANIL KORI</b>
(33) Name of priority country	:NA	<b>2)ROHIT SURVE</b>
(86) International Application No	:NA	<b>3)PARAMESH GANGAPPA</b>
Filing Date	:NA	<b>4)SHASHIDHAR SHIVA</b>
(87) 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 filter device having a housing with a multi-element filter assembly is disclosed having at least two filter elements arranged axially. The filter elements are detachably interconnected sealably and supportively at abutting end faces to form a single filter element assembly when enclosed within the filter housing. The filter housing and filter elements have cooperating dimensions permitting the filter housing to be opened and services in space constrained installations by containing at least one of the filter elements in the filter housing cover permitting the cover to be removed in a direction traverse to the axis of elongation of the filter assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3422/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : HEAT EXCHANGER AND A METHOD THEREOF

(51) International classification	:F28F 21/00, F28F 3/00	(71) <b>Name of Applicant :</b> <b>1)BLUE STAR LIMITED</b> Address of Applicant :KASTURI BUILDINGS, MOHAN T. ADVANI CHOWK, JAMSHETJI TATA ROAD, MUMBAI-400 020, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)VIVEK KRISHNA GAWDE</b>
(33) Name of priority country	:NA	<b>2)RAHUL RAMTEKKAR</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an extruded heat exchanger. The heat exchanger comprises a shell, a plurality of tubes and end plates arranged to form a flow path for a fluid in the tubes wherein the tubes are connected longitudinally in a manner that at least one connecting element each between the tubes acts as longitudinal baffles defining a predetermined counter and/or cross flow path of a fluid in the shell across the tubes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3423/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ENABLING OR ACCESSING OR VIEWING COMPONENTS&NBSP; INVOLVING AN INPUT ASSEMBLY AND A SCREEN

(51) International classification	:G06F 3/00, G06F 3/02	(71)Name of Applicant : <b>1)KHEDKAR Vaibhav Narayan</b> Address of Applicant :Manjari A-2 near Gopalkrishna hall Deoali Tal-Pen Dist-Raigad MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)KHEDKAR Vaibhav Narayan</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods for enabling or accessing or viewing components through a graphical user interface, wherein the system comprises, a) an input assembly; b) a screen unit; and c) an electronic device; wherein the said input assembly comprises, i. a sensory component; ii. a data processing unit; and iii. a selection component; and wherein the said screen unit is connected to the said electronic device; and wherein the said input assembly is capable of throwing an outgoing signal towards the said screen unit in a manner to direct the said outgoing signal on the said screen unit; using the said selection component; and wherein on receiving the said outgoing signal, the said screen unit sends a secondary outgoing signal to the said electronic device; and wherein the said electronic device processes the said secondary outgoing signal and transfers a final outgoing signal to a graphical user interface enabled by the electronic device to generate a output.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3425/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD TO EXECUTE INSTRUCTIONS ON MOBILE DEVICES•

(51) International classification	:h04m 3/00; h04m 3/60	(71) <b>Name of Applicant :</b> <b>1)ASTUTE SYSTEMS TECHNOLOGY PVT LTD</b> Address of Applicant :Astute House 88 Jaora Compound Indore (M.P.)-452001 Madhya Pradesh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Vijay Jain</b>
(33) Name of priority country	:NA	<b>2)Jay Kumar Jain</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for executing instructions on a mobile device is provided. The method may involve the steps of dialing an alphanumeric code on the mobile device, transmitting the alphanumeric code to a server, requesting the server for an instruction corresponding to the alphanumeric code, receiving the instruction from the server, and executing the instruction on the mobile device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3447/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : TWO STAGE CARBURETOR

(51) International classification	:F02M13/00; F02M11/00	(71) <b>Name of Applicant :</b> <b>1)CARBUTECH JAPAN LTD.</b> Address of Applicant :KANAGAWA-KEN YOKOHAMA-SHI, ISOGO KU, MORI, 6-17-24, JAPAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)EDA MASATO</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a two stage carburetor (100) having a body (1) and a throttling arrangement. The body (1) includes a primary sliding throttle valve and a secondary sliding throttle valve which reciprocates by sliding within their respective bores. The movement of the secondary sliding throttle valve commences after the primary sliding throttle valve reaches a predetermined operative open position. The present invention enables in the reduction of the intake air flow resistance and the stagnation of fuel between the primary sliding throttle valve and the secondary sliding throttle valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3447/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED CLUTCH RELEASE BEARING.

(51) International classification	:F16D 23/14	(71) <b>Name of Applicant :</b> <b>1)DJR DELUX BEARINGS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :GATE NO. 183, VILLAGE-
(32) Priority Date	:NA	SANASWADI, TAL. SHIRUR, DISTRICT PUNE - 412 208,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KULKARNI, PRASAD BHAGWANRAO</b>
(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 :

Invention relates to a clutch release bearing for auto mobile vehicle. The said clutch release bearing comprises a hub 1 made of polyamide with at one end a cup shaped cover 5 and a pair of fork plate 6 below the said cover 5 diametrically opposite co-molded. A circular damping pad 10 sandwiched between pair of plain circular spacers 11 placed in the space between said hub and cover. A ball bearing, having balls 4 held in cage 7 between outer diameter of inner ring 2 and inner diameter of outer ring 3, mounted over the said damping pad 10 such that the said outer ring of said ball bearing mounted press fit in the said cover 5. The said inner ring 2 freely rotates over the said balls 4 of bearing, having a flange towards other end of said hub 1 with clearance between the said flange and hub edge. One or more annular grooves made on the inner diameter of the said inner ring 2. Pair of grease pocket 14 with shield cover 13 provided at the said one end of said hub diagonally opposite adjacent to the said fork plate 6. The sealing paste applied to the gap between the said inner diameter of the said inner ring 2 and outer diameter of the said hub 1.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3448/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL INTERMEDIATES OF RANOLAZINE AND PROCESSES FOR THEIR PREPARATION

(51) International classification	:C07D295/00; C07D295/15	(71) <b>Name of Applicant :</b> <b>1)UNICHEM LABORATORIES LIMITED</b> Address of Applicant :UNICHEM BHAVAN, PRABHAT ESTATE, OFF. S. V. ROAD, JOGESHWARI (W), MUMBAI - 400 102, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DR. AJIT MADHUKAR BHOBE</b>
(87) International Publication No	: NA	<b>2)DR. JAGANNATH BHAGAWANRAO LAMTURE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MR. AJAY DAYALJI CHAUHAN</b>
Filing Date	:NA	<b>4)DR. RAJESH WALAVALKAR</b>
(62) Divisional to Application Number	:NA	<b>5)MR. NILESH SUBHASH</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides processes for the preparation of novel intermediates of Ranolazine, such as [(2,6-dimethyl phenyl) amino carbonyl methyl]-4-carbethoxy piperazine of formula (IV), 1-[3-(2-Methoxy phenoxy)-2-hydroxy propyl]-4-carbethoxy piperazine of formula (VI) and the use of these novel intermediates in the synthesis of Ranolazine and its acid addition salts thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3449/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A TRACK VACANCY DETECTION SYSTEM FOR RAILWAYS.

(51) International classification	:B61L 1/14	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b> Address of Applicant :CROMPTON GREAVES LTD., CG HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NAMJOSHI YOGENDRA</b>
(87) International Publication No	:N/A	<b>2)TRIVEDI NEELABH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A track vacancy detection system for railways, wherein a track is divided into predefined segments or sections with far-end axle-counters and associated signaling and interlocking equipment deployed at either end of each of said segments, characterised in that, said system comprises: at least one enhancing telecommunication equipment adapted to be deployed, in conjunction with associated signaling and interlocking equipment, between a pair of said far-end axle-counters and associated signaling and interlocking equipment in order to communicably couple said far-end axle-counters and associated signaling and interlocking equipment, said deployment adapted to cover sliced sections of said pre-defined segment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3462/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED FRONT END STRUCTURE ASSEMBLY OF A VEHICLE

(51) International classification	:B62D25/08; B62D25/12	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, 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) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. VIJAY PACHORE &amp; MR. DNYANESHWAR MHASKAR</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved front end structure assembly of flat front vehicle comprises; a passenger compartment (1) with flat front end having integrated front end structure (2), front LH and RH doors (3), A pillars (4), firewall (5),, windshield bottom member (6) and floor longitudinal members (7), said front end structure (2) having a protective device (8) which includes plurality of vertical member (8.1) and horizontal member (8.2) facilitated in a way to constitute a cage like structure which distributes offset impact load to said A pillars, said firewall, windshield bottom member and said floor longitudinal members thereby minimizing the excessive inward displacement and/or deformation of said structural members and retaining survival space to the maximum possible extent to reduce the bodily injuries to the occupants of vehicle. The distribution of said offset impact load to the said A pillars, said firewall, said windshield bottom member (6) and the said floor longitudinal members (7) leads to the minimized displacements of the said structural members and the occupant space is retained to the maximum possible extent. The protective device (8) is simple in construction and cost effective.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3462/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL COMPOUNDS AS INHIBITORS OF RENIN

(51) International classification	:A61K31/453	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)CADILA HEALTHCARE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :ZYDUS TOWER,SATELLITE
(33) Name of priority country	:NA	CROSS ROAD,AHMEDABAD 380 015,GUJARAT,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)THOMBARE,PRAVIN, S.</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DESAI,JIGAR, N.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel renin inhibitors of general formula (1), novel intermediates involved in their synthesis, their pharmaceutically acceptable salts and pharmaceutical compositions containing them. The present invention also relates to processes for preparing compounds of general formula (1), their tautomeric forms, their pharmaceutically acceptable salts, pharmaceutical compositions containing them, and novel intermediates involved in their synthesis.

No. of Pages : 52 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3463/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF WATER SOLUBLE FERRIC CARBOHYDRATE COMPLEX.

(51) International classification	:C08B31/18	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CADILA HEALTHCARE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(33) Name of priority country	:NA	CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DHOLAKIA, PARIND, NARENDRABHAI</b>
(87) International Publication No	:N/A	<b>2)DAVE, MAYANK, GHANSHYAMBHAI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PANDEY, BIPIN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved process for the preparation of water soluble Ferric Carbohydrate complex, preferably Ferric caboxymaltose. The invention also relates to pharmaceutical compositions that include the Ferric carboxymaltose.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3464/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF PREPARING AGOMELATINE CRYSTALLINE FORM VI

(51) International classification	:C07C233/18; C07C231/24
(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

(71)**Name of Applicant :**  
**1)ENALTEC LABS PRIVATE LIMITED**  
Address of Applicant :17TH FLOOR, KESAR SOLITAIRE,  
PLOT NO.5 SECTOR - 19, SANPADA, NAVI MUMBAI  
400705 Maharashtra India  
(72)**Name of Inventor :**  
**1)SIVA KUMAR VENKATA BOBBA**  
**2)ALOK PRAMOD TRIPATHI**  
**3)SANJAY DASHRATH VAIDYA**  
**4)ESWARA RAO KODALI**  
**5)GIRISH BANSILAL PATEL**

(57) Abstract :

A process of preparing crystalline Form VI of agomelatine comprises crystallizing agomelatine in water or a mixture of water and N, N!-dimethylformamide solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3465/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ENEGRY EFFICIENT SYSTEM (E2S) FOR ELECTROMAGNECTIC RADIATION (ER).

(51) International classification	:G06F 9/46	(71) <b>Name of Applicant :</b> <b>1)PRATIP PATEL</b> Address of Applicant :PO BOX 25, IN PARA OPP. AMBAJI TEMPLE PO: CHIKHODRA, PIN - 388 320, DIST: ANAND, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)YAGNESH SHUKLA</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)PRATIP PATEL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)YAGNESH SHUKLA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the field of lighting systems i.e. to tube lights which provides a digital chock for operating one or more tube lights and other tube load circuit such as a soft heating circuit and the filament of such a tube are (pre) heated prior to the ignition and mainly the Logic behind the invention is to provide a technique for avoidance of overheating through soft heating circuit results in to a long age to the tube lights. As in recent era, to remove the obstacle and common problem of diffusion of the light control module of a tube light and also short age of tube light and the present innovation of a soft heating circuit in the form of digital chock have attracted special interest for electric applications. Hence the innovation has been developed for consumer durability of home use tube lights as well as industrial use high voltage tube lights. This invention deals with novel type of digital light control module as soft heating circuit which save power and energy and avoid material loss.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3431/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR PLASMA OXIDATION OF A SUBSTRATE AND AN APPARATUS THEREFOR

(51) International classification	:H01J 37/32, H01L 21/316	(71)Name of Applicant : <b>1)INSTITUTE FOR PLASMA RESEARCH</b> Address of Applicant :A-10/B, SECTOR-25, GIDC ELECTRONICS ESTATE, GANDHINAGAR - 382 044, Gujarat India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)JAMNAPARA, NIRAV I.</b>
(33) Name of priority country	:NA	<b>2)GUPTA, SURYAKANT B.</b>
(86) International Application No	:NA	<b>3)MUKHERJEE, S.</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for plasma oxidation of a substrate is disclosed. The process comprises providing the substrate on a holding fixture and cleaning the substrate by electrically biasing the substrate and the holding fixture for a first predetermined time period in an argon environment. The process further comprises providing an oxidizing gas at base pressure around the substrate and electrically biasing the substrate and the holding fixture to a voltage of about 100 to about 800 volts having frequency ranging from about 10 to about 50 kilo Hertz (kHz) and a duty cycle ranging from about 10 to about 60%. Further, the process comprises heating the electrically biased substrate, for a second predetermined time duration, to a temperature ranging from about 300° C to about 1000° C to form the protective oxide layer on the substrate. Also disclosed is an apparatus for plasma oxidation of substrate implementing the process.

No. of Pages : 26 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3435/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ALUMINUM REFLECTORS FOR SOLAR COLLECTORS.

(51) International classification	:C22C 21/00, F24J 2/00	(71) <b>Name of Applicant :</b> <b>1)ADITYA BIRLA SCIENCE &amp; TECHNOLOGY COMPANY LIMITED</b> Address of Applicant :ADITYA BIRLA CENTER, 2ND FLOOR, 'C' WING, S.K.AHIRE MARG, WORLI, MUMBAI - 400 025, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SRIVASTAVA, VIVEK</b>
Filing Date	:NA	<b>2)ADHIKARI, SAIKAT</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for enhancing the reflectivity of an aluminum element having an initial reflectivity below 75 percent includes cleaning the element with a first cleaning agent, drying the cleaned element, reducing roughness of at least one surface of the dried element by electro-polishing or chemical polishing, cleaning the at least one surface of the element with a second cleaning agent and drying the element to obtain an element having at least one surface having final reflectivity greater than 80 percent.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3441/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SODIUM OCTABORATE TETRAHYDRATE PRESERVATIVE SYSTEM

(51) International classification

:b27k  
3/52

(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)Malaysian Rubber Board**

Address of Applicant :Bangunan Getah Asli (Menara) 148  
Jalan Ampang 50450 Kuala Lumpur MALAYSIA.

(72)Name of Inventor :

**1)Vivaygananathan KATHIRESON**

**2)Dr. Amir Hashim MD. YATIM**

(57) Abstract :

The present invention relates to a sodium octaborate tetrahydrate preservative system. The preservative system is for natural rubber latex, and it contains ammonia or ethanolamine in a range of between 0.05 to 0.5% by weight of latex and sodium octaborate tetrahydrate in a range of between 0.05 to 0.5% by weight.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3442/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : MODIFIED RELEASE COMPOSITION OF MAGNESIUM VALPROATE.

(51) International classification	:A61K 31/19, A61P 25/00	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :SARKHEJ-BAVLA N.H. NO.8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)ROY SUNILENDU BHUSHAN</b>
(33) Name of priority country	:NA	<b>2)KOTHARI JAY SHANTILAL</b>
(86) International Application No	:NA	<b>3)CHAWLA MANISH</b>
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 novel modified release pharmaceutical composition comprising therapeutically effective amounts of magnesium valproate and/or its pharmaceutically acceptable solvates or mixtures thereof and at least one rate controlling polymer. Rate controlling polymer is either hydrophilic or hydrophobic in nature. Mixture of the rate controlling material or more is also used to provide formulations of the present invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.496/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/08/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTRICAL OPERATING MECHANISM FOR MOLDED CASE CIRCUIT BREAKER USING TWO PLUNGERS.

(51) International classification	:H01H71/02; H01H83/12	(71)Name of Applicant : <b>1)LARSEN &amp; TOUBRO LIMITED.</b>
(31) Priority Document No	:NA	Address of Applicant :L & T HOUSE,BALLARD ESTATE, MUMBAI,400 001, STATE OF MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	<b>1)SATHICK, JAHABAR, A</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved electrical operating mechanism for use in moulded case circuit breaker for enhancing the performance of long stroke solenoid by reducing flux leakage to minimum thereby improving the efficiency of the operating mechanism, said mechanism comprising housing (12); plural core members in said housing which includes ON core member and OFF core member; plural solenoid core means (7); movable plunger assembly operatively located between said core members, said plunger assembly comprising center plunger means (4) and main plunger means (3); wherein said main plunger means (3) and center plunger means (4) being collinearly aligned by means of plural guiding means such that center plunger means reduces air-gap in between center limb of core members (1) and said center plunger; said guiding means being further adapted to move said plunger means; plurality of spring means (13&18) adapted to store energy and is operatively biased with said main plunger means (3) and said solenoid core means (6) ; knob means (5) operatively engaged with said plunger means such that movement of the plunger means correspondingly moves the knob means; wherein said spring means provide energy during initial movement of the plunger thereby reducing the energy from the solenoid and wherein at a substantially middle position of travel of said knob means force produce by said spring means (13&18) tends to zero and the knob (5) is further moved to its final position by means of force produce by the solenoid means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3501/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CAVITATED PROPYLENE POLYMER FILM THROUGH TUBULAR QUENCH ROUTE

(51) International classification	:C08F10/06	(71)Name of Applicant : <b>1)RELIANCE INDUSTRIES LIMITED</b> Address of Applicant :3RD FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)MATHUR AJIT</b>
Filing Date	:NA	<b>2)CHOUDHARY MANJEET</b>
(87) International Publication No	:N/A	<b>3)KUMAR AJAY</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KUMAR PRAKASH</b>
Filing Date	:NA	<b>5)RAO G S SRINIVASA</b>
(62) Divisional to Application Number	:NA	<b>6)DONGRE TUSHAR</b>
Filing Date	:NA	<b>7)AHMAD ZUBAIR</b>
		<b>8)BASARGEKAR RAJEEV</b>

(57) Abstract :

In the present invention, a single step process for the preparation of micro-voided polypropylene film is provided wherein the crystallization of the polypropylene melt containing sufficient quantity of the beta-nucleating to obtain the beta-crystallite form of polypropylene and its stretching in molten or semi-molten state to transform the beta-crystallite form of polypropylene to alpha-crystallite form to obtain a micro-voided polypropylene film is carried out concurrently. The concurrent crystallization and stretching of the extruded tubular film is carried out under pre-set processing parameters including melt temperature, gap between die to cooling ring, cooling water temperature, extrudate tubular film temperature, bubble to die diameter ratio, extrudate output ratio and nip-roll speed. The thin and micro-voided propylene film of the present invention is characterized by pore-size of the voids present on the surface of the film ranging between 5 µm to 100µm, pore size of the voids present in the core of the film ranging between 0.15 micron to 0.80 micron, film thickness of 0.02 to 0.055 mm and density within the range from 0.5225 g/cc to 0.8490 g/cc.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3502/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A USER SPECIFIC PLAN GENERATION METHOD AND SYSTEM

(51) International classification	:G06F 9/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BHOWMICK, PIABAN KUMAR</b>
(87) International Publication No	:N/A	<b>2)MUKHERJEE, DEBNATH</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MISRA PRATEEP</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention envisages a personalized plan generation system and a method that satisfies maximum user preferences and constraints; besides including a number of enabling features like of plan repair or revision with dynamically changing situations or contextual information. Moreover, the system is able to perform a collaborative planning by opinion mining in social networks to achieve better optimization. Significantly, the explanation for the selection of plan steps or a change in plan altogether can be expressed in natural language.

No. of Pages : 48 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3503/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : GENERIC DEVICE ATTRIBUTES FOR SENSING DEVICES

(51) International classification	:G01N 27/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BANDYOPADHYAY, SOMA</b>
(87) International Publication No	:N/A	<b>2)BHATTACHARYYA, ABHIJAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SENGUPTA, MUNMUN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system is provided for optimizing time and complexity during an interoperation of at least two smart sensing device's operating in a heterogeneous environment, each device is configured to predetermined characteristics for a heterogeneous environment with a dynamic degree of prioritization in interoperation. The said method and system is adapted for creation of generic device attributes for smart sensing devices by an edge gateway system during the device discovery phase and at the same time performing semantic analysis on the content of the attributes to optimize the device interoperation mechanism in any smart environment.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3504/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MOUNTING STRUCTURE ASSEMBLY FOR STORAGE TANK IN VEHICLES

(51) International classification	:B60P3/22; B60K15/073	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, 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) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VIVEK DWIVEDI</b>
(87) International Publication No	: NA	<b>2)MUKESH KR. JHA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SACHIN H. KADU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with the present invention, a mounting structure assembly for storage tank in vehicles comprises; a pair of L-shape plate members (16), a pair of reinforcement members (17) of L-shape are mounted on the long member of vehicle, said plate members (16) are having a tubular member (18) provided for supporting the said storage tank from both the sides, said each tubular members (18) having a side shield member (19) provided to cover the said storage tank from both the sides, a pair of doser unit mounting member (20) are provided for mounting doser unit, a base plate (21) provided at bottom of structure for supporting the said storage tank from bottom, a back support member (22) provided to support the said storage tank from back side, said back support member (22) is having a screwing location for providing a strap assembly (23) for locating and clamping the said storage tank assembly with the strap rubber, a rubber washer (24) provided on said tubular member (18).The complete storage tank assembly mounted on mounting structure assembly(25) which is securely mounted on the long member (26) near of exhaust system(27) of vehicle.

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



(54) Title of the invention : MICROWAVE ENHANCED SYNTHESIS OF 4-TERTBUTYLCALIX[N]ARENES HAVING PHENYL SUBSTITUENT/ SUBSTITUTED PHENYL ON METHYLENE BRIDGES IN PRESENCE OF A BASE.

(51) International classification	:C07C37/20; C07D313/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. M.M.V RAMANA</b>
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, KALINA CAMPUS
(33) Name of priority country	:NA	VIDYANAGARI, SANTACRUZ (EAST), MUMBAI: 400098.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	<b>2)M.S. RAJE</b>
(87) International Publication No	: NA	<b>3)SHRIMANT V. RATHOD</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DR. M.M.V RAMANA</b>
(62) Divisional to Application Number	:NA	<b>2)M.S. RAJE</b>
Filing Date	:NA	<b>3)SHRIMANT V. RATHOD</b>

## (57) Abstract :

The present invention relates to a novel process for preparing 2,8,14,20,26,32,38,44 octa phenyl -5,11,17,23,29, 35, 41, 8,14,20,26,32,47 - octa-tert butyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene f XXXI ); 2,hexa(4-cNoro)phenyl-5,11,17,23,29, 35 -hexa-tertbutyl-37,38,39,40,41,42-hexahydroxycalix[6]arene (XXXII); 2,8,14,20,26,32- hexa(3-chloro)phenyl-5,11,17,23,29, 35 -hexa-tertbutyl-37,38,39,40,41,42- hexahydroxycalix[6]arene (XXXIII); 2,8,14,20,26,32,38,44,50- nona (4-bromo) phenyl- 5,11,17,23,29,35,41,47,53- nona-tertbutyl- 55,56,57,58,59,60,61, 62, 63-nonahydroxycalix [9] arene ( XXXIV); 2,8,14,20,26,32,38,44- octa (4-fluoro) phenyl -5,11,17,23,29,35,41,47- octa-tertbutyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene (XXXV):- 2,8,14,20,26,32,38,44,50,56-deca (4-nitro) phenyl-5, 11,17,23,29,35,41,47,53,59-deca- tertbutyl-61,62,63,64, 65,66,67, 68, 69,70- decahydroxycalix [10] arene (XXXVI); 2,8,14,20,26,32,38,44,50,56,- deca (3-nitro) phenyl-5, 11,17,23,29,35,41,47,53,59-deca- tertbutyl- 61,62,63,64, 65,66,67, 68, 69,70- decahydroxycalix [10] arene ( XXXVII); 2,8,14,20,26,32,38,44,50,56,- deca (2-nitro) phenyl- 5,11,17,23,29,35,41,47,53,59-deca- tertbutyl- 61,62,63,64,65,66, 67, 68, 69,70- decahydroxycalix [10] arene (XXXVIII); 2,8,14,20,26,32,38,44,50,56-deca (4-cyano) phenyl- 5,11,17,23,29,35,41,47,53,59-deca- tertbutyl-61,62,63,64, 65,66,67, 68, 69,70- decahydroxycalix [10] arene ( XXXIX); 2,8,14,20,26,32,38,44- octa (4-methoxy) phenyl -5,11,17,23,29,35,41,47- octa-tertbutyl 49,50,51,52, 53, 54, 55,56- octahydroxycalix [8]arene (XL); 2,8,14,20,26,32,38,44- octa (3- methoxy)phenyl- 5,11,17,23,29,35,41,47- octa-tertbutyl 49,50,51,52,53, 54,55,56- octahydroxycalix [8]arene (XLI); 2,8,14,20,26,32,hexa(3,4-dimethoxy)phenyl- 5,11,17,23,29, 35 -hexa-tertbutyl-37,38,39,40,41,42-hexahydroxycalix[6]arene (XLII); 2,8,14,20- tetra (3,4,5,- trimethoxy) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28-tetrahydroxycalix [4] arene (XLIII); 2,8,14,20- tetra (2,4,6- trimethoxy) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28- tetrahydroxycalix [4] arene ( XLIV):- 2,8,14,20- tetra (4-dimethylamino) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28- tetrahydroxycalix [4] arene ( XLV ) in presence of a solvent and a base under microwave irradiation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3472/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NUT SHELLING MACHINE.

(51) International classification	:A23N 5/00	(71) <b>Name of Applicant :</b> <b>1)KHEDKAR PRAKASH</b>
(31) Priority Document No	:NA	Address of Applicant :167, SATYABHAMA, RUIKAR
(32) Priority Date	:NA	COLONY, KOLHAPUR, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)KHEDKAR PRAKASH</b>
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 automatic de-shelling machine includes a hopper, an orienting section, a shelling section and a push blade. The hopper receives the nuts and directs the nuts to the orienting section, from where the nuts passed to the shelling section. The orienting section includes a first jaw assembly, at least one first resilient element and the shelling section includes a second jaw assembly and at least one second resilient element. The first and second resilient elements are disposed between and connect the jaws of the first and second jaw assembly respectively. The first and second jaw assembly are having jaws disposed opposite to each other and moving relative to each other to cause uniform, symmetrical expansion and contraction of space defined between the jaws, such that a center plane of the nut held between the jaws is always maintained in co-planar relation with respect to plane of symmetry of the jaws.

No. of Pages : 43 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3530/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : QUANTUM LOGIC CONTROLLER FOR CONTROLLING PRE-DEFINED LIGHTING EQUIPMENT IN A DEFINED ENVIRONMENT.

(51) International classification	:G05B 13/02	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b> Address of Applicant :CROMPTON GREAVES LTD., CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MAHAJAN TRUPTI YASHWANT</b>
(87) International Publication No	:N/A	<b>2)GAWALI NILESH PUNDLIK</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A quantum logic controller system for controlling pre-defined lighting equipment in a defined environment, containing a plurality of lighting equipment, said controller comprises: zone defining means adapted to define said defined environment in terms of placement of illuminating articles in said defined environment; illuminating article defining means adapted to define a plurality of illuminating articles in terms of its operating parameters; and controller adapted to receive inputs from said zone defining means and inputs from said illuminating article defining means and further adapted to rationalize (equalize) each of said inputs, using pre-defined mathematical models, on a common platform to provide differential control outputs for each of said illuminating articles in order to provide uniform luminance in said defined zone irrespective of make or manufacturer of each of said illuminating articles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3531/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN RTD MOUNTING EQUIPMENT

(51) International classification

:H05K  
7/20

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CROMPTON GREAVES LIMITED**

Address of Applicant :CROMPTON GREAVES LTD., CG  
HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI,  
MUMBAI-400 030, MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)WADBUDE SAHEBRAO**

(57) Abstract :

An RTD mounting equipment adapted to house a RTD and further adapted to be fitted on a core assembly, said equipment comprising a cylindrical body with an inner annular recess at its operative top portion, thereby providing a step and an inner cylindrical concentric body, such that a flanged upper cylindrical body of a bulb-type RTD rests against said step of said cylindrical body, thereby allowing for appropriate placement of said RTD in said RTD mounting equipment. There is also a core assembly having integral ribs, radially located, exterior to said core assembly, said ribs fitted with the RTD mounting equipment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3532/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL METHOD OF INOCULATION FOR LADDLE

(51) International classification	:C04B 35/05	(71) <b>Name of Applicant :</b> <b>1)R. R. RUKDIKAR</b>
(31) Priority Document No	:NA	Address of Applicant :LAXMIGANGA RESIDENCY,
(32) Priority Date	:NA	A2/209, NEAR SUNCITY, ANAND NAGAR, PUNE-411 051,
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)R. R. RUKDIKAR</b>
(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 :

Novel method of inoculating for laddle by detection of metal in laddle spout.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3534/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : FILTER DEVICE WITH AN AXIALLY COUPLED MULTI-ELEMENT FILTER ASSEMBLY FOR SPACE CONSTRAINED INSTALLATIONS

(51) International classification	:B08B 5/04	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MANN+HUMMEL GMBH</b>
(32) Priority Date	:NA	Address of Applicant :HINDENBURGSTRASSE 45, 71638
(33) Name of priority country	:NA	LUDWIGSBURG, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ANIL KORI</b>
(87) International Publication No	:N/A	<b>2)ROHIT SURVE</b>
(61) Patent of Addition to Application Number	:3422/MUM/2010	<b>3)PARAMESH GANGAPPA</b>
Filed on	:15/12/2010	<b>4)SHASHIDHAR SHIVA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A filter device having a housing with a multi-element filter assembly is disclosed having at least two Filter elements arranged axially. The filter elements are detachably interconnected sealably and supportively at abutting end faces to form a single filter element assembly when enclosed within the filter housing. The filter housing and filter elements have cooperating dimensions permitting the filter housing to be opened and services in space constrained installations by containing at least one of the filter elements in the filter housing cover permitting the cover to be removed in a direction traverse to the axis of elongation of the filter assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3538/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : OBTAINING DATA IN AN ERROR CONTROL PROCESS

(51) International classification	:H04L 1/00	(71) <b>Name of Applicant :</b> <b>1)RENESAS MOBILE CORPORATION</b>
(31) Priority Document No	:NA	Address of Applicant :6-2, OTEMACHI 2-CHOME,
(32) Priority Date	:NA	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)BHATTACHARYA, KAUSHIK</b>
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 :

Obtaining data in an error control process is disclosed. In a method, a first signalling message indicating a transmission in a sequence of transmissions each of which transmission includes first data is obtained. The indicated transmission is then obtained. After a successful reception of the first data, a transmission time of a second signalling message is determined. The second signalling message indicates a sequence of transmissions of second data.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3656/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : TGR5 AGONIST IN THE TREATMENT OF DIABETES AND OBESITY

(51) International classification	:C07D 401/04	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(32) Priority Date	:NA	CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)AGARWAL, SAMEER</b>
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 compounds of the general Formula I their pharmaceutically acceptable salts, pharmaceutically acceptable solvates, enantiomers, diastereomers, prodrugs, their N-oxide, metabolites, polymorphs, use of these compounds in medicine and the intermediates involved in their preparation.

No. of Pages : 42 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3657/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : INVENTION RELATING TO HYGIENIC AND LESS NOISE SPLIT AIR COOLER

(51) International classification	:F24F 3/044	(71) <b>Name of Applicant :</b> <b>1)ACHAL ANIL BAKERI</b>
(31) Priority Document No	:NA	Address of Applicant :415, BODEKDEV, AHMEDABAD-
(32) Priority Date	:NA	380 054 Gujarat India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ACHAL ANIL BAKERI</b>
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 invention relating to Split Air Cooler consisting of Indoor Unit and Out Door Unit.

No. of Pages : 17 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3659/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A FAIL SAFE MODULAR AND PLUGGABLE SYSTEM AND METHOD FOR CONDITION MONITORING OF EQUIPMENT.

(51) International classification	:A61B 5/00	(71)Name of Applicant : <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, DR.ANNIE BESANT
(32) Priority Date	:NA	ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PARDESHI SURAJ</b>
(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 fail safe modular and pluggable system for condition monitoring of an equipment, said system comprising a hybrid interface comprising a master processor means along with a plurality of slave interface cards communicably coupled to the master processor means, said communicable coupling enabled by a first communication means between said master processor and a first slave interface card, and further communication means between each successive slave interface card with a preceding slave interface card.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3661/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SAFE AND ARM EXPLOSIVE TRAIN

(51) International classification	:F42C 1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:210260	<b>1)RAFAEL ADVANCED DEFENSE SYSTEMS LTD.</b>
	(IL)	Address of Applicant :P.O.Box 2250 Haifa 31021 Israel
(32) Priority Date	:26/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Israel	<b>1)Shai Rahimi</b>
(86) International Application No	:NA	<b>2)Evgenia Golda Fradkin</b>
Filing Date	:NA	<b>3)Shefer Melzer</b>
(87) International Publication No	: NA	<b>4)Tali Nachmias</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a Safe-and-Arm system intended for the prevention of unintentional operation of an explosive device by interrupting a detonation train. This prevention is achieved by employing an interruptive transfer assembly made of silicon suitable for implementing in a MEMS device. The assembly includes a silicon based transfer charge carrier on a porous explosive passageway is made by etching. The passageway extends between at least two ports on the circumference of the transfer assembly. A drive means can mechanically bringing about at least one armed state of a detonation train.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3662/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF PURE BOSENTAN

(51) International classification	:C07D 403/04	(71) <b>Name of Applicant :</b> <b>1)INDOCO REMEDIES LIMITED</b> Address of Applicant :INDOCO HOUSE, 166 C.S.T. ROAD, SANTACRUZ(EAST), MUMBAI-400 098, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAJADHYAKSHA, MANGESH NARAYAN</b>
(87) International Publication No	:N/A	<b>2)NAIR, RANJEET</b>
(61) Patent of Addition to Application Number	:NA	<b>3)JADHAV, VIDYADHAR KASHINATH</b>
Filing Date	:NA	<b>4)P V RAMESAN</b>
(62) Divisional to Application Number	:NA	<b>5)PANANDIKAR, ADITI MILIND</b>
Filing Date	:NA	

(57) Abstract :

The invention discloses an efficient process for purification of crude Bosentan of Formula I which selectively removes the bis-sulfonamide (Formula III) impurity to less than 0.05% to undetectable limit and deshydroxyethyl bosentan (Formula IV) impurity to less than 0.1% to obtain substantially pure compound Bosentan of Formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3664/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYNTHESIS OF RALTEGRAVIR

(51) International classification

:C07D  
413/12

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)EMCURE PHARMACEUTICALS LIMITED**

Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C.,  
BHOSARI, PUNE-411026, MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)GURJAR MUKUND KESHAV**

**2)SONAWANE SWAPNIL PANDITRAO**

**3)MAIKAP GOLAKCHANDRA SUDHARSHAN**

**4)PATIL GULABRAO DAGADU**

**5)SHINDE SHIVNATH BHAUPATIL**

**6)PATIL PANKAJ SHALIKRAO**

**7)MEHTA SAMIT SATISH**

(57) Abstract :

The present invention relates to a novel synthetic route for the preparation of raltegravir and pharmaceutically acceptable salts, starting from 2-amino-2-methylpropanenitrile and oxadiazole carbonyl chloride, through the formation of a pyrimidinone intermediate of formula (V).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.618/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : DUST COLLECTOR FOR CONCRETE MIXING STATION AND CONCRETE MIXING SYSTEM WITH DUST COLLECTOR.

(51) International classification	:B28C 5/08, B08B 15/04	(71)Name of Applicant :
(31) Priority Document No	:200920310304.2	<b>1)HUNAN SANY INTELLIGENT CONTROL EQUIPMENT CO., LTD.</b>
(32) Priority Date	:14/09/2009	Address of Applicant :SANY INDUSTRY TOWN,
(33) Name of priority country	:China	ECONOMIC AND TECHNOLOGICAL DEVELOPMENT
(86) International Application No	:PCT/CN2010/074194	ZONE CHANGSHA, HUNAN 410100, CHINA
Filing Date	:22/06/2010	<b>2)SANY HEAVY INDUSTRY CO., LTD.</b>
(87) International Publication No	:WO/2011/029329	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)ZHONG AIJUAN</b>
Filing Date	:NA	<b>2)WANG YANHENG</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dust collector for a concrete mixing station comprises a framework (1) set on the mixing station and a dust collector (2) which covers the framework (1) and can expand and shrink along with the change of pressure in a mixing mainbody (4). A mixing system provided with the dust collector comprises the mixing station and the dust collector fixed to the mixing station by a connector. The dust collector has simple and compact structure, low energy consumption and low cost, and can balance positive and negative pressure in the mixing system effectively. The mixing system provided with the dust collector has the functions of automatic dust collecting and automatic pressure adjusting.

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

(54) Title of the invention : MICROWAVE ASSISTED SYNTHESIS OF 4-TERTBUTYLCALIX[N]ARENES HAVING PHENYL SUBSTITUENTS ON METHYLENE BRIDGES IN PRESENCE OF ALUMINA SUPPORTED KF UNDER SOLVENT FREE CONDITIONS.

(51) International classification	:C07C235/32; C07D213/30	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. M.M.V RAMANA</b>
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, KALINA CAMPUS
(33) Name of priority country	:NA	VIDYANAGARI, SANTACRUZ (EAST), MUMBAI: 400098.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	<b>2)M.S. RAJE</b>
(87) International Publication No	: NA	<b>3)SHRIMANT V. RATHOD</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DR. M.M.V RAMANA</b>
(62) Divisional to Application Number	:NA	<b>2)M.S. RAJE</b>
Filing Date	:NA	<b>3)SHRIMANT V. RATHOD</b>

## (57) Abstract :

The present invention relates to a novel process for preparing 2,8,14,20,26,32,38,44- octa phenyl - 5,11,17,23,29,35,41,47- octa-tert butyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene (XXXI); 2,8,14,20,26,32-hexa(4-chloro)phenyl-5,11,17,23,29, 35 -hexa-tertbutyl 1-37,38,39,40,41,42- hexahydroxycalix[6]arene ( XXXII ); 2,8,14,20,26,32-hexa(3-chloro)phenyl-5,11,17,23,29, 35 -hexa- tertbutyl-37,38,39,40,41,42-hexahydroxycalix[6]arene ( XXXIII ); 2,8,14,20,26,32,38,44,50- nona (4- bromo) phenyl-5,11,17,23,29,35,41,47,53- nona-tertbutyl- 55,56,57,58,59,60,61, 62, 63- nonahydroxycalix [9] arene ( XXXIV ); 2,8,14,20,26,32,38,44- octa (4-fluoro) phenyl - 5,11 17,23,29,35,41,47- octa-tertbutyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene ( XXXV ); 2,8,14,20,26,32,38,44,50,56-deca (4-nitro) phenyl-5,11,17,23,29,35,41,47,53,59-deca-tertbutyl-61,62,63,64,65,66,67, 68, 69,70- decahydroxycalix [10] arene ( XXXVI); 2,8,14,20,26,32,38,44,50,56,-deca (3-nitro) phenyl-5,11,17,23,29,35, 41,47,53,59-deca-tertbutyl- 61,62,63,64,65,66, 67, 68, 69,70-decahydroxycalix [10] arene (XXXVII ); 2,8,14,20,26,32,38,44,50,56,- deca (2-nitro) phenyl-5,11,17,23,29,35,41,47,53,59-deca-tertbutyl- 61,62,63,64,65,66, 67, 68, 69,70- decahydroxycalix [10] arene (XXXVIO ); 2, 8, 14, 20,26,32,38,44,50,56-deca (4-cyano) phenyl-5,11,17,23,29,35,41,47,53,59-deca-tertbutyl-61,62,63,64,65,66,67, 68, 69,70- decahydroxycalix [10] arene (XXXIX); 2,8,14,20,26,32,38,44- octa (4-methoxy) phenyl -5,11,17,23,29,35,41,47- octa-tertbutyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene ( XL); 2,8,14,20,26,32,38,44- octa (3-methoxy) phenyl -5,11 17,23,29,35,41,47- octa-tertbutyl 49,50,51,52,53,54,55,56- octahydroxycalix [8]arene (XLI ); 2,8,14,20,26,32-hexa(3,4-dimethoxy)phenyl-5,11,17,23,29,35,-trimethoxy) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28- tetrahydroxycalix [4] arene (XL, 35 -hexa-tertbutyl-37,38,39,40,41,42-hexahydroxycalix[6]arene (XLII); 2,8,14,20- tetra (3,4,III); 2,8,14,20- tetra (2,4,6,- trimethoxy) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28- tetrahydroxycalix [4] arene (XLIV):- 2,8,14,20- tetra (4-dimethylamino) phenyl - 5,11,17,23 tetra-tertbutyl 25,26,27,28- tetrahydroxycalix [4] arene (XLV) in presence of alumina supported KF under microwave irradiation and solvent free conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3475/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : SANITARY APPARATUS FOR INTESTINAL CLEANSING

(51) International classification	:a61m 9/00; a61m 3/02	(71) <b>Name of Applicant :</b> <b>1)INIZIATIVA CENTRO SUD S.R.L.</b> Address of Applicant :Via delle Repubbliche Marinare 124/128 I 80147 NAPOLI Italy.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SODO Diego</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sanitary apparatus for intestinal cleansing to be attached to a water faucet (R), comprises a faucet filter (2), a quick coupling (3) connectable to the faucet filter (2) and containing a pressure-relief device. A spiral hose (4) connects the pressure-relief device to a series of devices situated in a rectilinear tube section (16), the series of devices including a temperature control device (5), a flow regulator (6), a metering device (7), a check valve (13) and a rectal nozzle (14) in an end section of the sanitary apparatus. Said end section comprises a semirigid tube (9, 12) sustained by a fixing removable support (10) including a base plate (19) provided with at least a sucker (21) in its lower part, and with U bolt-shaped members (24) clamping the semirigid tube (9, 12) in its upper part.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3405/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PUNCH THROUGH PREVENTION DURING PRELOADING OF OFFSHORE JACK UP RIG IN 80M WATER DEPTH BY BREAKING HARD SEA-BED OVERLYING SOFT CLAY

(51) International classification

:E02B  
17/00

(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)OIL AND NATURAL GAS CORPORATION LTD.**

Address of Applicant :INSTITUTE OF ENGINEERING  
AND OCEAN TECHNOLOGY, ONGC COMPLEX, PHASE-  
II,PANVEL-410221, NAVI MUMBAI, 410221 Maharashtra  
India

(72)Name of Inventor :

**1)MR. JAGANNATH TIKARAM MAHAVAR**

(57) Abstract :

The invention relates to a method of breaking hard crust of soil formation at sea bed in any offshore location in water depth up to 80 meters below chart datum overlaying soft clay by pre-driving legs of a Offshore, Houston 4 leg design class jack up rig equipped with hydraulic jacking system.

No. of Pages : 15 No. of Claims : 3

(54) Title of the invention : A BATTERY MODULE

(51) International classification :H01M2/24 (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 :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 : <b>1)MILJØBIL GRENLAND AS</b> Address of Applicant :HERØYA INDUSTRIPARK, BYGG 114, POSTBOKS 1023,N-3905 PORSGRUNN, NORWAY; NORWEGIAN Norway (72)Name of Inventor : <b>1)PER ØYVIND DAMMEN</b> <b>2)EGIL ENGEN</b> <b>3)KJETIL JOHANSEN</b> <b>4)STALE PEDERSON,</b> <b>5)JAMIE SAUNDERS</b> <b>6)AKHILESH KUMAR SRIVASTAVA</b> <b>7)ROMAN STOIBER</b> <b>8)LARS OLE VALØEN,</b> <b>9)SVERRE WIK ØBERG</b> <b>10)</b>
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(57) Abstract :

A battery module is provided with plurality of battery cells, each having cell tabs for connecting and sourcing the power supplied to and from the cell tabs. The cell tabs are arranged into a first set and a second set of battery cells. A plurality of busbars acting as connecting members are provided for connecting the cell tabs of the battery cells. The battery cells in each set are connected in series and the battery cells of one set are spaced apart by arranging the battery cells of other set in-between. A plate substrate with a plurality of elements for the battery management is disposed above the battery cells. This arrangement makes possible that electrically connected cell tabs are not assembled adjacent to another, and the assembly incorporates one electrically connected cell tab in-between the other electrically connected cell tabs. This improved arrangement provides advantages in terms of increased safety against propagation, redundant power sourcing, volumetric packaging efficiency, electrical properties and manufacturability.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3409/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PERFORMANCE TESTING REQUIREMENT CHECKLIST

(51) International classification	:B29C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SATENDER Rajat</b>
(87) International Publication No	: NA	<b>2)CHANDRASEGARAN Priya Lakshmi</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods generating a performance testing requirement checklist are provided. The system comprises a processor and a memory coupled to the processor. The memory comprises a checklist generator (118) configured to generate the performance testing requirement checklist for gathering performance testing requirements. The performance testing requirement checklist comprises a set of questions associated with at least one performance testing phase. The at least one performance testing phase is selected from a pre-engagement phase, a requirement phase, a planning phase, a script design phase, a test readiness phase, a test execution phase, a reporting phase, and a sign off phase.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.341/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/02/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CHEMICALLY DEPOSITED NANOCRYSTALLINE ZnFe<sub>2</sub>O<sub>4</sub> THIN FILMS FOR SUPERCAPACITIVE APPLICATION

(51) International classification	:C25D9/08; C25D5/50,	(71) <b>Name of Applicant :</b> <b>1)PROF. CHANDRAKANT DNYANDEV LOKHANDE</b> Address of Applicant :THIN FILM PHYSICS LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR, 416 004. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PROF. CHANDRAKANT DNYANDEV LOKHANDE</b>
(87) International Publication No	: NA	<b>2)MR. VINAYAK SHIVAJIRAO JAMADADE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MR. AJAY DATTU JAGADALE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In present investigation, the nanocrystalline ZnFe<sub>2</sub>O<sub>4</sub> thin films have been prepared by chemical deposition method on to low cost stainless steel substrates. These films were used for supercapacitor application. The spinel structure of nanocrystalline ZnFe<sub>2</sub>O<sub>4</sub> thin film confirmed by X-ray diffraction analysis. Scanning electron micrographs (SEM) showed formation of hexagonal flakes like structure of ZnFe<sub>2</sub>O<sub>4</sub> film. ZnFe<sub>2</sub>O<sub>4</sub> thin film tested in 1 M Na<sub>2</sub>SO<sub>3</sub> electrolyte showed maximum specific capacitance of 334 Fg<sup>-1</sup> at the scan rate 100 mVs<sup>-1</sup>. Nanocrystalline ZnFe<sub>2</sub>O<sub>4</sub> thin film showed 65 % cyclic stability after 5000th cycles in 1 M Na<sub>2</sub>SO<sub>3</sub> electrolyte at the scan rate 100 mV s<sup>-1</sup>.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3387/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : IDENTIFICATION OF PLANTS WITH INSULIN-LIKE PEPTIDES

(51) International classification	:C12Q 1/68	(71)Name of Applicant : <b>1)DR. KULKARNI ANJALI ABHAY</b>
(31) Priority Document No	:NA	Address of Applicant :FLAT NO. 201, DISHA APT.,
(32) Priority Date	:NA	MAYUR COLONY, PLOT NO.25, DHAMANKAR PATH,
(33) Name of priority country	:NA	KOTHRUD, PUNE 411 038. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DR. KULKARNI ANJALI ABHAY</b>
(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 :

Novel non toxic bioactive phytochemical composition derived from selected genera of Costus spp. (Family: Zingiberaceae) and Sauropus spp. (Family- Euphorbiaceae) intended to constitute an insulin substitute is disclosed along with method of preparation, formulation and application thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3388/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROGRAM FLOW CONTROL MONITORING ROUTINES, RELATED METHODS AND SYSTEMS

(51) International classification	:G01F1/34	(71) <b>Name of Applicant :</b> <b>1)EMERSON ELECTRIC COMPANY</b>
(31) Priority Document No	:NA	Address of Applicant :8000 WEST FLORISSANT
(32) Priority Date	:NA	AVENUE ST. LOUIS,MISSOURI 63136, U.S.A.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DALAL MEHUL</b>
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 disclosure relates to program flow control monitoring routines. In one embodiment, a process control apparatus is provided with a plurality of modules associated with control and/or monitoring of a given plant. Program flow control monitoring routines are provided to monitor the various modules.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3389/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : POROUS FIBRES AND PROCESS FOR PREPARING THE SAME

(51) International classification	:D01F 1/08
(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	:N/A
(61) Patent of Addition to Application Number	:2071/MUM/2011
Filed on	:20/07/2011
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)RELIANCE INDUSTRIES LIMITED**

Address of Applicant :3RD FLOOR,MAKER CHAMBER - IV,222,NARIMAN POINT,MUMBAI 400 021, MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)SREEKUMAR THALIYIL VEEDU**

**2)ANIL KRISHNA KELKAR**

**3)BHAWNA BANWARI**

**4)PRASAD SURESH UPASANI**

**5)UDAY SHANKAR AGARWAL**

(57) Abstract :

The present invention relates to a porous synthetic fiber/yarn derived from a polyester/co-polyester, said polyester/co-polyester comprising repeating units derived from isophthalic acid, wherein the diameter of the pores in the fiber is about 50 nm to about 700 nm. The present invention also provides a process for the preparation of porous synthetic fiber/yarn.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.728/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/03/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A FREE-STANDING POST\*

(51) International classification	:A63B61/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 51862	<b>1)DECATHLON</b>
(32) Priority Date	:16/03/2010	Address of Applicant :4 BOULEVARD DE MONS 59650
(33) Name of priority country	:France	VILLENEUVE D <sup>TM</sup> ASCQ FRANCE
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Yoann SIMON</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a free-standing post (1) comprising stabilizer means (2) for stabilizing it on the ground, a non-rigid element (3) for holding an article (17), which element extends upwards over a height H and has a bottom portion (3a) extended by a top portion (3b). First anchor means (4a, 4b, 4c, 13a, 13b, 13c) are arranged between the stabilizer means (2) and the bottom portion (3a). In addition, a flexible longitudinal element (5) is of length greater than the height H of the non-rigid element (3). Second anchor means (6) are arranged between the bottom end (7) of the flexible longitudinal element (5) and the stabilizer means (2). Third anchor means (8) are arranged between the top end of the flexible longitudinal element and the top end of the top portion (3b) of said non-rigid element. The invention also relates to a sport game set equipped with at least one such free-standing post.

No. of Pages : 30 No. of Claims : 26



(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :17/03/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOMATIC GENERATION 3D MODELS FROM PACKAGED GOODS PRODUCT IMAGES•

(51) International classification	:G06T17/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/763,307	<b>1)DASSAULT SYSTEMS</b>
(32) Priority Date	:20/04/2010	Address of Applicant :10 rue Marcel Dassault 78140
(33) Name of priority country	:U.S.A.	Velizy Villacoublay Cedex France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HALSTEAD Rodd M.</b>
(87) 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 computer-implemented method and apparatus of 3D modeling accesses product data of a consumer good product. The product data includes 2D image data of the subject consumer good product and shape information of the subject consumer good product. An extractor extracts the shape information from the product data, including a 3D shape class of the subject consumer good product, and derives a detailed 3D shape graph. The detailed 3D shape graph represents an orthographically correct 3D outline shape of the subject consumer good product. As a function of the determined 3D shape class, a mesh generator generates a 3D mesh of the subject consumer good product from the detailed 3D shape graph. An image mapper projects images onto the 3D mesh, the images being of the subject consumer good product and from the 2D image data. A 3D model of the subject consumer good product results and is configured for interactive display on web pages and in other user-interactive environments.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3582/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A CONFIGURABLE CATALOG BUILDER SYSTEM

(51) International classification	:g06f 17/30; g06f 7/00	(71) <b>Name of Applicant :</b> <b>1)Tata Consultancy Services Limited</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai - 400021 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Ashok Kumar Ganesan</b>
(33) Name of priority country	:NA	<b>2)Ruby Felicia Noel</b>
(86) International Application No	:NA	<b>3)Adarsh Kumar Jhunhunwala</b>
Filing Date	:NA	<b>4)Lokesh Sikharam</b>
(87) International Publication No	: NA	<b>5)Prabhu Arumugham</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A catalog builder is disclosed. This invention relates to data management systems, and more particularly to catalog creation mechanisms in data management systems. Present day data management systems employ catalog builder tools. However, the catalog builders cannot be configured as per the requirements of the users. Further, there are no mechanism to configure custom catalogs and associated metadata. The disclosed catalog builder may be employed to configure an online central repository on the fly and build a catalog. The catalog builder is equipped with a central repository. Further, catalog builder is also provided with advanced search features and analytical capabilities in order to search for the data specified by the user and fetch the data from the central repository. The catalog builder is also provided with clustering and segmentation capabilities in order to slice and dice the data as per the user requirements.

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3585/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A HIGH SURFACE AREA SILICON DERIVATIVES FREE MAGNESIUM-TITANIUM CATALYST SYSTEM FOR ETHYLENE POLYMERIZATION AND PROCESS OF PREPARATION THEREOF

(51) International classification	:C08F 4/00	(71)Name of Applicant : <b>1)RELIANCE INDUSTRIES LIMITED</b> Address of Applicant :3RD FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, MUMBAI-400 021, 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	<b>1)PATIL, HARSHAD, RAMDAS</b>
(87) International Publication No	:N/A	<b>2)GUPTA, VIRENDRAKUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KOTHARI, AJAY VINODLAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A High Surface Area Silicon derivative Free Magnesium-Titanium Catalyst System for Ethylene Polymerization and Process of Preparation Thereof The present invention relates to a high surface area silicon derivative free magnesium-titanium catalyst system for ethylene polymerization comprising: magnesium mixed alkoxide and titanium chloride. The present invention also provides a simple process for the preparation of high surface area silicon derivative free magnesium-titanium catalyst system for ethylene polymerization by reacting magnesium alkoxide precursor with titanium compound using dialkyl dialkoxo silane as external donor. The invention further relates to the process for ethylene polymerization using the silicon derivative free magnesium-titanium catalyst system and polyethylene produced by the catalyst system having narrow molecular weight distribution and higher bulk density.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3590/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR AN OPTIMAL CHOICE OF CHANNELS AND PROGRAM FOR USER

(51) International classification	:G01R 33/54	(71)Name of Applicant : <b>1)WHATS ON INDIA MEDIA PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :A WING, 3RD FLOOR, TODI
(32) Priority Date	:NA	ESTATE, SUN MILL COMPOUND, OPP. PHOENIX MILLS,
(33) Name of priority country	:NA	LOWER PAREL, MUMBAI 400013, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)ATUL PHADNIS</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Accordingly it is a principle object of the present invention to overcome the disadvantages and limitations of prior art methods and systems and provide a method and system for channel and program selection in accordance to the user's choices and preference constituted in accordance with the principles of the present invention wherein the system will carry associative functions of the method for predicting channels and programs in accordance to the user's choices and preference. It is yet another object of the present invention to predict channels and programs for the user which is in accordance to the user's choices and preference based on TV Viewing behavior of the user across multiple platforms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.784/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : POWER SAVING FOR HOT PLUG DETECT•

(51) International classification	:G06F 1/32, H04N 5/775
(31) Priority Document No	:12/575,498
(32) Priority Date	:08/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051863
Filing Date	:07/10/2010
(87) International Publication No	:WO/2011/044388
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)QUALCOMM INCORPORATED**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor :

**1)ZHONG Cheng**

**2)DANG Nam V.**

**3)VUONG Hung Q.**

**4)KONG Xiaohua**

(57) Abstract :

Power saving for hot plug detect (HPD) is disclosed. In a particular embodiment a method includes detecting at a source device that is connectable to a sink device a connection of the source device to the sink device via a connector. The source device includes a DC voltage source and the connection is detected without consuming power from the DC voltage source.

No. of Pages : 34 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3450/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE FOR DOSING CHEMICALS

(51) International classification

:F02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)TATA CONSULTANCY SERVICES LIMITED**

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

(72)Name of Inventor :

**1)AHMAD, DILSHAD**

**2)PATIL, RAJSHREE**

**3)KAUSLEY, SHANKAR**

(57) Abstract :

A dosing device (104) for dosing of chemicals in liquids is described. The dosing device (104) includes a valve unit (116) configured to control the flow of liquid entering the dosing device (104). The liquid from the valve unit (116) may be received by the liquid collection unit (120). The liquid collection unit (120) may be in fluid communication with the dosing unit (118). The dosing unit (118) includes a diffuser (222) to facilitate dosing of the chemical in the liquid flowing through the liquid collection unit (120).

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3451/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A TOOL AND METHOD FOR LIFTING ARMATURE ALONG WITH SHAFT OF A MOTOR

(51) International classification

:H01R  
39/14

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CROMPTON GREAVES LIMITED**

Address of Applicant :CG HOUSE,6th FLOOR,DR. ANNIE  
BESANT ROAD,WORLI, MUMBAI 400 030,  
MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)KADBANE MANIK DINKAR**

**2)DHAMNE KARBHARI GANPAT**

(57) Abstract :

A tool for lifting armature along with shaft of a motor, said tool being a pressing plate, characterised in that, said pressing plate includes an axial hole adapted to slide on the external threading of said shaft. A method for lifting armature along with shaft of a motor is also provided.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3452/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR GREASING BEARING ASSEMBLIES

(51) International classification :F16C43/04  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No :N/A  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)CROMPTON GREAVES LIMITED**  
Address of Applicant :CG HOUSE, 6TH FLOOR,  
DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030,  
MAHARASHTRA, INDIA.  
(72)**Name of Inventor :**  
**1)NADKARNI ROHAN**

(57) Abstract :

An apparatus for greasing bearing assemblies, said apparatus comprises: at least one cylindrical housing adapted to support a stack of bearings, said cylindrical housing including a top cover having a plurality of equi-angularly distributed holes, said holed being conduits for grease flow so that aid stack of bearings, above, can be greased and said cylindrical housing having inlet means at its operative bottom side; a rod co-axial with each of said cylindrical housings, said rod having its diameter matching inner diameters of each of said bearings from said stack of bearings; a locking clamp adapted to be screwed on to the rod such that is keeps the bearings in place; and grease pump, pneumatically operated, connected to the inlet means of each of the cylindrical housings in order to facilitate flow of grease through said holes of said housing and to said stack of bearings, above.

No. of Pages : 21 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3453/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : STRAW REAPER WITH RECTANGULAR CONTAINER CIAE-RATTAN STRAW COMBINE HARVESTER

(51) International classification

:A01D57/22

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INDIAN COUNCIL OF AGRICULTURAL  
RESEARCH- CENTRAL INSTITUTE OF  
AGRICULTURAL ENGINEERING**

Address of Applicant :NABIBAGH, BERASIA ROAD,  
BHOPAL-462038 Madhya Pradesh India

(72)Name of Inventor :

**1)DR. RAM NAYAN SINGH YADAV**

**2)SHRI HARBANS SINGH**

(57) Abstract :

A tractor operated trailed type straw reaper with rectangular container CIAE-Rattan Straw Combine was designed and developed jointly by Dr.RNS Yadav,Principal Scientist CIAE Bhopal and Shri Harbans Singh, M/s.Rattan Agra Industries, Moga, Punjab. The machine is operated by 35hp or above tractor. It harvests the wheat plant stalk above 8 cm .from the ground level, left in the wheat field after combining, gathers the other harvested, shattered ear heads, un cut plants, pushes them in the threshing/ bruising drum and concave, makes fine quality straw,separates grains getting collected in the trsy, blows straw in the trolley through two blower pipes opening in the trolley as part of trolley. After filling of trolley with straw operation of the machine is stopped. Then after the straw is transported to the place of storage for unloading or unloaded in the field. Thus the work of harvesting and threshing, loading and unloading is done simultaneously. While in the other system additional tractor and trailer is required to collect the straw. It also creates the problems of maneuverability in addition to increased initial cost of the system. Fig. Straw combine (straw reaper with rectangular container over it) Test results of the developed machine assessed at CIAE farm and also at the farmers' fields in relation to existing machine in terms of maneuverability, output capacity and overall advantages were observed superior. The straw combine machine designed and developed had following advantages over the existing straw reaper, tractor and trailer system in terms of improved maneuverability of the machine - reduced turning radius by 4m, easy operation in smaller fields, simple in operation, maintenance, adjustments of the system, haulage in narrow lanes, less fatigue to the machine operator, easy in loading and unloading of the straw, consumption of fuel 5.6 l/h with the developed system against 5.8 l/h in conventional system (saving of 0.200 to 0.300 l/h) as compared to existing system, output capacity of the machine 730 kg/h with the developed system against 600 kg/h in conventional system (saving of 130 kg/h), lesser weight of the machine system by 1000 kg, reduced initial cost requirement by Rs.4 lakhs. Thus the designed and developed CIAE-Rattan Straw Combine is a unique design of its kind and serves the farming community better as compared to the existing straw reaper, tractor and trailer system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3425/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR TRITERPENE WITH ANTI-CANCER AND ANALGESIC ACTIVITY FROM EUPHORBIA NERIIFOLIA.

(51) International classification	:A61K31/00
(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)BIGONIYA, PAPIYA**  
Address of Applicant :6/2B, SAKET NAGAR, AREA  
HABIBGANJ, BHOPAL-24, MADHYA PRADESH, INDIA  
(72)**Name of Inventor :**  
**1)BIGONIYA, PAPIYA**

(57) Abstract :

Discloses herein is a process for extraction of enriched fractions of triterpene from Euphorbia neriifolia comprising at least one compound selected from Euphol, Nerifoliene and Cycloartenol, useful as analgesic and anti-cancer agent. Also disclosed herein the herbal pharmaceutical composition containing enriched fractions of triterpene from Euphorbia neriifolia comprising at least one compound selected from Euphol, Nerifoliene and Cycloartenol, useful as analgesic and in the treatment of cancer.

No. of Pages : 36 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3426/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DISPLAYING ADVERTISEMENT ON MOBILE DEVICES•

(51) International classification	:h04m 1/00; h04m 1/18	(71) <b>Name of Applicant :</b> <b>1)ASTUTE SYSTEMS TECHNOLOGY PVT LTD</b> Address of Applicant :Astute House 88 Jaora Compound Indore 452001 Madhya Pradesh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Vijay Jain</b>
(33) Name of priority country	:NA	<b>2)Jay Kumar Jain</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for delivering advertisement to mobile devices and presenting advertisement on mobile devices are disclosed. Also disclosed are techniques by which a network operator can track user involvement with the advertisement and the network operator can offer subsidy for network usage based on the user involvement with the advertisement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3429/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATIC GENRE IDENTIFICATION AND CLASSIFICATION

(51) International classification	:G06F 17/00, G06F 17/21	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)CHATOPADHYAY TANUSHYAM</b>
(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 :

An automated method for classifying a video frame into different genre based on the statistical analysis of different text rich video frames. The method of the present invention applies a statistical method to classify the genre based on the text in the video frame.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.630/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : NOVEL COMPOSITION COMPRISING PARACETAMOL AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K31/167
(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)TROIKAA PHARMACEUTICALS LIMITED**  
Address of Applicant :COMMERCE HOUSE-1, SATYA MARG,BODAKDEV, AHMEDABAD-380054, GUJARAT, INDIA.  
(72)**Name of Inventor :**  
**1)PATEL,KETAN R**  
**2)PATEL,MILAN R**  
**3)SHAH,PRAKASHCHANDRA J**

(57) Abstract :

Disclosed herein are injectable compositions containing high concentration of paracetamol or its pharmaceutically acceptable salts wherein the concentration of paracetamol or its pharmaceutically acceptable salt is >150mg/ml in a judiciously tailored solvent system comprising glycofurol, ethanol, water or a solvent system comprising glycofurol, ethanol, polyethylene glycol, water. The viscosity of the said injectables is <28 cps. Further disclosed is the process for preparing the said injectables. The injectables can be administered by intramuscular route, intravenous route or as intravenous infusion after diluting in one of the routinely used intravenous fluids, infusion solutions of antibacterial, antifungal and amoebicidal drugs and along with anxiolytics (Midazolam injection ) or narcotic analgesics (Fentanyl Citrate injection etc) as they remain stable, clear and transparent atleast for 6 hours after dilution.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.848/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SOLAR COLLECTOR•

(51) International classification :E06B 3/663  
(31) Priority Document No :0957411  
(32) Priority Date :22/10/2009  
(33) Name of priority country :France  
(86) International Application No :PCT/FR2010/052220  
Filing Date :19/10/2010  
(87) International Publication No :WO/2011/048320  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)SAINT-GOBAIN GLASS FRANCE**  
Address of Applicant :18 Avenue d'Alsace F-92400  
Courbevoie France  
(72)**Name of Inventor :**  
**1)SELLIER Julien**  
**2)GY Ren**

(57) Abstract :

The invention relates to a solar collector, comprising: - a glass sheet (1) provided with a fired metal frit (3); - a metal frame (2) or another glass sheet (1) provided with a fired metal frit (3) and a metal frame (8); - a brazed seal (4) between the metal frit or frits (3) and the metal frame (2, 8); - an absorber (5) and pipes (6) in which a heat-transfer fluid (7) circulates, the pipes (6) being in contact with the absorber (5), and the absorber (5) and the pipes (7) being placed between the glass sheet (1) and the metal frame (2) or between the two glass sheets (1). The invention provides a solar collector which is compact and simple and improves solar radiation transmission.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3507/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CHANNEL ESTIMATION IN A WIRELESS NETWORK

(51) International classification	:H04L27/00; H04L27/04	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LTD.</b> Address of Applicant :NIRMAL BUILDIN, 9th FLOOR, NARIMAN POINT, MUMBAI-400 021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MADHUGIRI DWARAKINATH, GOVARDHAN</b>
(87) 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 :

Methods and systems for identification of hybrid automatic repeat request (HARQ) information to estimate transmission channel response are described herein. A first reference signal carried on a slot of a sub-frame of a transmission channel is regenerated at a base station (110) by a regeneration module (125) of a system (120). The first reference signal is regenerated based on regeneration parameters. Based on the regenerated first reference signal, an identification module (130) determines a probabilistic second reference signal corresponding to a second reference signal carried on the slot. Further, the identification module (130) identifies the HARQ information carried on the slot based on the probabilistic second reference signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3507/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CARD ISSUING SYSTEM AND METHOD&NBSP; AND CARD MANAGING SYSTEM AND METHOD•

(51) International classification	:G06K17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SHINHAN CARD Inc.</b>
(32) Priority Date	:NA	Address of Applicant :Post-Tower 21 1-Ga Chungmu-Ro
(33) Name of priority country	:NA	Jung-Gu Seoul 100-709 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Kim Jung Soo</b>
(87) 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 card issuing system and method, and a card managing system and method are provided. The card issuing method may include receiving card issuance request information used to request an issuance of a card, the card enabling a local transaction to be processed as a local card-based transaction, despite being issued based on a brand card numbering scheme, determining a unique number, and a serial number, in response to the card issuance request information, the unique number and the serial number being assigned to the card by a brand company, generating a discrimination code using the unique number, the discrimination code being used to distinguish the card so that the local transaction on the card is processed as the local card-based transaction, determining a check number of the card by substituting the unique number, the serial number, and the discrimination code into a check number computation expression, determining a card number of the card by combining the unique number, the serial number, the discrimination code, and the check number, generating track 2 data, the track 2 data including the card number, and identifier (ID) information of a member company associated with the card, and issuing the card where the track 2 data is recorded.

No. of Pages : 40 No. of Claims : 16



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3513/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PUSH PULL AXIAL FEED MECHANISM

(51) International classification	:B23Q5/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)LARSEN &amp; TOUBRO LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(33) Name of priority country	:NA	L&T HOUSE, BALLARD ESTATE, MUMBAI-400001,
(86) International Application No	:NA	MAHARASHTRA STATE, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)AMITH MASADE</b>
(61) Patent of Addition to Application Number	:NA	<b>2)BALACHANDRAN R.</b>
Filing Date	:NA	<b>3)MAHESH VERMA</b>
(62) Divisional to Application Number	:NA	<b>4)MURTUZA KUNDAWALA</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a push-pull axial feed mechanism for orienting and positioning of an inspection tool. The mechanism includes inspection tool housing capable of accommodating an inspection tool therein. The inspection tool is connected to a cable for transferring signals from the inspection tool to a processing station. The mechanism further includes an axial feed telescopic assembly coupled to the inspection tool housing and a chain capable of actuating an inspection tool and the axial feed telescopic assembly. The chain allows the cable to pass therethrough. Furthermore, the mechanism includes a screw actuator for pushing and retracting the chain and a cable handling assembly capable of receiving the cable from the axial feed screw actuator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3515/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NOVEL WATER POWER BATTERY

(51) International classification	:H01M 6/00	(71)Name of Applicant : <b>1)DR. VASANI RUPESH PARMANAND</b> Address of Applicant :07, ADITRAJ BUNGLOWS, NEAR NANDANVAN-5, B/H KALATIRTH APARTMENT, PRERNATIRTH DERASAR ROAD, JODHPUR, AHMEDABAD-380015, GUJARAT, INDIA.
(31) Priority Document No	:NA	<b>2)SHAH PARIN KAMALKUMAR</b>
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	<b>1)DR. VASANI RUPESH PARMANAND</b>
(86) International Application No	:NA	<b>2)SHAH PARIN KAMALKUMAR</b>
Filing Date	:NA	<b>3)DR. AKSHAI AGGARWAL</b>
(87) International Publication No	:N/A	<b>4)DR. ALKA MANISH BANKER</b>
(61) Patent of Addition to Application Number	:NA	<b>5)SHAH NEEL DIPAK</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention water powered battery consists with copper and zinc strip as electros wherein the copper strip is behaves as positive terminal and zinc strip is behaves as negative terminal. Simple water or distill water is filled into the container for chemical reaction.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3466/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : RULE CONFIGURATION

(51) International classification	:G06F13/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GUPTA, DEVESH</b>
(87) International Publication No	:N/A	<b>2)AGARWAL, RAHUL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a method for configuring rules in software tools. In one implementation, the operation of a software tool having configurable rules comprises receiving a query from a computing device and identifying at least one rule parameter associated with the query based on at least one pre-defined rule template. The method further comprises retrieving an active rule based on the at least one query parameter; and ascertaining an inference to be sent as a response to the query based in part on the at least one active rule.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3467/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SOLAR CELL HAVING THREE DIMENSIONAL JUNCTIONS AND A METHOD OF FORMING THE SAME

(51) International classification	:H01L31/042	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY</b>
(32) Priority Date	:NA	Address of Applicant :POWAI, MUMBAI 400 076,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PROF SOLANKI CHETAN SINGH</b>
(87) International Publication No	: NA	<b>2)MONDAL SOM</b>
(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 forming a solar cell 100 having three dimensional junctions 116 created between a conductive substrate 102 having a first conductivity and a conductive layer 120 having an opposite second conductivity comprising the steps of applying the conductive layer 120 on a top surface 104 of the conductive substrate 102, exposing selective portions of the conductive layer 102 to laser radiations 124 having a wavelength ranging upto 10.6 urn. Due to this laser application, the conductive layer 102 diffuses across a thickness of the conductive substrate 102 in the form of a plurality of channels 126. The plurality of channels 126 being formed in spaced apart relationship with each other. Thereafter, metal contacts are thermosetted on a bottom surface 114 of the conductive substrate 102 for electrically connecting exposed ends 136 of the plurality of channels 126

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3469/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : MICROWAVE ASSISTED SYNTHESIS OF 4-ALKYLCALIX[N]ARENES IN PRESENCE OF BASE.

(51) International classification	:C07C39/00; C07C37/52	(71) <b>Name of Applicant :</b> <b>1)DR. M.M.V. RAMANA</b> Address of Applicant :DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, KALINA CAMPUS VIDYANAGARI, SANTACRUZ (EAST), MUMBAI 400098 Maharashtra India
(31) Priority Document No	:NA	<b>2)M. S. RAJE</b>
(32) Priority Date	:NA	<b>3)SHRIMANT V. RATHOD</b>
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DR. M.M.V RAMANA</b>
Filing Date	:NA	<b>2)M.S. RAJE</b>
(87) International Publication No	: NA	<b>3)SHRIMANT V. RATHOD</b>
(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 process for preparing preparing p- tertbutylcalix[8]arene(XXIV), p-methylcalix[4]arene(XXV), p-phenylcalix[4]arene (XXVI), p. benzylcalix[4]arene (XXVII), p-cumylcalix [4] arene (XXVIII), p-methoxy calix[4]arene(XXIX) and p-carbomethoxy calix[4]arene(XXX) in presence of base under microwave irradiation,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/03/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS FOR MAKING POWDER FROM SLURRY

(51) International classification	:B65D 81/38; A47J41/02	(71)Name of Applicant : <b>1)CROMPTON GREAVES LIMITED</b> Address of Applicant :CG HOUSE, 6TH FLOOR DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)NARKHEDE MILIND GAJANAN</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for making powder from a slurry comprises a cylindrical chamber enclosed by a cylindrical wall and two parallel side walls, a thermally insulated jacket wrapped around an outer surface of said cylindrical wall, the jacket being filed with a thermic fluid and comprising a plurality of heaters disposed therein for heating the thermic fluid for transmitting heat to an inner surface of the cylindrical wall, an inlet valve and a rotatable shaft disposed coaxially with a cylinder axis and including spaced apart bladed paddles attached to and extending radially therefrom, each of the bladed paddles including a scraper disposed at an end thereof, wherein on rotation of the shaft, the bladed paddles are adapted to crush the slurry and throw it towards the inner surface for drying by the heat transmitted from the jacket, and the scrappers are adapted to scrap the powder from the inner surfaces and throw towards an outlet valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3395/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PRODUCT AND PROCESS OF EXTRACTION OF ASTERACEAE PLANT MATERIAL FOR TREATMENT OF DERMATOPHYTE INFECTIONS

(51) International classification	:A61K 36/28	(71)Name of Applicant : <b>1)DR.SONALI WANKHADE</b>
(31) Priority Document No	:NA	Address of Applicant :21, SUVIDHA PARK-2, NEAR
(32) Priority Date	:NA	CME REAR GATE, NASHIK ROAD, BHOSARI, PUNE - 411
(33) Name of priority country	:NA	039 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DR.SONALI WANKHADE</b>
(87) International Publication No	: NA	<b>2)DR.MAHENDRA KUMAR RAI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an oil composition and a method of preparation of said oil composition from an individual or a mixture of a plurality of Asteraceae plant materials selected from a group of Arnica montana. Anthemis nobilis. Calendula arvensis, C. officinalis, Carthamus tinctorius, Conyza stricta, Dendranthema grandiflorum, Gaillardia pulchella, Helianthus occidentalis. H. tuberosus, Matricaria disciformis, M. recutita, Saussurea lappa, S. obvallata, Tagetes erecta, T. minuta, T. patula, Tridax procumbens, Verbesina encelioides and Vernonia albicans. The oil composition adapted to be used for treatment of dermatophyte infections such as but not limited to tinea infections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3396/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR OBTAINING HIGH VOLUMETRIC YIELDS OF GRANULOCYTE COLONY STIMULATING FACTOR(G-CSF)

(51) International classification :C12N1/00;  
C12N1/20  
(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 :309/MUM/2006  
Filed on :06/03/2006

(71)**Name of Applicant :**  
**1)CADILA HEALTHCARE LIMITED**  
Address of Applicant :ZYDUS TOWER, SATELLITE  
CROSS ROAD, AHMEDABAD - 380 015, GUJARAT,  
INDIA.  
(72)**Name of Inventor :**  
**1)SARASWAT, VIBHOR**  
**2)MENDIRETTA, SANJEEV, K**  
**3)PATEL, PANKAJ, R.**

(57) Abstract :

The present invention relates to an improved process for the production of G-CSF in high yield via a high salt-induced increase in plasmid stability during and production phase.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.661/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A ELECTRO PNEUMATIC CONVERTER WITH LOW HYSTERESIS CHARACTERISTIC

(51) International classification	:F15B7/04	(71)Name of Applicant :
(31) Priority Document No	:10-2011-0137177	<b>1)YOUNG TECH Co. Ltd.</b>
(32) Priority Date	:19/12/2011	Address of Applicant :#3022 Hagun-ri Yangchon-myeon
(33) Name of priority country	:Republic of Korea	Gimpo-si Keonggi-Do Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LEE Yong Hee</b>
(87) 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 electro pneumatic converter with low hysteresis will be supplied. This electro pneumatic converter includes #1 stator bent plated #2 stator and a rotor. #1 stator is equipped with #1 stator gap and partially wrapped coil. #2 stator is equipped with #2 stator gap on one side end and a permanent magnet which magnetizes rotor on the other side. #1 and #2 stators are installed side by side. Rotor's one side is installed near a permanent magnet and the other end is installed towards #1 and #2 stator gaps and in between #1 and #2 stator gaps above mentioned coil will be moved according to electric current.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.681/MUM/2008 A

(19) INDIA

(22) Date of filing of Application :28/03/2008

(43) Publication Date : 28/06/2013

(54) Title of the invention : SENSOR FOR TRANSFORMER

(51) International classification	:H01F27/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)CROMPTON GREAVES LTD</b>
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YARGOLE ARUN DATTATRAYA</b>
(87) 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 load current sensing power distribution transformer (1) comprising a sensor comprising a sensor coil (6) wound on a magnetic material core (7) and mounted on the transformer core (5) or mounted in the proximity of the transformer windings (2,3) electrostatically shielded from the transformer windings. Also a method for measuring the current being drawn from a power distribution transformer. The voltage or current induced by the leakage flux from the transformer core within the transformer is sensed and the voltage or current signal is processed

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.94/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :14/01/2009

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATION INFORMATION RECALL IN AN ENTERPRISE NETWORK

(51) International classification	:H04M3/42	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/290,494	<b>1)AVAYA INC</b>
(32) Priority Date	:31/10/2008	Address of Applicant :211, MOUNT AIRY ROAD,
(33) Name of priority country	:U.S.A.	BASKING RIDGE NEW JERSY 07920, U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRATHAP RAJ VARMA</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is disclosed for communication information recall in an enterprise network. An illustrative embodiment describes, in particular, a method for communication information recall following a communication attempt by an originating party using a first communication terminal, to a receiving party using a second communication terminal, after retrieval by recipient, at the first communication terminal accessing an entry in an outgoing call log originated an earlier call that has been terminated; the entry accessed corresponding to the second communication terminal, sending/transmitting an instruction message to the second terminal indicative of an instruction to, to one of match and delete an existing communication information entry; informing the recipient about the action by adding a new entry in the communication information log with updated details; sending an alert of success or failure of communication information recall to the first communication terminal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3504/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SUPPLEMENTARY LUBRICANT BASED RUNNER FOR BEARING ASSEMBLY

(51) International classification	:F16C 33/00	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR,
(32) Priority Date	:NA	DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WADBUDE SAHEBRAO</b>
(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 motor including a shaft extending from a drive end of said motor including a coaxial bearing, said bearing borrowing support from a bearing housing which is a disk shaped assembly, said motor comprising a supplementary lubricant based runner element for bearing assembly, said element further comprises a first annular ring spaced apart from a co-axial second annular ring with said first annular ring being connected to said second annular ring by means of a bridge element in a spaced apart manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3505/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN APPARATUS FOR FIXING CONTROLLER TO STATOR

(51) International classification	:H02P 8/00	(71) <b>Name of Applicant :</b> <b>1)CROMPTON GREAVES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR,
(32) Priority Date	:NA	DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KAMAL PRAVEER</b>
(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 fixing controller to stator, said apparatus comprises: a swiveling fixture adapted to receive a stator, with an orthogonal vertical shaft, from an operative lower side of said fixture, said fixture having an open slot on its operative upper side in order to receive a controller assembly through said shaft; and at least a pair of parallel located columns adapted to support said fixture in a swinging position; wherein, said stator, said shaft, said fixture, and said controller assembly are all co-axial to provide balance and uniformity in the fixing process.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3506/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR FORMING METAL CONTACT ON A SURFACE OF A SOLAR CELL COVERED BY AN ANTI-REFLECTIVE COATING (ARC) LAYER

(51) International classification	:H01L31/042; H01L21/20	(71)Name of Applicant : <b>1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY</b> Address of Applicant :POWAI, MUMBAI 400 076 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)CHETAN SINGH SOLANKI</b>
Filing Date	:NA	<b>2)VIKRANT ASHOK CHAUDHARI.</b>
(87) 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 for forming metal contact on a surface of a solar cell covered by an anti-reflective coating (ARC) layer is provided. The method comprises masking the ARC layer with a removable self-adhesive polymer sheet, engraving the electrical contact pattern on the polymer sheet by a laser beam having a wavelength in the range of (10,000 - 11,000 nm), the laser beam of said wavelength range etching the polymer sheet for exposing regions of the ARC layer corresponding to the electrical contact pattern, wet chemical etching of the solar cell for etching the exposed regions of the ARC layer to form the electrical contact pattern on the surface, and subjecting the solar cell to metallization process for deposition of metal on the electrical contact pattern formed on the surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.99/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PREDECOMPOSITION KILN TAIL SYSTEM USED OUTSIDE OF CEMENT KILN FOR PROCESSING RAW MATERIALS WITH COMBUSTIBLE SUBSTANCES

(51) International classification :F27D 13/00, C04B 2/12  
(31) Priority Document No :200910304794.X (CN)  
(32) Priority Date :24/07/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2010/072818  
Filing Date :15/05/2010  
(87) International Publication No :WO/2011/009321  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)SINOMA TECHNOLOGY & EQUIPMENT GROUP CO. LTD.**  
Address of Applicant :No.1 Yinhelibei Road Beichen District Tianjin 300400 China  
(72)Name of Inventor :  
**1)YU Weimin**  
**2)TAO Congxi**  
**3)PENG Xueping**  
**4)XIAO Qiuju**  
**5)CHEN Changhua**  
**6)LI Zhenhua**  
**7)LIU Jikai**

(57) Abstract :

The invention has disclosed a cement kiln-exterior predecomposition kiln-rear system that can process combustible raw meal and includes multi-stage cyclone preheaters. The system further includes a raw meal precalciner that is provided with a material gas flow outlet at its upper part a gas flow inlet at its bottom and a feed inlet at its lower part. The gas flow inlet connects to the gas outlet of N stage cyclone preheater in the said multi-stage cyclone preheaters and the material gas flow outlet connects to N-1 stage cyclone preheater and the feed inlet connects to N-2 stage cyclone preheater or directly connects to the feeding device. The invention can effectively use a cement raw meal to calcine it into a cement clinker and achieve a breakthrough with an innovative dry predecomposition kiln-rear system processing combustible raw meal to calcine it into a cement clinker

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3615/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING NETWORK RESILIENCE IN POINT-TO-POINT DATA NETWORKS

(51) International classification	:H04L 29/06	(71)Name of Applicant : <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for providing network resilience in a point to point data network capable of providing multiple services to multiple customers. The system (100) includes at least one Optical Line Terminal (OLT) (200), and at least one Ethernet card (210) which is operably coupled to the at least one OLT (200). Further, the system (100) includes at least one down link mechanism (225) which is operably coupled to the OLT (200) via the Ethernet card (210). The down link mechanism (225) comprises at least one IP Radio link (220) operably coupled to the OLT (200) via the at least one Ethernet card (210). The Radio link (220) is capable of transporting signals generated by the OLT (200) downstream at users' end via radio waves over internet protocol. In this manner, the at least one IP Radio link (220) provides the resilience in the point to point data network.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3616/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING RESILIENCE IN COMMUNICATION NETWORKS

(51) International classification	:H04B 1/66	(71) <b>Name of Applicant :</b> <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for providing resilience in a communication network capable of providing multiple services to multiple customers. The system (100) includes at least one Optical Line Terminal (OLT) (110), and at least one Passive Optical Network (PON) based architecture (115) operably coupled to the at least one OLT (110). The PON based architecture (115) includes at least one down link mechanism (120) operably coupled to the at least one OLT (110). The down link mechanism (120) is capable of transporting optical signals generated by the OLT (110) downstream to users end via the PON based architecture (115) and includes at least one Free Space Optics (FSO) Link (130) configured to operate in a continuous mode both during up linking and down linking. The down link mechanism (120) provides the resilience in the communication network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3617/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING RESILIENCE IN POINT TO POINT DATA NETWORKS

(51) International classification	:H04B 1/66	(71)Name of Applicant : <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for providing resilience in a communication network. The system (100) comprising at least one Optical Line Terminal (OLT) (110). At least one Ethernet card (135) which is operably coupled to the at least one OLT (110) and at least one down link mechanism (120) which is operably coupled to the at least one OLT (110) via the Ethernet card (135). Wherein the at least one down link mechanism (120) is capable of transporting optical signals generated by the OLT (110) downstream to users end. Wherein the at least one down link mechanism (120) comprises at least one Free Space Optics (FSO) Link (130) which is configured to operate in a continuous mode during up linking and down linking.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3618/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING NETWORK RESILIENCE IN PASSIVE OPTICAL NETWORKS

(51) International classification	:H04B 1/66	(71)Name of Applicant : <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for providing resilience in passive optical networks capable of providing multiple services to multiple customers. The system (100) includes at least one Optical Line Terminal (OLT) (200), and at least one Passive Optical Network (PON) based architecture (115) operably coupled to the OLT. The PON based architecture includes at least one down link mechanism (120) operably coupled to the at least one OLT. The down link mechanism is capable of transporting optical signals generated by the OLT downstream to users end via the PON based architecture. Further, the down link mechanism includes at least one IP radio link (220) operably coupled to the OLT, wherein the IP radio link is capable of transporting signals generated by the OLT downstream at users' end via radio waves over internet protocol. In this manner, the down link mechanism provides the resilience in the communication network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3477/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : INVENTION RELATING TO WATER DISTRIBUTION SYSTEMS IN EVAPORATIVE TYPE AIR COOLERS BY USING BLOW MOULDED WATER DISTRIBUTION PIPE ASSEMBLY

(51) International classification	:F24F6/02; F24F6/04	(71) <b>Name of Applicant :</b> <b>1)ACHAL ANIL BAKERI</b> Address of Applicant :415, BODEKDEV, AHMEDABAD - 380 054 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ACHAL ANIL BAKERI</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The process for manufacturing Water Distribution Pipe Assembly in Evaroporative type Air Coolers by using blow moulded process to avoid Leakage, deposition of impurities and uniform flow of water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3478/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS FOR FORMING CUTOUT IN FLOOR PANEL FOR VEHICLES

(51) International classification	:b62d 25/00; b62d 25/20	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PATIL SUNIL S.</b>
(33) Name of priority country	:NA	<b>2)DAHAKA VIVEK M.</b>
(86) International Application No	:NA	<b>3)BIRARI BHARAT R.</b>
Filing Date	:NA	<b>4)NICHAT BHARAT V.</b>
(87) International Publication No	: NA	<b>5)KULKARNI RAHUL P.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein provides a process for forming cutout in floor panel for vehicles, comprising providing perforations/slits on said floor panel along said cutout path before the panel welding/during panel manufacturing process, slitting said perforations by slitting means, and generating final cut out by manual cut out means after suitable stage of manufacture process. Said perforations are provided to manufacture vehicle variants at suitable stage of the panel manufacturing process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3479/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A FOLDABLE SEATING DEVICE AND METHODS THEREOF

(51) International classification	:a47c 4/00; a47c 4/28	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SRIVATSA VANI PRASANNA</b>
(33) Name of priority country	:NA	<b>2)NAVEEN KUMAR B S</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a foldable seating device (100) to configure in to a flat floor. Said device comprising: seat base (101) mounted on to a vehicle chassis (102). Pair of mounting brackets (103) provided with pair of pivot points (103a and 103b) mounted on rear wheel arch (102a) of the vehicle. And a back rest (104) mounted on the mounting brackets (103), wherein said back rest (104) comprises structural element (105) having stepped ends (105a) for latching with the pivot point (103b) to facilitate folding of the back rest (104) to configure the rear seating device (100) in to a flat floor in folding position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3479/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF MANUFACTURING METAL MATRIX CERAMIC COMPOSITES WITH IMPROVED WEAR RESISTANCE CERAMIC FORM•

(51) International classification :C09K3/14  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)AIA Engineering Ltd.**  
Address of Applicant :115 G.V.M.M. Estate Odhav Road  
Ahmedabad-382 410 GUJARAT, INDIA.  
(72)Name of Inventor :  
**1)SUDHIR VAMAN BHIDE**

(57) Abstract :

The present invention relates to a metal matrix ceramic composite (MMCC) with improved wear resistance comprising of ceramic form, wherein the ceramic form comprising a mixture of ceramic grains comprising alumina, at least one binder and carbon particles, wherein the said ceramic form is embedded in molten metal. The present invention also relates to a method for manufacturing the metal matrix ceramic composite (MMCC) with improved wear resistance.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3480/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : BENZAZEPINE DERIVATIVES AND THE PROCESS FOR THEIR PREPARATION

(51) International classification	:C07D223/16; C07D405/12	(71)Name of Applicant : <b>1)MRS. RAJANI GIRIDHAR</b> Address of Applicant :PHARMACY DEPARTMENT., FACULTY OF TECHNOLOGY & ENGINEERING, KALABHAVAN, THE M.S. UNIVERSITY OF BARODA, VADODARA - 390 001, GUJARAT, INDIA.
(31) Priority Document No	:NA	<b>2)MANGE RAM YADAV</b>
(32) Priority Date	:NA	<b>3)AMIT VERMA</b>
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)MRS. RAJANI GIRIDHAR</b>
Filing Date	:NA	<b>2)MANGE RAM YADAV</b>
(87) International Publication No	: NA	<b>3)AMIT VERMA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to the preparation of some novel benzazepine derivatives, useful for the prophylaxis and/or treatment of serotonin 5HT<sub>2c</sub>:receptor associated metabolic and neurological diseases, disorders and symptoms.

No. of Pages : 9 No. of Claims : 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3480/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED CURRENT TRANSFORMER

(51) International classification	:G01R15/24
(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	: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)LARSEN & TOUBRO LIMITED**

Address of Applicant :L&T HOUSE, BALLARD ESTATE,  
MUMBAI-400001, MAHARASHTRA STATE, INDIA.

(72)**Name of Inventor :**

**1)PRACHI S. DESHPANDE**

(57) Abstract :

Disclosed herein is an improved current transformer comprising a bypass arrangement including a bypass limb held in place through plastic spacers. The bypass arrangement is placed between primary coil and secondary coil such that when current passes through the primary coil, the output from the secondary coil can be clamped by ensuring that the main core saturates at a very low operating currents and then the flux is partially diverted to the bypass arrangement

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3495/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : INVENTION RELATING TO AIR COOLER REGULATOR

(51) International classification	:B60H1/32
(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)ACHAL ANIL BAKERI**  
Address of Applicant :415, BODEKDEV, AHMEDABAD-  
380 054 Gujarat India  
(72)**Name of Inventor :**  
**1)ACHAL ANIL BAKERI**

(57) Abstract :

An invention relating to Air Cooler Regulator with desired speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD OF ENCODING A MULTI-VIEW IMAGE\*

(51) International classification :H04N13/00  
(31) Priority Document No :60/907,614  
(32) Priority Date :11/04/2007  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/KR2008/001262  
Filing Date :06/03/2008  
(87) International Publication No :WO/2008/126986  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :2018/MUMNP/2009  
Filed on :28/10/2009

(71)**Name of Applicant :**  
**1)SAMSUNG ELECTRONICS CO. LTD.**  
Address of Applicant :416 Maetan-dong Yeongtong-gu  
Suwon-si Gyeonggi-do 442-742 Republic of Korea  
(72)**Name of Inventor :**  
**1)CHOI Jong-Bum**  
**2)SHIM Woo-Sung**  
**3)SONG Hak-Sup**  
**4)MOON Young-Ho**

(57) Abstract :

A Method and apparatus for encoding and decoding a multi-view image are provided. The method of encoding a multi-view image includes determining whether each of pictures included in multi-view image sequences is a reference picture referred to by other pictures included in the multi-view image sequences for inter-view prediction and encoding the pictures using at least one of inter-view prediction and temporal prediction based on the determination result thereby efficiently encoding and decoding the multi-view image at high speed.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3539/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTRONIC BANKBOOK

(51) International classification	:G06K 19/10	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DADHI Dhananjaya</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a computer implementable method to manage financial transaction information for at least one bank account. The method includes authenticating a user of an eBankBook associated with the at least one bank account, receiving an update request from the eBankBook pertaining to the financial transaction information, based on the authentication, and forwarding the financial transaction information to the eBankBook, based on the update request.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3541/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PREPARATION OF FORMULATIONS OF OXALIPLATIN

(51) International classification	:A61K31/282; A61K31/555	(71) <b>Name of Applicant :</b> <b>1)EMCURE PHARMACEUTICALS LIMITED</b> Address of Applicant :P-1, IT-BT PARK, MIDC PHASE-2, HINJWADI, PUNE-411 057, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SOUGATA PRAMANICK</b>
(87) International Publication No	: NA	<b>2)UDAY SURESH RANGOLE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ADWAIT DEO</b>
Filing Date	:NA	<b>4)MUKUND KESHAV GURJAR</b>
(62) Divisional to Application Number	:NA	<b>5)SAMIT SATISH MEHTA</b>
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the preparation of formulations of oxaliplatin with improved stability and impurity profile. The invention makes use of carbon dioxide as an acidity and stability agent in the formulations of oxaliplatin. The formulations with improved stability and impurity profile, especially with respect to Impurity E, are disclosed.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3542/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MEDICATED INTRAUTERINE DEVICE

(51) International classification	:A61K 9/00	(71) <b>Name of Applicant :</b> <b>1)PREGNA INTERNATIONAL LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :13, SURYODAY ESTATE, 136,
(32) Priority Date	:NA	TARDEO ROAD, MUMBAI-400034, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)S.S. BABHULKAR</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process of preparation of medicated intrauterine device (IUD). The process includes mixing formable silicone with a drug and a cross linker to form a mixture thereof. The mixture is poured into a mould cavity and kept for a predefined period to prepare a matrix. Thereafter, the matrix is immersed in a solvent and allowed to swell for predefined period. The swollen matrix is assembled on vertical arm of the T shaped IUD by the using a fixture. The assembled matrix is dried and allowed to shrink which is then is covered with a membrane to form a medicated IUD.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3547/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A CENTRIFUGE SAFETY DEVICE

(51) International classification

:B04B

11/00

(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)NEUATION TECHNOLOGIES PVT LTD**

Address of Applicant :BLOCK# 228/1/4, DANTALI

INDUSTRIAL OWNER ASSOCIATION, DANTALI, KALOL  
- 382721 GANDHINAGAR, GUJARAT, INDIA.

(72)Name of Inventor :

**1)RAVI SHANKAR MRUTHYUNJAYA**

**2)GAJJAR, HIMANSHU**

**3)ANKIT PATEL**

(57) Abstract :

The present disclosure relates to a centrifuge safety device. More particularly, the present disclosure relates to a device, which detects imbalance and cut off power supply to a centrifuge, wherein the safety device comprises of a switch with a switch button operatively coupled to a floating weight/mass placed below the vessel of the centrifuge. When vibration of the vessel exceeds threshold, the switch is actuated by contact of the vessel with the floating weight/mass, resulting in cut off of power supply to the centrifuge.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3548/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SHELL-AND-TUBE HEAT AND MASS TRANSFER DEVICE

(51) International classification	:B05B 1/00	(71) <b>Name of Applicant :</b> <b>1)THERMAX LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :D-13, MIDC, R.D. AGA ROAD,
(32) Priority Date	:NA	CHINCHWAD, PUNE- 411 019, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAVALE, DEVADATTA</b>
Filing Date	:NA	<b>2)KULKARNI SAMEER</b>
(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 sheli-and-tube heat and mass transfer device is disclosed which achieves higher heat and mass transfer, requires less heat/mass transfer area, and is light and compact. The device 100 comprises a vertical cylindrical shell 102 and at least one set of helical coils 104 concentrically placed inside the shell 102; wherein the set of helical coils are supported on coil supports 116 which are joined to the shell 102. The heat/mass transfer fluids pass counter-currently such that a vertical falling film is formed.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3647/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE&NBSP; SYSTEM AND METHOD FOR POWER FORECASTING&NBSP; OPTIMIZAION AND MANAGEMENT

(51) International classification	:G06G	(71)Name of Applicant :
(31) Priority Document No	7/00	<b>1)Mzaya Private Limited</b>
(32) Priority Date	:NA	Address of Applicant :B-26/27 Goodwill Assurance
(33) Name of priority country	:NA	Building Manmala Tank Road Mahim Mumbai 400016
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Gopi Subramanian</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Kaushal Kishore</b>
Filing Date	:NA	<b>3)Praveen Kumar Srinivasan</b>
(62) Divisional to Application Number	:NA	<b>4)Vijaya Saradhi Gannavaram</b>
Filing Date	:NA	<b>5)Roopesh Ranjan</b>
		<b>6)Awadhesh Kumar</b>
		<b>7)Rishikesh Sapre</b>
		<b>8)Srikanth Krishna Rajagopalan</b>

(57) Abstract :

The present invention provides a device and a system that enable power utilities to make informed decisions and a method thereof. The system provides a platform for load forecasting network planning and optimization power procurement planning and analysis Generation schedule recommendation Invoice generation and billing reconciliation and portfolio optimization.

No. of Pages : 46 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3648/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING VOICE BASED SERVICES TO SUBSCRIBERS

(51) International classification	:G01S 5/04	(71) <b>Name of Applicant :</b> <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Menon Anand</b>
(87) International Publication No	: NA	<b>2)Dubey Prashant</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system (100) for providing multiple services to subscriber<sup>TM</sup>s premises. The system includes a central Media-gateway (MG) (105) capable of being provided at service provider<sup>TM</sup>s end (102). The MG is configured to convert TDM based voice services to the IP based voice services at the service provider<sup>TM</sup>s and distribute the voice based services to various FTTH networks such as the FTTH networks (110) (112) (114) (116) located at different places P1 P2 P3 P4 respectively. The MG is in operational communication with an aggregator and distributor (107). The aggregator and distributor is configured to aggregate various voice services convert the voice services and route the converted voice services to the FTTH networks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3649/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : IVABRADINE HYDROCHLORIDE PREMIX

(51) International classification	:A61K 31/55	(71) <b>Name of Applicant :</b> <b>1)Alembic Pharmaceuticals Limited</b> Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAMAN Jayaraman Venkat</b>
(87) International Publication No	: NA	<b>2)BALAJI Sundara Kalyana</b>
(61) Patent of Addition to Application Number	:NA	<b>3)B S. Natarajan</b>
Filing Date	:NA	<b>4)TOMER Sanjiv</b>
(62) Divisional to Application Number	:NA	<b>5)KANZARIYA Kamlesh</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to Ivabradine hydrochloride premix comprising Ivabradine and process for preparing said premix.  
The present invention also relates to pharmaceutical compositions comprising said Ivabradine hydrochloride premix.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.601/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD OF PROVIDING LEADERBOARDS FOR MOBILE GAMING IN A WIRELESS NETWORK•

(51) International classification :A63F 9/24  
(31) Priority Document No :61/241, 862  
(32) Priority Date :11/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/048005  
Filing Date :07/09/2010  
(87) International Publication No :WO/2011/031678  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)QUALCOMM INCORPORATED**  
Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
U.S.A.  
(72)**Name of Inventor :**  
**1)MAHAN Michael P.**  
**2)MINCH David M.**

(57) Abstract :

A method of receiving a leaderboard associated with a software game executed at a wireless device is provided. The method includes monitoring at least one metric associated with the software game while the software game is played. The method further includes collecting a value of the at least one metric when the game is over and comparing the value of the at least one metric to a device leaderboard. The method additionally includes transmitting the value of the at least one metric to a game server when the value of the at least one metric is a best value when compared to the device leaderboard. The device leaderboard may indicate a ranking of scores achieved by playing the software game at the wireless device in which the software game is executed.

No. of Pages : 42 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.602/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : FIN-TYPE DEVICE SYSTEM AND METHOD•

(51) International classification	:H01L 29/78
(31) Priority Document No	:12/552,359
(32) Priority Date	:02/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047523
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/028796
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)QUALCOMM INCORPORATED**

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

(72)Name of Inventor :

**1)SONG Seung-Chul**

**2)ABU-RAHMA Mohamed Hassan**

**3)HAN Beom-Mo**

(57) Abstract :

A fin-type device system and method is disclosed. In a particular embodiment a method of fabricating a transistor is disclosed and includes forming a gate of a transistor within a substrate having a surface and forming a buried oxide (BOX) layer within the substrate and adjacent to the gate at a first BOX layer face. The method also includes forming a raised source-drain channel (fin) where at least a portion of the fin extends from the surface of the substrate and where the fin has a first fin face adjacent a second BOX layer face of the BOX layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.603/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : USER INTERFACE METHODS FOR ENDING AN APPLICATION\*

(51) International classification :G06F 3/048, G06F 9/44  
(31) Priority Document No :12/554,973  
(32) Priority Date :07/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/048008  
Filing Date :07/09/2010  
(87) International Publication No :WO/2011/029100  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)QUALCOMM INCORPORATED**  
Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
U.S.A.  
(72)**Name of Inventor :**  
**1)HORODEZKY Samuel J.**

(57) Abstract :

Methods and devices provide an efficient user interface for initiating a function by detecting an ellipsoidal continuous touch path on a touch surface of a computing device. In an embodiment the initiated function may end an application. A user may initiate the function operation by tracing an ellipsoidal shape (e.g. a circle) a touchscreen or touchpad. A display image may be contorted to inform the user about the progress towards accomplishing the function. The function operation of contorting the display image may begin at a minimum measure of the traced path and complete at a maximum measure of the traced path. In an embodiment terminating an application and returning to the home display may be achieved in response to a clockwise path trace and minimizing of an application and returning to home display may be achieved in response to a counterclockwise path trace or vice versa.

No. of Pages : 43 No. of Claims : 44

(54) Title of the invention : A MEDICINAL FUSIDIC ACID CREAM MADE USING SODIUM FUSIDATE AND INCORPORATING A BIOPOLYMER, A CORTICOSTEROID - HYDROCORTISONE ACETATE, AND AN ANTIFUNGAL AGENT- TERBINAFINE HYDROCHLORIDE , AND A PROCESS TO MAKE IT

(51) International classification	:a61k 47/10; a61k 31/722; a61k 31/575
(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	(71)Name of Applicant : <b>1)MR. SULUR, SUBRAMANIAM VANANGAMUDI</b> Address of Applicant :NO:29, VGP LAYOUT, 4TH ROAD, INJAMBAKKAM, CHENNAI-600 041, TAMIL NADU STATE, INDIA. (72)Name of Inventor : <b>1)MR. SULUR, SUBRAMANIAM VANANGAMUDI</b> <b>2)MR. SRINIVASAN,MADHAVAN</b> <b>3)MR. CHULLIEL,NEELAKANDAN NARAYANAN</b> <b>4)MR. KUPPUSAMY SENTHILKUMAR</b>

## (57) Abstract :

The present invention is directed to a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The cream comprises Chitosan. Hydrocortisone acetate, Terbinafine Hydrochloride and Fusidic acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Hydrocortisone acetate and Terbinafine Hydrochloride in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 96 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.819/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MERCHANDISING TRANSACTIONS VIA IMAGE MATCHING IN A CONTENT DELIVERY SYSTEM•

(51) International classification :G06F 17/30  
(31) Priority Document No :12/574,460  
(32) Priority Date :06/10/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/051675  
Filing Date :06/10/2010  
(87) International Publication No :WO/2011/044270  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)QUALCOMM INCORPORATED**  
Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
U.S.A.  
(72)**Name of Inventor :**  
**1)KANNAN Prasanna**  
**2)CAVENDISH Dirceu G.**

(57) Abstract :

Methods and devices enable users of still or video image content to indicate objects within images in order to obtain more information regarding products of interest. Selected portions of an image or coordinates within the image may be included in a product query message transmitted to a server. The server receiving image information may process the information to recognize objects or particular products within the image selection. Recognized objects or products may be compared to a database of available merchandise to determine availability. Information regarding commercially available products may be included in a product information message transmitted to the users computing device. Users may initiate a purchase transaction for recommended products based on the product information. The image may be broadcast by a variety of content delivery services including a mobile broadcast TV network.

No. of Pages : 80 No. of Claims : 103



(12) PATENT APPLICATION PUBLICATION

(21) Application No.845/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SOLAR COLLECTOR•

(51) International classification	:E06B 3/663
(31) Priority Document No	:0957411
(32) Priority Date	:22/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052221
Filing Date	:19/10/2010
(87) International Publication No	:WO/2011/048321
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SAINT-GOBAIN GLASS FRANCE**  
Address of Applicant :18 Avenue d'Alsace F-92400  
Courbevoie France  
(72)**Name of Inventor :**  
**1)SELLIER Julien**  
**2)GY Ren**

(57) Abstract :

The invention relates to a solar collector, comprising: - a glass sheet (1); - a metal frame (2) or another glass sheet (1) and a metal frame (8); - a seal between the glass sheet or sheets and the metal frame (2, 8); - the metal frame (8) comprising a wall (80) offset with respect to the seal and/or a wall (80) connected to the seal by a low thermal conductivity material. The invention provides a solar collector which is compact and simple and improves solar radiation transmission.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3523/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CUTTING AND CHIPPING ASSEMBLY

(51) International classification	:A01G 23/00	(71) <b>Name of Applicant :</b> <b>1)VISHWAKARAMA ROSHAN LAL</b>
(31) Priority Document No	:NA	Address of Applicant :VILLAGE & POST: MEKH,
(32) Priority Date	:NA	TEHSIL: GOTE GAON, DIST: NARSINGHPUR- 487114,
(33) Name of priority country	:NA	MADHYA PRADESH, INDIA
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VISHWAKARAMA ROSHAN LAL</b>
(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 cutting and chipping assembly for crops, said assembly comprises: plurality of blades comprising a sett cutting blade and a bud cutting blade adapted to be operable in an operative vertical motion, adapted to simultaneously cut and chip stem and buds of said crops placed under said plurality of blades; at least a crank operable at varying speeds; at least a motor adapted to drive said crank at said varying speeds; plurality of pulley adapted to convert electric power of said motor to mechanical energy and further adapted to provide motion to said at least a crank and to provide said varying speeds; and at least a piston adapted to be driven by said crank, which in turn, being adapted to operate said plurality of blades in said operative vertical motion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3524/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR REAL TIME MONITORING, PREDICTION, ANALYSIS AND DISPLAY OF TEMPERATURES FOR EFFECTIVE THERMAL MANAGEMENT IN A DATA CENTRE

(51) International classification :G05D 23/00

(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 :652/MUM/2011

Filed on :09/03/2011

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)TATA CONSULTANCY SERVICES LIMITED**

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

(72)Name of Inventor :

**1)BHAGWAT, HARSHAD**

**2)SINGH, AMARENDRA K**

**3)D. SANKARA NARAYANAN**

**4)JAYAPRAKASH, RAJESH**

**5)SIVASUBRAMANIAM, ANAND**

(57) Abstract :

The application provides a method and system for real time monitoring and prediction of temperatures in a data center for effective thermal management. Further, the invention provides a method and system for analyzing and display of monitored and predicted temperatures for obtaining complete temperature profile of the data center.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3525/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LINEZOLID PREMIX

(51) International classification	:A61K 31/00	(71)Name of Applicant : <b>1)Alembic Pharmaceuticals Limited</b> Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)RAMAN Jayaraman Venkat</b>
(87) International Publication No	: NA	<b>2)BALAJI Sundara Kalyana</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RATHOD Dhiraj</b>
Filing Date	:NA	<b>4)VOHRA Irfan</b>
(62) Divisional to Application Number	:NA	<b>5)MODI Viral</b>
Filing Date	:NA	<b>6)S. Shanmugavel</b>

(57) Abstract :

The present invention relates Linezolid premix and process for the preparation of the said premix. The present invention also relates to pharmaceutical compositions comprising said Linezolid premix.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3529/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPARE WHEEL CARRIER ASSEMBLY FOR HEAVY VEHICLES

(51) International classification	:B62D 43/00	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI-400001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ASHWANI GARG</b>
(87) International Publication No	:N/A	<b>2)SATISH KAKADE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DEVIKAR UMESH</b>
Filing Date	:NA	<b>4)LAKHERI RAHUL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a spare-wheel carrier assembly for heavy vehicles. The spare-wheel carrier assembly includes a horizontal member carried by the heavy vehicle and a vertical member extending upwardly from said horizontal member. An actuator is hingedly connected to said vertical member. The actuator includes a telescopically movable arm. A shaft is rotatably attached to said horizontal member. Said shaft has a link connected to said arm of said actuator such that telescopic movement of said arm rotates said shaft about a longitudinal axis thereof. The spare-wheel carrier assembly further includes a rotating arm having a pendulum link configured to carry a spare-wheel. Said rotating arm is connected to said shaft such that said rotating arm rotates with the rotation of said shaft, thereby raising and lowering said pendulum link.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3577/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING 2-OXINDOLES OF FORMULA I, A KEY RAW MATERIAL FOR MAKING PHARMACEUTICAL DRUGS AND INTERMEDIATES THEREOF.

(51) International classification	:A61K 45/00	(71)Name of Applicant : <b>1)ARCH PHARMALABS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :H WING, 4TH FLOOR, TEX
(32) Priority Date	:NA	CENTRE, OFF SAKI VIHAR ROAD, CHANDIVALI,
(33) Name of priority country	:NA	ANDHERI (EAST), MUMBAI-400 072, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)AJAY ANANT AUDI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAMCHANDRAN C.</b>
Filing Date	:NA	<b>3)GANESH GURPUR PAI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved processes having practical utility for preparing 2-oxindoles of formula I comprising preparation of 2-nitroarylmalonate diester of formula II as first intermediate and subsequent insitu reductive cyclisation using metal acid combination and its modified work-up to form compound of formula I free from metal generated impurity of formula M(OH)X wherein M is metal cation and X is anion. R is selected from hydrogen, linear, branched or cyclic alkyl, aryl, substituted aryl, heteroaryl, haloalkyl like CF<sub>3</sub>, alkoxy, haloalkoxy, thioalkyl and halogen preferably chloro Formula I u herein R' and R are same or different and is selected from linear, branched and cyclic alkyl (C1-C4) preferably methyl R is selected from hydrogen, linear, branched or cyclic alkyl, aryl, substituted aryl, heteroaryl, haloalkyl like CF<sub>3</sub>, alkoxy, haloalkoxy, thioalkyl and halogen preferably chloro Formula II

No. of Pages : 60 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.441/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MEDICINAL FUSIDIC ACID CREAM MADE USING SODIUM FUSIDATE AND INCORPORATING A BIOPOLYMER, A CORTICOSTEROID - DEXAMETHASONE ACETATE, AND AN ANTIFUNGAL AGENT- OXICONAZOLE NITRATE, AND A PROCESS TO MAKE IT

(51) International classification	:A61K31/722; A61K31/573; A61K31/575	(71)Name of Applicant : <b>1)MR. SULUR, SUBRAMANIAM VANANGAMUDI</b> Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD, INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)MR . SULUR, SUBRAMANIAM VANANGAMUDI</b>
(33) Name of priority country	:NA	<b>2)MR. SRINIVASAN,MADHAVAN</b>
(86) International Application No	:NA	<b>3)MR. CHULLIEL,NEELAKANDAN NARAYANAN</b>
Filing Date	:NA	<b>4)MR. KAUSIK GHOSH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The active ingredients, namely Chitosan, Betamethasone Dipropionate, Clotrimazole and Fusidic Acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Betamethasone Dipropionate and Clotrimazole in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water. The cream produced by the process of the present invention further optionally contains an ingredient selected from a group comprising, a buffering agent, an anti oxidant, a chelating agent, and a humectant, or any combination thereof.

No. of Pages : 95 No. of Claims : 16

(54) Title of the invention : A MEDICINAL FUSIDIC ACID CREAM MADE USING SODIUM FUSIDATE AND INCORPORATING A BIOPOLYMER, A CORTICOSTEROID - FLUTICASONE PROPIONATE, AND AN ANTIFUNGAL AGENT- OXICONAZOLE NITRATE, AND A PROCESS TO MAKE IT

(51) International classification :A61K 31/00; A61K 47/36;A61K 9/107;	(71)Name of Applicant : <b>1)MR.SULUR,SUBRAMANIAM VANANGAMUDI</b> Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD, INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE, INDIA
(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(72)Name of Inventor : <b>1)MR. SULUR,SUBRAMANIAM VANANGAMUDI</b> <b>2)MR. SRINIVASAN,MADHAVAN</b> <b>3)MR. CHULLIEL,NEELAKANDAN NARAYANAN</b> <b>4)MR. KUPPUSAMY SENTHILKUMAR</b>

## (57) Abstract :

The present invention is directed to a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The cream comprises Chitosan. Fluticasone Propionate, Oxiconazole Nitrate and Fusidic acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Fluticasone Propionate & Oxiconazole Nitrate in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 91 No. of Claims : 16



(12) PATENT APPLICATION PUBLICATION

(21) Application No.666/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/09/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PVC-BASED PACKAGING MATERIAL

(51) International classification	:c08j 3/11; c08j 5/18	(71) <b>Name of Applicant :</b> <b>1)ACG PHARMAPACK PRIVATE LIMITED</b> Address of Applicant :DALAMAL HOUSE,10th FLOOR, NARIMAN POINT,MUMBAI 400 021, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)DR. KULKARNI, SANJEEV DATTARAY</b>
(33) Name of priority country	:NA	<b>2)MR. SINGH,KARAN JASJIT</b>
(86) International Application No	:NA	<b>3)MR. KULKARNI,SHARAD SHRIKANT</b>
Filing Date	:NA	<b>4)MR. JADHAV,NIKHIL HIRAMAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a pharmaceutical grade PVC-based packaging material incorporating aluminium gel or paste and which has aluminum like gloss and improved barrier properties. It also discloses a PVC-based packaging material which is further laminated with polymers laminates. In the present invention has colour pigment or dye incorporated in the packaging material to produce materials of different colour shades.

No. of Pages : 51 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.740/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD OF PREDICTIVE-DECODING A MULTI-VIEW IMAGE\*

(51) International classification :H04N13/00

(31) Priority Document No :60/907,614

(32) Priority Date :11/04/2007

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

(86) International Application No :PCT/KR2008/001262

Filing Date :06/03/2008

(87) International Publication No :WO/2008/126986

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :2018/MUMNP/2009

Filed on :28/10/2009

(71)Name of Applicant :

**1)SAMSUNG ELECTRONICS CO. LTD.**

Address of Applicant :416 Maetan-dong Yeongtong-gu  
Suwon-si Gyeonggi-do 442-742 Republic of Korea

(72)Name of Inventor :

**1)CHOI Jong-Bum**

**2)SHIM Woo-Sung**

**3)SONG Hak-Sup**

**4)MOON Young-Ho**

(57) Abstract :

A Method and apparatus for encoding and decoding a multi-view image are provided. The method of encoding a multi-view image includes determining whether each of pictures included in multi-view image sequences is a reference picture referred to by other pictures included in the multi-view image sequences for inter-view prediction and encoding the pictures using at least one of inter-view prediction and temporal prediction based on the determination result thereby efficiently encoding and decoding the multi-view image at high speed.

No. of Pages : 29 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3454/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SAFETY ATTACHMENT TO CHEMPERI MODEL PALM CLIMBING DEVICE.

(51) International classification	:A01D46/20	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL</b>
(32) Priority Date	:NA	<b>RESEARCH- CENTRAL INSTITUTE OF</b>
(33) Name of priority country	:NA	<b>AGRICULTURAL ENGINEERING</b>
(86) International Application No	:NA	Address of Applicant :NABI BAGH, BERASIA ROAD,
Filing Date	:NA	BHOPAL-462038, MADHYA PRADESH, INDIA
(87) International Publication No	:N/A	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)DR. H. L. KUSHWAHA</b>
Filing Date	:NA	<b>2)DR. DUSHYANT SINGH</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates with the development of a simple device at Central Plantation Crops Research Institute (CPCRI) by scientists of Central Institute of Agricultural Engineering (CIAE), Bhopal. Safety attachment is required for the climbers climbing on tall palms. Harvesting and crown operation are carried out at about 15 m height from the ground. Presently, Coconut growing states are facing acute shortage of traditional climbers. Coconut Development Board (CDB) is promoting locally available devices by providing training to the youths of Kerala with the assistance of KVKs and other organizations. These devices are fast but not having any safety arrangement in case of slipping from the device, the climber is not safe. Now a day, youths who want to adopt harvesting or climbing as a profession not having experience of traditional harvesting or climbing having height phobia. This concept of safety is also reduces the height fear /height phobia and eliminate the risk of falling down. This safety features will attract more youngsters towards adoption of coconut climbing devices for harvesting of coconut as a profession for earning their livelihood. The device consists of an attachment to the climbing device, which positively locks the climbing machine to the coconut tree if the climber loses balance and slips as it is attached to the body harness worn by the climber. A positive locking device in the machine at very close interval is required. The climber will hang secured in the body harness and regain his/her position in a few second without assistance of any other person. The attachment provides full safety to the climber during climbing and harvesting operations, which helps in reducing fear and increase efficiency/capacity. The safety attachment can be incorporated with the coconut climbing devices with simple modification/ refinement.

No. of Pages : 5 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3455/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : POWER OPERATED POTTING MACHINE FOR HORTICULTURAL NURSERY

(51) International classification	:A01G 9/08	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH(ICAR),CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING</b>
(32) Priority Date	:NA	Address of Applicant :NABI BAGH, BERSASIA ROAD, BHOPAL-462038, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)DR.M. MUTHAMIL SELVAN</b>
Filing Date	:NA	<b>2)DR. CK. THANKAMANI</b>
(87) International Publication No	:N/A	<b>3)DR. S. JACOB KALAISELVAN ANNAMALAI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention described in this application relates to the development of a machine for addressing the nursery requirement of horticulture sector. It has been developed at Industrial Extension Project, Coimbatore under Central Institute of Agricultural Engineering (Bhopal) in collaboration with Indian Institute of Spices Research, Calicut. The machine is named as POWER OPERATED POTTING MACHINE FOR HORTICULTURAL NURSERY'. This continuous type machine is capable of mixing, pulverizing, sieving and filling potting mixture (soil: granite powder: compost at 2:1:1 ratio v/v) in poly-bags at the desired quantity (250, 500,1,000g, etc.). The machine consists of 3-hp motor (3- phase), paddles for mixing and pulverizing, sieve attached in slider-crank mechanism for sieving, and electronic instrumentation including load cell for dispensing potting mixture at a set quantity and timing. In addition to the electronic dispensing unit, a pedal has also been provided for operator to manually control quantity of potting mixture. Germination studies conducted in the mist chamber using machine-made potting mixture and the quality of the potting mixture based on the textural analysis were found encouraging. The root developments with the machine made potting mixture are very good as observed in the germination study. The electronic vending unit fills desired quantity with 90% accuracy, and this is acceptable in nursery practices. The cost of the unit is approximately Rs. 1.00 lakh, and its capacity is 100 kg/hour. About 1,600 bags of 500-g capacity can be filled in 8 hours by engaging two labourers, while only 300-350 bags were filled in the conventional method. Cost of bagging by machine is Rs. 320 per 1,000 bags, and it is Rs. 1,140 in the manual method. There is about 70 % cost saving and 80% time-saving through machine-filling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3550/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : FATIGUE TIME DETERMINATION FOR AN ACTIVITY

(51) International classification	:A61B 5/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)JAYARAMAN Srinivasan</b>
Filing Date	:NA	<b>2)PURUSHOTHAMNA Balamuralidhar</b>
(87) 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 :

Systems and methods for determining an actual fatigue time (AFT) for an activity are provided. The method comprises receiving a standard fatigue time (SFT) representing a time duration. The SFT is indicative of an onset of fatigue in individuals upon continuously performing the activity. The method further comprises receiving at least one external parameter and a fatigue index corresponding to the at least one external parameter. The at least one external parameter and the fatigue index are associated with the activity. The method further comprises determining the AFT for the activity based upon the SFT and the fatigue index.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3552/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED AND EFFICIENT PROCESS FOR THE PREPARATION OF BENDAMUSTINE HYDROCHLORIDE AND INTERMEDIATE THEREOF

(51) International classification	:A61K 31/4184	(71)Name of Applicant : <b>1)CADILA HEALTHCARE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(32) Priority Date	:NA	CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)CHARAN, GANPAT DAN SHIMBHU</b>
Filing Date	:NA	<b>2)CHAURASIYA, DINESH KUMAR NANDULAL</b>
(87) International Publication No	:N/A	<b>3)SINGH, KUMAR KAMLESH LAXMI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an improved and efficient process for preparing bendamustine hydrochloride. The present invention also discloses a stable 5-[bis(2-Chloroethyl)amino]-l-methyi-lH-ben2imidazole-2-butanoic acid ethyl ester of formula (II) used as intermediate for the preparation of bendamustine hydrochloride.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3556/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : THREE DIMENSIONAL DENTAL IMPLANTS

(51) International classification	:A61C 8/00	(71) <b>Name of Applicant :</b> <b>1)DR. GAUTAM MADAN</b>
(31) Priority Document No	:NA	Address of Applicant :B- 9/10 GR. FLOOR, NOBLES, B/S
(32) Priority Date	:NA	SAKAR-I, OPP. NEHRU BRIDGE, ASHRAM ROAD,
(33) Name of priority country	:NA	AHMEDABAD-380009 GUJARAT, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DR. GAUTAM MADAN</b>
(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 metal plate is extended from the palatal part of the alveolus over the alveolar crest to extend on the buccal side up till the zygomatic buttress in case of maxilla; and from buccal part over the alveolar crest to the lingual part of the bone in case of mandible. The metal plate is moulded as per the shape of the part of bone where it is placed. This plate is fixed on the palatal (in maxilla) / lingual (in mandible) side as first point, and second point is fixed on the alveolar crest and end point is fixed on the zygomatic buttress (in maxilla) / buccal bone (in mandible) by one or two screws of titanium. This way, the plate is fixed at three points in three separate directions so, it gives more stability to the plate. Then the abutment is fixed at the abutment attachment on the plate.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3557/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AIR-CONDITIONING UNIT

(51) International classification	:B63J2/00; B63J2/02	(71) <b>Name of Applicant :</b> <b>1)BEHR INDIA LTD.</b> Address of Applicant :29 MILESTONE, KURULI, NASIK HIGHWAY, KHED, PUNE 410 501 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SWAPNIL PURANIK</b>
(87) 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 for operating an air-conditioning unit, the method comprising the steps of: flow of air from the ambience through a first inlet orifice, flow of air 5 form the ambience through a second inlet orifice, moving, especially rotating, of a first inlet flap (2) for opening and closing the first inlet orifice between an open and close position, moving, especially rotating, of a second inlet flap (3) for opening and closing the second inlet orifice between an open and close position, exhaust of air through at least one outlet orifice, especially heating 10 of the air at a heater, especially cooling of the air at an evaporator, whereby the first inlet flap (2) and the second inlet flap (3) are moved with only one motor.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3558/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : FOOD PRODUCTS AND PROCESSES FOR PREPARING THE SAME

(51) International classification	:A23L 1/20	(71) <b>Name of Applicant :</b> <b>1)VENKATESAN MALATHY</b>
(31) Priority Document No	:NA	Address of Applicant :2C-704, GREAT EASTERN LINKS,
(32) Priority Date	:NA	RAM MANDIR ROAD, GOREGAON (WEST), MUMBAI
(33) Name of priority country	:NA	400104, MAHARASHTRA, INDIA.
(86) International Application No	:NA	<b>2)HASNAIN YASSER</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)VENKATESAN MALATHY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)HASNAIN YASSER</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides laminated or non-laminated baked products comprising ingredients such as flour, fat, improver, food-grade additives and water. The present disclosure further provides a process for the preparation of the baked products. The products of the present disclosure have about 7-40% reduced fat content as compared to the conventional baked products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3559/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF POLYESTERS AND CO-POLYESTERS

(51) International classification	:B29K 67/00	(71)Name of Applicant : <b>1)RELIANCE INDUSTRIES LIMITED</b> Address of Applicant :3RD FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)VENKATACHALAM SUBBIAH</b>
(33) Name of priority country	:NA	<b>2)KELKAR ANIL KRISHNA</b>
(86) International Application No	:NA	<b>3)SATPATHY ANIL KUMAR</b>
Filing Date	:NA	<b>4)LABDE JAYPRAKASH VINAYAK</b>
(87) International Publication No	:N/A	<b>5)N. KRISHNA RAO</b>
(61) Patent of Addition to Application Number	:NA	<b>6)PUSHAP SUDAN</b>
Filing Date	:NA	<b>7)NAYAK, SHILPA GIRISH</b>
(62) Divisional to Application Number	:NA	<b>8)BHARADWAJ SANJAY</b>
Filing Date	:NA	<b>9)GURUDATT KRISHNAMURTHY</b>
		<b>10)SANTOSH CHANDRAKANT GEEDH</b>

(57) Abstract :

The present invention provides a process for the preparation of a dispersion containing finely dispersed hydrated TiO<sub>2</sub>. Further, there are also provided improved processes for solvolysis and polymer synthesis that employ the finely dispersed hydrated TiO<sub>2</sub>.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.38/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :06/01/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CRYSTALLINE FORM OF (R)-(+)-LANSOPRAZOLE

(51) International classification	:C07D401/00; C07D401/12
(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)CADILA HEALTHCARE LIMITED**

Address of Applicant :CADILA HEALTHCARE LTD  
PLOT NO 26-29 & 31 DABHASA-UMARAYA ROAD, VILL.  
DABHASA-391440 TAL. PADRA, DIST. VADODARA,  
GUJARAT, INDIA.

(72)Name of Inventor :

**1)DWIVEDI, SHRIPRAKASH DHAR**

**2)PRASAD ASHOK**

**3)PALDAYA RAM**

(57) Abstract :

The present invention relates to (R)-(+)-Lansoprazole (I) and process for its preparation. In particular, the present invention provides novel crystalline form of (R)-(+)-Lansoprazole. The present application also relates to processes for the preparation of crystalline (R)-(+)-Lansoprazole also known as dextransoprazole.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3481/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR CONSTRUCTION AND RENDERING OF ANNOTATIONS ASSOCIATED WITH AN ELECTRONIC IMAGE

(51) International classification	:G09G5/00; G10L13/04	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LTD.</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI-400 021. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SUNIL KUMAR KOPPARAPU</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for construction and rendering of annotations associated with an electronic image is disclosed. The system comprises of a first data repository for storing the electronic image. The electronic image has a plurality of pixels, with one or more pixels annotated at a plurality of levels in ascending magnitude of descriptive characteristics, with each level containing one or more descriptive characteristics of the pixel such that the descriptive characteristics at a subsequent level in the ascending magnitude is with reference to descriptive characteristics of one or more pixel surrounding the pixel. The system further comprises of a second data repository for storing the annotations associated with the electronic image and an image display module configured to display the electronic image on a display device. The system further comprises of a pixel and level identification module that is configured to receive pixel selection and level selection details from a user interface and an annotation retrieval module configured to retrieve from the second repository annotations corresponding to the pixel and level selected and renders the retrieved annotations for the electronic image.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3411/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/12/2010

(43) Publication Date : 28/06/2013

(54) Title of the invention : DATA SECURITY AND PRIVACY

(51) International classification	:G06F21/60; G06F21/82	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)UKIL, ARIJIT</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (106) and a method (300) for data aggregation in a network environment (100) is disclosed herein. The method (300) comprises receiving encrypted randomized data from a source, selected from amongst a plurality of sources (102), and decrypting the encrypted randomized data to obtain randomized data. The method (300) further comprises selecting (330) another source, from amongst the plurality of sources (102), which has not participated in the data aggregation. The method (300) further comprises encrypting (335) the randomized data to obtain another encrypted randomized data and sending (340) the other encrypted randomized data to the other source for aggregating another data element available with the other source. The method (300) aggregates the data by the system (106) wherein the content data from each of the sources (110-1 ... 110-n) is not revealed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3516/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF TENECTEPLASE

(51) International classification	:A61K38/16; A61K9/16	(71) <b>Name of Applicant :</b> <b>1)GENNOVA BIOPHARMACEUTICALS LIMITED</b> Address of Applicant :P-1, IT-BT PARK MIDC PHASE-2, HINJWADI, PUNE - 411 057, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MAHESHWARI KUMAR MISHRA</b>
Filing Date	:NA	<b>2)PRITIRANJAN BHANDARI</b>
(87) International Publication No	: NA	<b>3)SANJAY SINGH</b>
(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 pharmaceutical compositions of tenecteplase that are safe and effective in the treatment of acute ischemic stroke compared with the known compositions. The advantages of the invention are its safety and efficacy over the known formulations in the treatment of acute ischemic stroke in human subjects as invented based on a series of testing trials on the different amounts of the TNK and isolating specific amount that is optimally suitable in terms of desired effects of TNK in the treatment of acute ischemic stroke.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3516/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF RESTORING RECONSTRUCTED MEMORY SPACES•

(51) International classification	:G06F12/08	(71) <b>Name of Applicant :</b> <b>1)FLUIDITECH IP LIMITED</b> Address of Applicant :Offshore Incorporations (Seychelles) Limited P.O. Box 1239 Offshore Incorporations Centre Victoria Mahe Republic of Seychelles
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)CHU YUNG-CHIANG</b>
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 restoring reconstructed memory spaces is applied for restoring usable memory spaces in an inked die to form the memory with a standardized or non-standardized memory capacity. The method comprises the steps of scanning at least one selected from a block, a page and a cell in a die (or a memory unit), and writing/reading/comparing testing data in each selected area for labeling the block, page and cell as normal and abnormal in each area. The aforementioned steps are executed in a loop to achieve the effects of scanning and testing the die completely, using the configured and collected area labeled as normal to reconstruct the memory with the standardized or non-standardized memory capacity, and providing the memory to any controller or server to access the memory capacity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.800/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SKIN EXTERNAL COMPOSITION COMPRISING A SALT AND SUGAR AS ACTIVE INGREDIENTS FOR PREVENTING AND TREATING VAGINOSIS AND THE USE THEREOF

(51) International classification :A61K 33/14, A61K 9/06  
(31) Priority Document No :10-2009-0099333  
(32) Priority Date :19/10/2009  
(33) Name of priority country :Republic of Korea  
(86) International Application No :PCT/KR2010/007068  
Filing Date :15/10/2010  
(87) International Publication No :WO/2011/049327  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)CHOI Won Seog**

Address of Applicant :#1205 Chin-Hung Heitz Apt. 279-4  
Dongseohak-dong Wansan-gu Jeonju-si Jeollabuk-do 560-120 Republic of Korea.

(72)Name of Inventor :

**1)CHOI Won Seog**

**2)KWON Dong-Yeul**

(57) Abstract :

Present invention relates to a skin external composition comprising a combination of salt and sugar as an active ingredient in an amount effective to treat or prevent vaginosis together with a pharmaceutically acceptable carrier and the use thereof.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3619/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING NETWORK RESILIENCE IN PASSIVE OPTICAL NETWORKS

(51) International classification	:H04B 1/66	(71)Name of Applicant : <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (400) for providing resilience in a communication network capable of providing multiple services to multiple customers. The system (400) includes at least one Optical Line Terminal (OLT) (500), and at least one Passive Optical Network (PON) based architecture (115) operably coupled to the at least one OLT (500). The PON based architecture includes at least one down link mechanism (120) capable of transporting optical signals generated by the OLT downstream to users. The down link mechanism (120) includes at least one Wi-rf link (220) operably coupled to the at least one OLT, wherein the Wi-rf and radio over licensed or unlicensed band link is capable of transporting signals generated by the OLT downstream to users via radio waves over licensed or unlicensed bands. In this manner, the down link mechanism provides the resilience in the communication network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3620/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING NETWORK RESILIENCE IN POINT-TO-POINT DATA NETWORKS

(51) International classification	:H04B 1/66	(71) <b>Name of Applicant :</b> <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (400) for providing network resilience in a point to point data network capable of providing multiple services to multiple customers. The system (400) includes at least one Optical Line Terminal (OLT) (500), at least one Ethernet card (510) which is operably coupled to the at least one OLT, and at least one down link mechanism (525) which is operably coupled to the OLT via the Ethernet card. The down link mechanism includes at least one Wi-fi link (520) operably coupled to the at least one OLT. The at least one Wi-fi link is capable of transporting signals generated by the at least OLT downstream to users via radio waves over licensed or unlicensed bands. The down link mechanism provides the resilience in the point to point data network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3623/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS OF MAKING CALCIUM CARBONATE GRANULES AND COMPOSITIONS THEREOF

(51) International classification	:C11D 11/00	(71)Name of Applicant : <b>1)IDEAL CURES PVT. LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :A-223-229, 2ND FLOOR, VIRWANI
(32) Priority Date	:NA	INDUSTRIAL ESTATE, OFF. WESTERN EXPRESS
(33) Name of priority country	:NA	HIGHWAY, GOREGAON (EAST), MUMBAI-400 063
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)MR. SURESH PAREEK</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MR. ASHOK MOHANTY</b>
Filing Date	:NA	<b>3)MR. DILLIP SWAIN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides micronized granule of brittle compound(s) like calcium salts with a polymer, a binder, a surfactant/stabilizer and process for making thereof. The present invention also aims to provide solid formulation(s) made by micronized granules made by encapsulation/coating/layering/center-filling/gel/cosmetic product or like. Micronized granules of Calcium carbonate are prepared by process of spray drying.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3625/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : FLUORESCENT LAMP HOLDER ASSEMBLY.

(51) International classification	:H01R 33/08	(71) <b>Name of Applicant :</b> <b>1)PUTHIYA VEETIL SUJAY KUMAR</b>
(31) Priority Document No	:NA	Address of Applicant :A-2/503, SWASTIK GARDEN,
(32) Priority Date	:NA	POKHRAN ROAD NO.2, THANE (W), 400 601. Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PUTHIYA VEETIL SUJAY KUMAR</b>
(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 lamp holder for fluorescent lamp/lamps with an end cap holder, socket, locking and guide mechanism. The pins at end caps of the fluorescent lamp are inserted to the end cap holders at both ends of fluorescent lamp and the same is inserted to fixed socket attached to the lamp fixture. The guide portion provided at socket properly guides the pins to the socket. There is no need to twist the lamp for passage of current and locking. The male connector attached to the end caps couples with the fixed female socket attached with the lamp fixture. The locking mechanism attached to the end cap holder and socket, holds the fluorescent lamp in its position. Different sizes of fluorescent lamps can be fixed on same size of holder.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3628/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR MONITORING CONTACT CENTRE OPERATIONS

(51) International classification	:H04B 7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/163,946	<b>1)AVAYA INC</b>
(32) Priority Date	:20/06/2011	Address of Applicant :211, MOUNT AIRY ROAD
(33) Name of priority country	:U.S.A.	BASKING RIDGE NEW JERSEY 07920 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)O'CONNOR NEIL</b>
(87) International Publication No	:N/A	<b>2)D'ARCY PAUL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A console for monitoring contact center operations is provided. The console comprises a camera for capturing a field of view of a contact center environment and a screen for displaying the captured field of view. The camera further comprises an identifier recognition module for determining an identifier from an element in the captured field of view displayed on the screen; and an interface for transmitting a request including the identifier to a contact center server and receiving from the contact center server, information associated with the identifier; wherein the screen is further arranged to display an overlay of the information on the captured field of view, to create an augmented reality of the contact center environment on the screen.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3629/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR MANAGING CONTACTS IN A CONTACT CENTRE

(51) International classification	:H04M 3/523	(71) <b>Name of Applicant :</b> <b>1)AVAYA INC</b>
(31) Priority Document No	:13/193,738	Address of Applicant :211, MOUNT AIRY ROAD
(32) Priority Date	:29/07/2011	BASKING RIDGE NEW JERSEY 07920 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MCCORMACK, TONY</b>
Filing Date	:NA	<b>2)FANG, LI</b>
(87) International Publication No	:N/A	<b>3)RAY, DIVIKAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-implemented method of handling contacts at a contact center. The method includes the steps of identifying a characteristic associated with a contact received at the contact center, and labeling a contact entity representing the contact with a label identifying the characteristic. In response to receipt of a request from an agent of the contact center to handle the contact based on the label of the contact entity, the contact is assigned to the agent and in response to the agent successfully handling the contact, an agent record associated with the agent, is updated to indicate a proficiency in handling contacts associated with the characteristic.

No. of Pages : 32 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3595/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR SHARING OF OPTICAL NETWORK TERMINALS IN PASSIVE OPTICAL NETWORK

(51) International classification	:H04L 7/00	(71)Name of Applicant : <b>1)Sterlite Networks Limited</b>
(31) Priority Document No	:NA	Address of Applicant :Survey No. 68/1 Rakholi Village
(32) Priority Date	:NA	Madhuban dam road Silvassa 396230 Dadra & Nagar Haveli
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Jain Vijay</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The system of the present invention includes a plurality of ONTs adapted to provide multiple voice and data related services to different subscribers. Each of the plurality of ONTs comprises at least one receiver adapted to receive optical signals, a de-multiplexer to de-multiplex the optical signal into component signals, at least one transmitter and at least one output port. Further, the system includes a plurality of routers operatively coupled to the each of the plurality of ONTs. Furthermore, the system includes a plurality of subscriber devices communicably coupled to each of the plurality of routers. The subscriber devices are adapted to receive the de-multiplexed component signals routed by the corresponding router and provide data and voice services to the particular subscriber. Each of the ONTs configures separate domains for each of the routers operatively coupled thereto so as to enable sharing of the ONT.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3598/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : MICROCRYSTALLINE CELLULOSE DEVOID COMPOSITIONS

(51) International classification	:A01N 51/00	(71) <b>Name of Applicant :</b> <b>1)TITAN LABORATORIES PVT. LTD.</b> Address of Applicant :TITAN LABORATORIES PVT. LTD. 102 TITAN HOUSE, M.P.VAIDYA MARG, 60 FEET ROAD, GHATKOPAR - EAST MUMBAI - 400 077 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)MR. PIYUSH B. SHAH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MR. SARADA PRASANNA SWAIN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an Orlistat composition which has an averages particle size of pellets of not less than or equal to 2mm and is devoid of microcrystalline cellulose. The invention further discloses a process for manufacturing thereof.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3600/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A PROCESS AND A DEVICE FOR EFFICIENT COOLING OF WORT IN BREWERIES.

(51) International classification	:C12G 1/00	(71) <b>Name of Applicant :</b> <b>1)CHEM PROCESS SYSTEMS PVT. LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :15, NATRAJ INDUSTRIAL
(32) Priority Date	:NA	ESTATE, SANAND-VIRAMGAM HIGHWAY, TALUKA:
(33) Name of priority country	:NA	SANAND, DIST: AHMEDABAD-382 170, STATE:
(86) International Application No	:NA	GUJARAT, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)SABOO ALOKKUMAR CHANDKUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process and a device for cooling of wort wherein less quantity of chilled water is required for wort cooling as well as increasing the temperature at which chilled process water has to be made available. Both of these measures significantly reduce the energy consumption in the refrigeration system. Another beneficial result from the invention is an increase in the quantity of hot process water available from the wort cooler thereby reducing the requirement for steam.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3601/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PUNCHING SYSTEM IN FILE

(51) International classification	:B23Q 41/08	(71) <b>Name of Applicant :</b> <b>1)SHAH RITUL ASHOK</b>
(31) Priority Document No	:NA	Address of Applicant :9, VUDANAGAR, B/H VAMIL
(32) Priority Date	:NA	PARK SOCIETY, OPP.AXIS BANK, GOTRI ROAD,
(33) Name of priority country	:NA	VADODARA, 390 021. Gujarat India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SHAH RITUL ASHOK</b>
(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 :

Punching of paper is an indispensable act, before filing them. Though being an essential action for filing no one has thought of accompanying the machine which performs this action, with the file. Our invention is comprising of a simple machine can be attached to any file. It is easy, simple & comfortable to operate. It is light in weight and capable of flexibility in size & shape to fit in any file. Our invention will cause a revolution in the world of punching because there will be no liability of being misplaced when attached to the file.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3606/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ADAPTIVE DEADTIME CONTROL FOR HALOGEN LIGHTS

(51) International classification	:G05F1/00	(71) <b>Name of Applicant :</b> <b>1)PRATIP PATEL</b>
(31) Priority Document No	:NA	Address of Applicant :PO BOX 25, IN PARA OPP.
(32) Priority Date	:NA	AMBAJI TEMPLE PO: CHIKHODRA, PIN - 388320, DIST:
(33) Name of priority country	:NA	ANAND, GUJARAT, INDIA.
(86) International Application No	:NA	<b>2)YAGNESH SHUKLA</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)PRATIP PATEL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)YAGNESH SHUKLA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A digital control electronic solution system for electromagnetic based heat energy processing application using high frequency power conversion circuits increasing transformer reliability by continually maintaining soft switching by which high frequency HL appliances have been developed for spot, street and commercial application as in the present era when society is using and enjoying the modern upgraded technologies then the novel invention is a technology based on the electromagnetic based heat energy processing application using high frequency power conversion circuits have attracted special interest for allowing high conversion efficiencies intending with saving of environment and energy have some advantageous points such as energy saving, clean environment.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3608/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRESSURE RELEASE VALVE COUNTER

(51) International classification	:F16K 17/04	(71) <b>Name of Applicant :</b> <b>1)PRAFULLA RANGARI</b>
(31) Priority Document No	:NA	Address of Applicant :BUILDING NO. 2, FLAT NO. 301,
(32) Priority Date	:NA	H.P.NAGAR - WEST, MAHUL ROAD, VASHI NAKA,
(33) Name of priority country	:NA	CHEMBUR(E), MUMBAI 400 074, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)PRAFULLA RANGARI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for counting number of pressure release actions performed by a valve mounted on a vent of a pressure vessel for a predetermined event, the device includes a cap element, a counter element, an indexing means and an indicating means. The cap element is mounted on the vent and gets displaced with respect to the vent to perform at least one pressure release action. The counter element co-operates with the vent and the cap element. The indexing means indexes a counter in the counter element each time the cap element is displaced for performing the pressure release action and the indicating means indicates the number of displacements of the cap element.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1933/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR POWERING AUTONOMOUS DRIVE MOTORS FOR AN AIRCRAFT

(51) International classification	:B64D 41/00	(71) <b>Name of Applicant :</b> <b>1)MESSIER-BUGATTI-DOWTY</b> Address of Applicant :INOVEL PARC SUD, 78140 VELIZY VILLACOUBLAY France
(31) Priority Document No	:11 54444	
(32) Priority Date	:20/05/2011	
(33) Name of priority country	:France	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)GARCIA, JEAN-PIERRE</b>
Filing Date	:NA	<b>2)NIERLICH, FLORENT</b>
(87) International Publication No	: NA	<b>3)GOSSELIN, OLIVIER</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for powering an autonomous drive device (4) in an aircraft comprising a certain number of drive motors (5) for the wheels (6) when the jet engines of the aircraft are not activated, the aircraft comprising an auxiliary power unit or APU (2) driving a first generator (1) for supplying power to devices on the aircraft that need to be powered when the jet engines are not activated, characterized in that the method comprises the use of a second generator (8) dedicated to the power supply of the autonomous drive device, the second generator being disposed in parallel with the first generator so as to be driven by the APU and, when it operates as a motor under the action of power recovered by the autonomous drive device, so as to help the APU drive at least the first generator.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1934/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR DESULPHATING AN EXHAUST-GAS PURIFICATION DEVICE ARRANGED IN AN EXHAUST LINE OF AN INTERNAL COMBUSTION ENGINE, IN PARTICULAR OF A DIESEL INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D41/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011	<b>1)MAN TRUCK &amp; BUS AG</b>
(32) Priority Date	102 047.4	Address of Applicant :DACHAUER STR. 667, 80995
(33) Name of priority country	:19/05/2011	MUNCHEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)DORING, ANDREAS</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for desulphating an exhaust-gas purification device arranged in an exhaust line of an internal combustion engine, in particular of a diesel internal combustion engine, wherein the exhaust-gas purification device has at least one oxidation catalytic converter which is susceptible to sulphur poisoning and which must therefore be desulphurized at predefined times, to which oxidation catalytic converter a defined quantity of carbon monoxide is supplied by means of the exhaust-gas flow during a desulphation phase. According to the invention, the at least one oxidation catalytic converter which is susceptible to sulphur poisoning and which must therefore be desulphurized at predefined times is formed by an NO oxidation catalytic converter (5) which exhibits CO oxidation activity and to which, during the desulphation phase, by means of homogeneous compression ignition of the internal combustion engine or by means of partially homogeneous internal combustion engine operation, such a quantity of carbon monoxide is supplied that the temperature at the NO oxidation catalytic converter (5) to be desulphurized rises to a defined desulphation temperature which permits desulphation of the NO oxidation catalytic converter (5). Also proposed is an advantageous device for desulphating an exhaust-gas purification device arranged in an exhaust line of an internal combustion engine, in particular of a diesel internal combustion engine.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PNEUMATIC DUCT FOR SPINNING FRAME

(51) International classification

:D01H  
11/00

(31) Priority Document No

:2011-  
118333

(32) Priority Date

:26/05/2011

(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

(71)Name of Applicant :

**1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI**

Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,  
AICHI-KEN Japan

(72)Name of Inventor :

**1)MARUYAMA, NAOKI**

**2)ITAZU, YOSHIHIDE**

(57) Abstract :

A pneumatic duct for a spinning frame extends along a longitudinal direction of the spinning frame and includes two ends and an intermediate part in the longitudinal direction. The two ends are each in communication with a negative pressure source. The pneumatic duct includes a plurality of duct segments coupled to each other. A partition partitions the pneumatic duct. The partition is arranged at the intermediate part.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2009/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR PREVENTING ALIGNMENT DISORDER OF WORKPIECE IN ROLLER HEARTH KILN

(51) International classification	:F27B 9/00	(71)Name of Applicant :
(31) Priority Document No	:2011-006879	<b>1)NGK KILN TECH, CORPORATION</b>
(32) Priority Date	:22/11/2011	Address of Applicant :2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-SHI, AICHI 467-8530 Japan
(33) Name of priority country	:Japan	<b>2)NGK INSULATORS, LTD.</b>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ISONO, TAKANORI</b>
(87) International Publication No	: NA	<b>2)YAMADA, YUTAKA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KIMURA, KATSUHIKO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for preventing alignment disorder of workpiece conveyed on a roller of a roller hearth kiln in which a plurality of driving units are arranged along a longitudinal direction thereof. The method includes conveying the workpiece by the roller hearth kiln in which a plurality of driving units for driving rollers is arranged in series, configuring each driving unit in such a way that each roller is rotated by a driving shaft rotated by a motor, providing one or more driving units of which workpiece conveying speed is set to be slower than that of a right preceding driving unit, and contacting the workpiece sent from the just preceding driving unit to the workpiece on a rear side driving unit thereby suppressing an occurrence of a gap between the workpiece.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1770/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DRILL BIT AND PRODUCTION METHOD

(51) International classification	:B23B 51/00
(31) Priority Document No	:102011075769.4
(32) Priority Date	:12/05/2011
(33) Name of priority country	:Germany
(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)HILTI AKTIENGESELLSCHAFT**  
Address of Applicant :FELDKIRCHERSTRASSE 100 9494  
SCHAAN Liechtenstein  
(72)**Name of Inventor :**  
**1)BOHN, KLAUS-PETER**  
**2)GRASBERGER, STEFAN**  
**3)KLEINE, WERNER**

(57) Abstract :

A drill bit 1 has a drill head 3 and a shank 4. The shank 4 has a body 20, an add-on part 40 and an internal channel 50. The drill head 3 is attached to the body 20. The add-on part 40 is attached to a lateral surface 21 of the body 20 and arranged completely within a cylindrical envelope 29 that circumscribes the body 20. The internal channel is configured within the add-on part and/or between the add-on part 40 and the lateral surface 21.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1771/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : YARN WINDING DEVICE

(51) International classification	:B65H 54/00	(71) <b>Name of Applicant :</b> <b>1)TMT MACHINERY, INC.</b> Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541- 0041 Japan
(31) Priority Document No	:2011- 106292	
(32) Priority Date	:11/05/2011	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SUGIYAMA, KENJI</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An objective is to provide a yarn winding device having shifter units dividable into individual units, thereby making it possible to quickly detach and shift yarns and flexibly accommodate changes in the number of bobbins. The yarn winding device includes a plurality of shifter units 8 that detaches yarns Y from traverse units and shift the yarns Y to the outside of the traversal ranges of the corresponding traverse units, when the yarns Y are transferred from fully-wound packages to empty bobbins. The shifter units 8 are arranged to be dividable into individual units.

No. of Pages : 44 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2138/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : YARN WINDING APPARATUS AND YARN WINDING UNIT

(51) International classification	:D01H 1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-204556	<b>1)MURATA MACHINERY, LTD.</b>
(32) Priority Date	:20/09/2011	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:NA	Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ITARU YOKOTA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a spinning machine, a spinning device (9) supplies a spun yarn (10), a winding device (13) winds the spun yarn (10) to form a package (45), a yarn joining device (43) joins an end of the spun yarn (10) on the spinning device (9) side and an end of the spun yarn (10) on the winding device (9) side at a position between the spinning device (9) and the winding device (13), a yarn pooling device (12) pools the spun yarn (10) at a position between the spinning device (9) and the yarn joining device (43), and a cutter (55) cuts the spun yarn (10) at a position between the yarn pooling device (12) and the yarn joining device (43).

No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4500/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING A MARKETING-MIX SOLUTION

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)**Name of Applicant :**

**1)MU SIGMA BUSINESS SOLUTIONS PVT LTD**

Address of Applicant :Level 4 & 5 Kalyani Platina Opp.

Tata Motors Showroom Kundalahalli Village Brookefield

Whitefield Bangalore 560 066 India Kerala India

(72)**Name of Inventor :**

**1)RAMPRASAD ARUNACHALAM**

**2)AMBIGA DHIRAJ**

**3)ZUBIN DOWLATY**

(57) Abstract :

A method for generating a marketing-mix solution is provided. The method includes pre-modeling marketing data having a plurality of marketing-mix variables. Each of the plurality of marketing-mix variables is associated with marketing strategies for one or more products. The method also includes generating a sales and/or revenue based response model to identify contributory marketing-mix variables that affect the sales and/or revenue of the one or more products and analyzing the response model to determine individual contribution of each of the contributory marketing-mix variables towards the sales and/or revenue of the one or more products.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4502/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : THE RELATION BETWEEN THERMAL CONDUCTIVITY AND DENSITY OF LIQUIDS BY R. VELMURUGAN

(51) International classification	:G01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)R. VELMURUGAN</b>
(32) Priority Date	:NA	Address of Applicant :146/5 NORTH STREET
(33) Name of priority country	:NA	SENGAMEDU(VILL), AVINANGUDI(PO),
(86) International Application No	:NA	TITTAGUDI(TK), CUDDALORE(DT) PIN-606112 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)R. VELMURUGAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When I(R.VELMURUGAN) studying about thermal conductivity and density in a scientific data book , thermal conductivity of liquids found to possess linear or direct proportionality with density of liquids, this incidence induce me to make formula that govern relation between thermal conductivities of liquids with density of liquids .

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1851/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : HIGH TEMPERATURE STEAM VALVE

(51) International classification	:C22C19/05
(31) Priority Document No	:MI2011A000830
(32) Priority Date	:12/05/2011
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)ALSTOM TECHNOLOGY LTD.**

Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN Switzerland

(72)**Name of Inventor :**

**1)REIGL, MARTIN**

**2)PARKER, HELEN ELISABETH**

(57) Abstract :

The invention relates to a steam valve (5) comprising a chest (10), a lock (17), a spindle (15), and a strainer (25). Each of these components is made of specific Ni alloys combinations that enable the valve (5) to operate at temperatures above 650°C with a good service life.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2079/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SEAT TRACK FOR VEHICLE

(51) International classification	:F16C 29/00	(71) <b>Name of Applicant :</b> <b>1)SONGJAE INDUSTRIES CO., LTD.</b> Address of Applicant :212-11, DALCHEON-DONG, BUK- GU, ULSAN METROPOLITAN CITY 683-470 Republic of Korea
(31) Priority Document No	:10-2011- 0070853	
(32) Priority Date	:18/07/2011	
(33) Name of priority country	:Republic of Korea	(72) <b>Name of Inventor :</b> <b>1)NAM, SEUNG-HYUN</b> <b>2)MO, GYU-HYEUN</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a a seat track for vehicle comprising: an upper rail having a horizontal extending part, an outer wall part and an inward horizontal part; a lower rail having a bottom surface part opposite to the horizontal extending part, an inner wall part located inside of the outer wall part, and an outward horizontal part located opposite to the inner horizontal part; a supporting ball being in contact laterally with the outer wall part and the inner wall part and vertically with the inward horizontal part and the outward horizontal part; a retainer holding and supporting the supporting ball through each lateral end part thereof; and a roller supporting the horizontal extending part at its upper end and being supported by the bottom surface part at its lower end to support the slide motion of the upper rail with respect to the lower rail and enables a smooth slide motion of the upper rail. Therefore, a seat track for vehicle can be provided which has excellent operating performance with low noise generation by low sliding friction of the upper rail and which has stable structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2160/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : AIR SUPPLY SYSTEM FOR AIR JET LOOM

(51) International classification

:D03D  
47/00

(31) Priority Document No

:2011-  
122191

(32) Priority Date

:31/05/2011

(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

(71)Name of Applicant :

**1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI**

Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,  
AICHI-KEN Japan

(72)Name of Inventor :

**1)MAKINO, YOICHI**

**2)INAMURA, TAKAHIRO**

(57) Abstract :

An air supply system for an air jet loom includes an air compressor, a plurality of air jet looms, an air supply channel connecting the air compressor to the respective air jet looms, a pressure booster provided in the air supply channel for the air jet loom that requires air pressure that is higher than that of other air jet looms, an information detecting device provided in the air supply channel and detecting data of compressed air, a control device electrically connected to the information detecting device and storing data on saturated water vapor curve and a display device electrically connected to the control device. The control device compares amount of water vapor based on the data detected by the information detecting device with a threshold value and instructs the display device to display a warning message if the amount of water vapor is larger than the threshold value.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4538/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : POWER MANGEMENT SYSTEM FOR DYNAMICALLY LOAD SHARING BETWEEN A SOLAR CELL AND BATTERY

(51) International classification :H02J  
(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)D.RAVI**  
Address of Applicant :No.15 Varma Layout 5th Cross  
Bhuvaneswari Nagar H.A.Fram (Post) Bangalore 560024  
Karnataka India  
(72)**Name of Inventor :**  
**1)D.RAVI**

(57) Abstract :

In view of the foregoing an embodiment herein provides a power management system includes a solar cell a rechargeable battery a load manager circuit a current sensor a micro controller a charger a display unit and DC load. The microcontroller is suitably programmed to control the load manager circuit for dynamically sharing load between the solar cell and battery based on energy level in the solar cell. The microcontroller further calculates the backup time left in the system based on the measured energy level in battery solar cell and load consumption. The calculated backup time is displayed on the display unit thereby enabling the user to switch off the unnecessary loads. The battery is charged from the solar cell via the charger controlled by the microcontroller.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2006/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : BELT CLAMP

(51) International classification	:F16G 1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-124774	<b>1)DAIWA KASEI INDUSTRY CO., LTD.</b>
(32) Priority Date	:03/06/2011	Address of Applicant :1, KKAMIIHIRACHI, HOB0-CHO,
(33) Name of priority country	:Japan	OKAZAKI-SHI, AICHI 444-0004 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ASAI, OSAMU</b>
(87) 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 belt clamp is disclosed in which, for example, a pair of anti-slipping portions are arranged 5on a front surface (a surface provided with a toothed portion) at both ends in width direction of a belt body of a belt of the belt clamp. The pair of anti-slipping portions are disposed at a portion of a distal end of the belt body not having a toothed portion and so as 10 not to overlap with the toothed portion in the width direction.

No. of Pages : 46 No. of Claims : 7

(54) Title of the invention : SMART ACTIVE DYNAMIC RADIATION PATTERN DESIGN FOR MOBILE DEVICE BY SENSING DEVICE PROXIMITY ENVIRONMENT WITH PROPERTY, POSITION ENHANCEMENT AND TO SAVE BATTERY POWER

(51) International classification	:G05D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)PRASAD MUTHUKUMAR</b>
(32) Priority Date	:NA	Address of Applicant :20/66, 2ND STREET,
(33) Name of priority country	:NA	DHARAMANAGAR, SURAMANGALAM, SALEM-5,
(86) International Application No	:NA	TAMIL NADU - 636 005 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)PRASAD MUTHUKUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The smart dynamic radiation pattern optimising system is a design and technique to actively shape & optimise the radiation pattern of mobile device controlled by smart RF/Antenna system with signal processing algorithm that works by sensing the change in 5 device proximity environment particularly with nature or property, direction, range, orientation, position, location, signal quality parameters and ambient intelligence to precisely sense and track the human presence and other proximity environments thereby to enhance RF signal quality, protect user by controlling radiation exposure on user facing direction and to save battery power. Mobile devices are handled in different 10 proximity environment which influence the antenna performance due to electromagnetic interaction based on environments properties that leads to detuning, radiation pattern distortion, impedance mismatch etc which in turn degrades the signal quality. Also change in device orientation according to usage leads to power loss due to polarization mismatch. So when the signal quality degrades the system sense & perform context aware computing in an adaptive closed loop manner to actively optimise the radiation pattern according to scenarios. The design comprise of (a) sensor system 220 to detect the change in proximity [vicinity] environment particularly with precisely sensing its property, sensing multi - direction, dimension, layer, position & range of proximity environment with respect to device, sensing device (antenna) orientation, visual sensing, 20 infrared or thermal vision, user recognition, user head & hand hold effects, location, usage scenarios, operating modes and accordingly generate the trigger signal 230; (b) a processing unit 150 for computing the interrupt control signal 140 according to the nature of trigger signal & existing signal quality parameters; (c) Smart active radiation pattern optimiser 120 that works based on control signal; (d) Antenna system 110 capable of 25 achieving dynamic radiation pattern is coupled with radiation pattern optimiser that actively shapes and controls the radiation pattern accordingly to enhance signal quality, protect the user and also restores radiation according to scenarios to optimise communication. Other aspects of the present invention are the same sensor system 220 is utilised for guiding the user to locate & position the mobile device in living space 30 thereby to achieve optimised performance, protect the mobile device from unauthorised access and with ambient intelligence to alert & interact with the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4546/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ANGIOGRAPHY SURGICAL DRAPE FOR RADIAL AND FEMORAL PROCEDURES

(51) International classification	:A61B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)3M INNOVATIVE PROPERTIES COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :3M CENTERR, POST OFFICE BOX
(33) Name of priority country	:NA	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ARPIT, ASHISH</b>
(87) International Publication No	: NA	<b>2)SRIVASTAVA, ADITYA</b>
(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 surgical drape for employment in a procedure wherein a catheter is inserted into a vein or artery comprising a main sheet portion for covering at least a substantial portion of a patient bearing three fenestrations to provide access to the operative site namely (a) Master fenestration (b) Femoral fenestration (c) radial fenestration, characterized in that, said three fenestrations are aligned in a single plane along a straight line, the distance between the master fenestration and the radial fenestration being at least double (2X) or more relative to the distance between the master fenestration and femoral fenestration (X).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2156/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR MANUFACTURING OPEN SEAM PIPES FROM METAL PLATES

(51) International classification	:B21C 37/00	(71)Name of Applicant : <b>1)SMS MEER GMBH</b> Address of Applicant :OHLERKIRCHWEG 66, 41069 MONCHENGLADBACH Germany
(31) Priority Document No	:10 2011 103.734.2	(72)Name of Inventor :
(32) Priority Date	:31/05/2011	<b>1)THOME, MARIO</b>
(33) Name of priority country	:Germany	<b>2)KOLBE, MANFRED</b>
(86) International Application No	:NA	<b>3)VOCHSEN, JOCHEN</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention pertains to a method and a device for manufacturing open seam pipes (4; 104) from metal plates (3), particularly thick metal plates, wherein a metal plate is fed to a pipe forming press (1), in which it is progressively shaped into the open seam pipe (4: 104) with opposing longitudinal edges that are spaced apart from one another by a gap (11; 111) and subsequently connected by means of a longitudinal welding seam while lying on a lower tool (6), namely by exerting a bending force by means of an upper tool (9) that can be raised and lowered. In order to obtain largely circular open seam pipes (104) with a narrow slot or gap (111), a preliminary open seam pipe with noncircular shape (13) is initially produced by carrying out a reduced deformation in comparison with the other bending steps in at least one bending step, in which the inner side of the metal plate (3) is respectively acted upon to the left and to the right side of a center defined by the longitudinal axis of the upper tool (9) penetrating into the progressively deformed metal plate (3), wherein the finished open seam pipe (104) is subsequently produced by subjecting the noncircular preliminary pipe (13) to an external closing force (F) that purposefully acts in the respective regions (12a, 12b) to both sides of the center that were previously less deformed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2157/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTROL APPARATUS FOR AUTOMATIC TRANSMISSION

(51) International classification	:F16H 3/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-121641	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/05/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)YAGI, NORIYUKI</b>
Filing Date	:NA	<b>2)INAGAWA, YASUSHI</b>
(87) International Publication No	: NA	<b>3)GODAI, SHIROU</b>
(61) Patent of Addition to Application Number	:NA	<b>4)OMOTO, HIROTAKE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a control apparatus for an automatic transmission having multiple speeds constituted by four sets and speed selecting mechanisms corresponding to the four sets, assuming the speeds as seven among eight speeds of A to H in order of gear ratio, the four sets are constituted by a first set of A having a largest gear ratio and C that is next but one; a second set including at least H having a smallest gear ratio; a third set of B and D between two of the first set; and a fourth set including two of E, F and G between the second and third sets, and one of first and second pressure regulators selectively supplies hydraulic pressure to two (60, 66) of the mechanisms corresponding to the first and second sets, while the other thereof selectively supplies hydraulic pressure to two (64, 62) of the mechanisms corresponding to the third and fourth sets.

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2159/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : HADRAULIC PRESSURE SUPPLY APPARATUS FOR TRANSMISSION

(51) International classification	:F16D 31/00	(71) <b>Name of Applicant :</b> <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2- CHOME, MINATO-KU, TOKYO Japan
(31) Priority Document No	:2011- 121641	(72) <b>Name of Inventor :</b> <b>1)YAGI, NORIYUKI</b>
(32) Priority Date	:31/05/2011	
(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	

(57) Abstract :

In an hydraulic pressure supply apparatus for a transmission having an input shaft connected to a drive shaft of a prime mover mounted on a vehicle through a torque converter with a lockup clutch,, it is configured to have a hydraulic pump drawing up and discharging operating oil; a regulator valve regulating discharged pressure to a line pressure; first and second switching valves supplying hydraulic pressure to the first and second clutches; a first hydraulic control valve (80w) supplying the regulated line pressure to the lockup clutch; a third switching valve (80y) connected to an output port of the first hydraulic control valve; and first and second electromagnetic valves (80r, 80s) connected to operating ports of the first, second and third switching valves and adapted to switch among the first, second and third switching valves upon being energized and deenergized.

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4550/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOMOTIVE SWIVEL SEAT MECHANISM

(51) International classification	:B60N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Grafica Design Solutions Pvt. Ltd.</b>
(32) Priority Date	:NA	Address of Applicant :303 2nd Floor Ashok Terrace 100
(33) Name of priority country	:NA	Feet Road Indiranagar Bangalore - 560038 Karnataka India.
(86) International Application No	:NA	Haryana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GULATI Sumit</b>
(61) Patent of Addition to Application Number	:NA	<b>2)GULATI Paramjeet Kaur</b>
Filing Date	:NA	<b>3)AHMED Sameer</b>
(62) Divisional to Application Number	:NA	<b>4)KUTRE Anand</b>
Filing Date	:NA	

(57) Abstract :

The present disclosure provides an automotive swivel seat mechanism for a passenger car vehicle so that the passengers can easy ingress to and egress from the vehicle. The present disclosure provides a swivel mechanism for a vehicle seat having a main assembly fitted to the car seat. It comprises a base frame secured to the floor of the car, a base plate assembly secured to the base frame including a base plate with a slot having a predetermined curvilinear path. A slider assembly is secured to the base frame for moving the vehicle seat over the slot of the base plate and a top plate assembly is configured between the slider assembly and the vehicle seat.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1935/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SAMPLER FOR TAKING SAMPLES FROM MELTS HAVING A MELTING POINT HIGHER THAN 600 DEGREE C, AND METHOD FOR TAKING SAMPLES

(51) International classification	:G01N 1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011	<b>1)HERAEUS ELECTRO-NITE INTERNATIONAL N.V.</b>
(32) Priority Date	101 943.3	Address of Applicant :CENTRUM ZUID 1105, B-3530
(33) Name of priority country	:18/05/2011	HOUTHAIEN Belgium
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)SONG, LIHUAN</b>
(87) International Publication No	:NA	<b>2)BROEKMANS, GERRIT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NEYENS, GUIDO JACOBUS</b>
Filing Date	:NA	<b>4)BEYENS, DRIES</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a sampler for taking samples from melts having a melting point higher than 600°C, in particular for metal or cryolite melts, having a carrier tube having an immersion end and having a sample chamber assembly arranged on the immersion end of the carrier tube, the assembly having an inlet opening and a sample cavity for the melt, and the assembly being arranged at least partly inside the carrier tube, characterized in that the sample chamber assembly has on a part of its outer surface a coupling device, arranged inside the carrier tube, for coupling a carrier lance. In addition, the invention relates to a method for taking samples using such a sampler.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1936/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : BATTERY MONITORING SYSTEM OF ELECTRIC VEHICLE

(51) International classification	:G08C 17/00	(71) <b>Name of Applicant :</b> <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2- CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(31) Priority Document No	:2011- 111327	(72) <b>Name of Inventor :</b>
(32) Priority Date	:18/05/2011	<b>1)WATANABE, YASUTO</b>
(33) Name of priority country	:Japan	<b>2)TATSUTOMI, YOSHIKI</b>
(86) International Application No	:NA	<b>3)HIRAKAWA, MITSUAKI</b>
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 :

[Problem] The present invention aims to transmit the state information of battery with a battery module comprising a plurality of cells to a BMU through a battery case with shielding performance. [Means for Solving Problem] A battery 4 and a VTM 6 are housed in a battery case 70 with an electromagnetic shielding. A BMU 45 with a CPU 451 is housed in a BMU case 71. As a shield wire, a radio guidance wire 72 connects between the battery case 70 and the BMU case 71. The VTM 6 has a protection IC 60 and a Bluetooth chip 61. The protection IC 60 monitors a battery module 4a and a cell 7 and transmits the state information. The Bluetooth chip 61 transmits the state information by radio transmission. The state information transmitted by radio transmission is transmitted to a BMU 45 through the radio guidance wire 72, which a Bluetooth chip 453 receives and is fed to the CPU 451. According to the state information, the CPU 451 detects overcharge, over discharge, overheat level and the like.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1938/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : EXHAUST GAS RECIRCULATION CONTROLLER OF INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D 41/00	(71)Name of Applicant : <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2- CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(31) Priority Document No	:2011- 111326	(72)Name of Inventor : <b>1)SEKITA, KENTARO</b> <b>2)FUJIHARA, KAZUO</b> <b>3)KOJIMA, MITSURU</b> <b>4)TERADA, YASUO</b>
(32) Priority Date	:18/05/2011	
(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	

(57) Abstract :

An exhaust gas recirculation controller of an internal combustion engine includes a control section for controlling an on or off actuator EGR control based on an EGR operating range map using engine speed Ne. Throttle opening TH as parameters for cutting fuel injection during deceleration, etc. of a motorcycle when fuel cut conditions are met The fuel cut conditions are determined by a fuel cut map determined by vehicle speed V, engine speed Ne, and throttle opening TH and are set wherein if the engine speed Ne is below a lower prescribed value NeL, fuel injection cut is ended and fuel injection is resumed. The lowest value NeL of the engine speed Ne constituting the EGR operating range D of the EGR operating range map is set to a higher value than the lower prescribed value NeL of the fuel cut conditions. In addition, the EGR dies not make an operational noise at the start and end of an ERG control operation.

No. of Pages : 55 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4561/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : COST EFFECTIVE POWER GENERATION COMBINED WITH A TWO TIER TRANSPORT SYSTEM USED FOR RAIL AND ROAD TRANSPORT

(51) International classification	:H05K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GEORGE JACOB</b>
(32) Priority Date	:NA	Address of Applicant :ASARIPARAMBIL,
(33) Name of priority country	:NA	THAMPURATTI PARAMBBU ROAD, EDAPPALLY,
(86) International Application No	:NA	COCHIN - 682 024, ERNAKULAM DISTRICT Kerala India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)GEORGE JACOB</b>
(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 method of using solar energy as cost effective and less expensive power generation by effective utilization of land meant for infrastructure development in the form of constructing highways and rail way lines. This invention will be useful in newly constructed roads or highways by installing the solar panels on pillars which in turn provides shade to motorists as well as generate electricity at less cost. Further, this invention will be useful for major infrastnictural projects such as constructing of highways and railway lines simultaneously by adopting the multilayered transport system built on super structures like pillars above 30 ft from ground level thereby the land beneath can be effectively utilized with less environmental impact

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4562/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYS ILLUMINATOR

(51) International classification	:G03F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. AJITH KUMAR V.S.
(32) Priority Date	:NA	Address of Applicant :KUNNIL HOUSE, T.C.11/1266,
(33) Name of priority country	:NA	Y.M.R. JUNCTION NANTHENCODE P.O., TRIVANDRUM
(86) International Application No	:NA	695 003 Kerala India
Filing Date	:NA	2)DR. ARUN KUMAR V.S.
(87) International Publication No	: NA	3)MR. S. RAJAMOHANAN
(61) Patent of Addition to Application Number	:NA	4)MR. T.P. BABY
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)DR. AJITH KUMAR V.S.
Filing Date	:NA	2)DR. ARUN KUMAR V.S.
		3)MR. S. RAJAMOHANAN
		4)MR. T.P. BABY

(57) Abstract :

Sys - illuminator is a Medical Instrument designed to reveal veins in human palms and foot during Intravenous and Intra muscular injections. It is a Cylindrical Rod Shaped designed to fit the Palms And Foot While doing Injection Procedures. The Centre of the Cylindrical rods is designed in an arc shaped curvature to fit the palms and soles. Underlying it 5 LED light sources are fitted in such away to project the light source onto the skin and reveals the shadows of the veins so that the intra venous/intra muscular injection procedures are done smoothly.LED with a single wave length or mixed wave lengths of 550 - 650 nm are used. LED Emitting Red, Yellow Light{ 1-3 W } are used.Power Source used are Batteries of 4.5 V. Applications : Infants, Senile Patients, Patients with thicker adipose layers .Patients whose veins cannot be obviously observed.

No. of Pages : 6 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4563/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : NANO-FERTILIZER FORMULATION FOR SMART DELIVERY OF NITROGEN

(51) International classification	:C05G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TAMIL NADU AGRICULTURAL UNIVERSITY</b>
(32) Priority Date	:NA	Address of Applicant :THE PROFESSOR AND HEAD
(33) Name of priority country	:NA	DEPARTMENT OF TRADE AND INTELLECTUAL
(86) International Application No	:NA	PROPERTY, TAMIL NADU AGRICULTURAL
Filing Date	:NA	UNIVERSITY, COIMBATORE - 641 003 Tamil Nadu India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)DR. K.S. SUBRAMANIAN</b>
Filing Date	:NA	<b>2)C. SHARMILA RAHALE</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This research programme is the first of its kind in which we successfully synthesized particles at the nano-dimension modified in surface to facilitate adsorption of nitrate ions and the modified surface that regulate the release of nutrients slowly, steadily for the extended period of time. The invention is new and innovative due to the fact that the zeolite based nano-fertilizer could release nitrogen upto 1176 hours while in conventional fertilizers the release is ceased to exist in 350 hours. This statement has been proved using the kinetics of nutrient release from nano-fertilizers besides visualization of such adsorption and desorption of nitrate nitrogen by the Scanning Electron Microscope (SEM) and Atomic Force Microscope (AFM). These processes have been eventually helped to extent the Nitrogen Use Efficiency (NUE) to the tune of 74% while it is just 42% for conventional fertilizers. This data were evaluated from a classic elegant experiment using the Percolation Reactor. Thus the data unequivocally demonstrate that nano-zeolite with the dimension of 30-40nm could adsorb nitrate nitrogen effectively and desorbed for an extended period of time which can be exploited to develop nano-fertilizer for smart release of nutrients.

No. of Pages : 25 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4564/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MAINTAINING PROPER PHASE NEUTRAL WIRING IN A POWER SYSTEM

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)AMERICAN POWER CONVERSION</b>
(32) Priority Date	:NA	<b>CORPORATION</b>
(33) Name of priority country	:NA	Address of Applicant :132 FAIRGROUNDS ROAD, WEST
(86) International Application No	:NA	KINGSTON, RHODE ISLAND 02892 U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GHOSH, RAJESH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)AGRAWAL, MAHIMA</b>
Filing Date	:NA	<b>3)TOLAKANAHALLI, PRADEEP</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one aspect, embodiments of the invention provide a method of operating a UPS system, the method comprising receiving, at an input of a first UPS, input power from a power source, generating, with a first analysis circuit, a first signal indicative of a characteristic of the input power, receiving, at the analysis circuit, a second signal from a second analysis circuit of a device coupled to the power source, the second signal indicative of a characteristic of input power received at the second analysis circuit, analyzing, with the analysis circuitry, the first signal and the second signal, determining, whether an improper wiring condition exists at the input, in response to a determination that an improper wiring condition does not exist, providing output power to an output of the first UPS, and in response to a determination that an improper wiring condition does exist, de-energizing the first UPS.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.565/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS FOR PERFORMING KEY CONTROL WITH REDUCED KEY MATRIX PIN COUNT

(51) International classification	:E05B
(31) Priority Document No	:13/334,077
(32) Priority Date	:22/12/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)MEDIATEK INC.**

Address of Applicant :No. 1 Dusing Rd. 1st Science-Based Industrial Park Hsin-Chu Taiwan R.O.C. Taiwan

(72)**Name of Inventor :**

**1)Tzu-Hung Wang**

(57) Abstract :

An apparatus for performing key control includes an integrated circuit (IC) arranged to detect a key press according to some input/output signals of a key matrix where the input/output signals include first input/output signals corresponding to a first direction and second input/output signals corresponding to a second direction. In addition the IC includes a plurality of first pins and a plurality of second pins for transmitting the first and the second input/output signals respectively. In particular during the detection of the key press the IC controls at least one first pin of the first pins to be in an output mode and controls the second pins to be in an input mode in a first time period and controls at least one second pin of the second pins to be in an output mode and controls the first pins to be in an input mode in a second time period.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1685/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : BARREL INCLUDING AN ADDITIONAL ELASTIC MEANS OF ACCUMULATING ENERGY

(51) International classification	:G04B 1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11164624.6	<b>1)NIVAROX-FAR S.A.</b>
(32) Priority Date	:03/05/2011	Address of Applicant :AVENUE DU COLLEGE 10, 2400
(33) Name of priority country	:EPO	LE LOCLE Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHARBON, CHRISTIAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a barrel (11, 21) including a box (13, 23) for receiving a pivot arbour (15, 25) and at least one spring (17, 27, 37, 47, 57, 77), wherein said at least one spiral spring is mounted between the internal wall of the box (13, 23) and the external wall of the pivot arbour (15, 25), and can be wound to supply mechanical energy. According to the invention, the barrel (11, 21) further includes a device (12, 22, 22) for increasing the torque of said at least one spring including additional elastic energy accumulating means (14, 24, 24) provided in addition to the spiral shape of said at least one spring, said elastic means being added to said at least one spring so that the barrel torque (11, 21) is personalised according to the winding tension of said at least one spring. The invention concerns the field of timepieces.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8025/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : BREAST PUMP INSERT

(51) International classification :A61M 1/06

(31) Priority Document No :09157456.6

(32) Priority Date :07/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051411

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 :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)GOTTENBOS Bart**

**2)THILWIND Rachel E**

**3)JANSSEN Jozef J. M.**

**4)VAN LIESHOUT Marjolein I.**

(57) Abstract :

A breast pump insert to receive the breast of a user of a breast pump is disclosed. The insert is formed from inner and outer materials wherein the outer material exhibits greater hardness than the inner material.

No. of Pages : 9 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LUMINESCENT CONVERTER FOR A PHOSPHOR-ENHANCED LIGHT SOURCE

(51) International classification :C09K 11/77

(31) Priority Document No :09157430.1

(32) Priority Date :06/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051405

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 :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)STAATS Cornelia T.**

**2)VAN DIJK Gerardus A. R.**

**3)WEGH Rene T.**

**4)VAN DE SPIJKER Willibrordus H. M. M.**

**5)PEETERS Martinus P. J.**

(57) Abstract :

The invention relates to a luminescent converter (10 12) for a phosphor-enhanced light source (100 102 104). The luminescent converter comprises a first luminescent material (20) configured for absorbing at least a part of excitation light (hv0) emitted by a light emitter (40 42) of the phosphor-enhanced light source and for converting at least a part of the absorbed excitation light into first emission light (hv1) comprising a longer wavelength compared to the excitation light. The luminescent converter further comprising a second luminescent material (30) comprising organic luminescent material (30) and configured for absorbing at least a part of the first emission light emitted by the first luminescent material and for converting at least a part of the absorbed first emission light into second emission light (hv2) having a longer wavelength compared to the first emission light.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8027/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : HID LAMP IGNITOR

(51) International classification :H05B 41/04

(31) Priority Document No :61/166864

(32) Priority Date :06/04/2009

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

(86) International Application No :PCT/IB2010/051065

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

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)TUMULA Naveen**

**2)CHEN Yimin**

**3)JANCZAK Jerzy**

**4)JANSEN Joseph Christian**

(57) Abstract :

An HID lamp ignitor for a lamp including a transformer (92) having a primary winding (94) inductively coupled to a secondary winding (96) operably connected to a lamp output (98); a first switch circuit (100) operably connected between DC voltage (102) and a junction point (104), the first switch circuit (100) being responsive to a first switch signal (112); a second switch circuit (120) operably connected between the junction point (104) and common (124), the second switch circuit (120) being responsive to a second switch signal (132); and an LC tank circuit (140) having the primary winding (94) operably connected in series with a capacitor (142), the LC tank circuit (140) being operably connected between the junction point (104) and the common (124). The first switch signal (112) alternates with the second switch signal (132) to close the first switch circuit (100) and the second switch circuit (120).

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTROLLING A SHADING DEVICE BY MEANS OF IMAGE RECOGNITION

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:E06B 9/24 :09157457.4 :07/04/2009 :EPO :PCT/IB2010/051094 :15/03/2010 : NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72) <b>Name of Inventor :</b> <b>1)ACKERMANN Bernd</b>
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(57) Abstract :

The invention describes a system for controlling a shading device with a plurality of controllable shading elements. To provide a system for controlling a shading device which reduces direct sunlight transmission and enhances thermal comfort and lighting conditions the system comprises at least one detector unit for providing an image signal of a shading area and a control unit (5) being configured to receive said image signal determine from said signal whether a characteristic pattern is present in said shading area and in case said characteristic pattern is determined control said shading elements to reduce said characteristic pattern.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8029/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A MENU DISPLAY

(51) International classification :G06F 3/048

(31) Priority Document No :09157378.2

(32) Priority Date :06/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051366

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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(72)Name of Inventor :

**1)LI Rui**

(57) Abstract :

A method of generating a menu display (203) the method comprising the steps of: selecting a plurality of menu items (205\_1 205\_2 205\_3 205\_4) from a plurality of candidate menu items the candidate menu items being arranged in a plurality of hierarchical levels on the basis of most frequently used menu items and most difficult to access menu items within the plurality of hierarchical levels; and displaying the selected menu items simultaneously.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A TEMPERATURE SENSOR FOR BODY TEMPERATURE MEASUREMENT

(51) International classification :G01K 1/14  
(31) Priority Document No :09157392.3  
(32) Priority Date :06/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051418  
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)KLEWER Jasper**  
**2)CHEUNG Amy O. M.**  
**3)VAN PIETERSON Liesbeth**  
**4)BAKKERS Erik P. A. M.**

(57) Abstract :

This invention relates to a temperature sensor for body temperature measurements. The temperature sensor is made of several layers, where a first layer has a central heater embedded therein, a second layer which is attached to the first layer has at least one first thermistor embedded therein for measuring a first temperature value, a third layer has at one ore second thermistor embedded therein separated from the first thermistor for measuring at least one second temperature value, but this third layer is adapted to be in contact to the skin of the surface of the body for conducting the heat escaping from the body through the layers. The difference between the first and the second temperature values indicates the heat flux from the body. The heat emitted from central heater is tuned oppositely to the heat flux until a zero heat flux is reached, where the temperature at the at least one second thermistor at zero heat flux indicates the body temperature. These layers are fabric layers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8031/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR THE DETECTION AND CHARACTERIZATION OF A TOXINOGENIC CLOSTRIDIUM DIFFICILE STRAIN

(51) International classification :C12Q 1/68  
(31) Priority Document No :09157547.2  
(32) Priority Date :07/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051396  
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

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(72)Name of Inventor :  
**1)VAN DER BOGAARD Patrick T. C.**  
**2)VISSER Astrid E.**

(57) Abstract :

The invention relates to a method for the detection and characterization of a toxinogenic Clostridium difficile strain in a sample wherein the following steps are performed (i) a sample is provided for (ii) in a multiplex PCR assay (iii) the sample is analyzed with respect to the presence or absence of the cytotoxin tcdB gene (iv) the sample is analyzed with respect to the presence or absence of one or more of the following deletions in the tcdC gene: (a) an 18 bp deletion in SEQ ID NO. 1 from nucleotide 330 to nucleotide 347 (b) a 36 bp deletion in SEQ ID NO. 1 from nucleotide 301 to nucleotide 336 (c) a 39 bp deletion in SEQ ID NO. 1 from nucleotide 341 to nucleotide 370 (d) a 54 bp deletion in SEQ ID NO. 1 from nucleotide 313 to nucleotide 366 and (e) a single nucleotide deletion at position 117 of SEQ ID NO. 1. The invention also relates to respective kits and primers and probes.

No. of Pages : 33 No. of Claims : 11



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8032/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : VALVELESS DRUG DELIVERY DEVICE

(51) International classification :A61M 5/142  
(31) Priority Document No :61/167238  
(32) Priority Date :07/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051429  
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

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)SHIMIZU Jeff**  
**2)ZOU Hans**  
**3)DIJKSMAN Johan Frederik**

(57) Abstract :

A drug delivery device (10) comprising a drug reservoir (13) at least one dispensing hole (14) an actuator system (17) and an exit path (15). The drug reservoir (13) is provided for comprising a drug. The dispensing hole (14) delivers the drug to an environment of the drug delivery device (10) when the actuator system (17) pushes the drug from the drug reservoir (13) through the dispensing hole (14). The exit path (15) couples the drug reservoir (13) to the dispensing hole (14). The exit path (15) comprises at least one entry point (16) for coupling the exit path (15) to the drug reservoir (13) and is arranged in such a way that for any possible orientation of the drug delivery device (10) at least a part of the exit path (15) is situated above the gravity center of said drug reservoir or below the dispensing hole (14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1983/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : HEATING METHOD AND SYSTEM FOR CONTROLLING AIR INGRESS INTO ENCLOSED SPACES

(51) International classification	:F23D14/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/112,081	<b>1)AIR PRODUCTS AND CHEMICALS, INC.</b>
(32) Priority Date	:20/05/2011	Address of Applicant :7201 HAMILTON BOULEVARD,
(33) Name of priority country	:U.S.A.	ALLENTOWN,PA 18195-1501 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WANG, JINGHONG</b>
(87) International Publication No	: NA	<b>2)HE, XIAOYI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CAO, JIN</b>
Filing Date	:NA	<b>4)SLAVEJKOV, ALEKSANDAR, GEORGI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heating method for heating vessels, the vessels having enclosed spaces therein and controlling air ingress into the enclosed spaces through gaps. The method includes providing a lid structure for the vessel having the enclosed space, the lid structure having a burner assembly mounted therein. The burner is configured to provide a predetermined flame diameter. The vessel and lid structure are mated such that the gap is formed between the vessel and the lid structure. Fuel and oxidant are discharged from the burner assembly under conditions to provide the predetermined flame diameter and impart a flame velocity sufficiently large to create an outward gas flow from the enclosed space through the gap and control air ingress.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4520/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SKIN CARE FORMULATION FOR INSTANTANEOUS TREATMENT OF VIRAL-INDUCED SKIN LESIONS AND METHOD OF USING THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)KANEKAL SURESH KUMAR DUSHYANTH</b>
(32) Priority Date	:NA	Address of Applicant :E-1-15/2, 1ST CROSS, SYNDICATE
(33) Name of priority country	:NA	BANK COLONY, AREKERE GATE, BANNERGHATTA
(86) International Application No	:NA	ROAD, BANGALORE - 560 076 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)KANEKAL SURESH KUMAR DUSHYANTH</b>
(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 pharmaceutical compositions for the treatment of skin diseases which is provided as cream. In general the composition is used for the topical treatment of warts, moles, skin tags, keloids, syringomas, milia, actinic keratosis and other skin conditions thereof. Specifically, the present invention relates to pharmaceutical compositions for the treatment of warts and moles, comprising: 0.25% to 1% of lemon oil; 3% to 9% of caustic soda; 4% to 7% of mineral oil; 11% to 12% of tea tree oil; 46% to 50% of lime powder and 26% to 29% of water as volume percentages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8123/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHTING DEVICE

(51) International classification :H05B 37/02  
(31) Priority Document No :09157587.8  
(32) Priority Date :08/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051378  
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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(72)**Name of Inventor :**  
**1)SCHENK Tim C. W.**  
**2)DEIXLER Peter**  
**3)FERI Lorenzo**

(57) Abstract :

It is presented a lighting device (2) arranged to embed light quality data in light emanating from the lighting device. The light quality data pertains to a status of the lighting device (2) e.g. with respect to its end of operational life. The light may be detected by a monitoring device (3) external to the lighting device (2). The monitoring device (3) can then help to determine the status of the lighting device (2) whereby maintenance operations of the lighting device (2) may be carried out. Maintenance personnel may thus replace lighting devices and/or light sources in need of maintenance as indicated by the status of each lighting device before any lighting device in the system has reached an end of operational life.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : WIRELESS REMOTE CONTROLLED DEVICE SELECTION SYSTEM AND METHOD

(51) International classification :G08C 17/02

(31) Priority Document No :09157582.9

(32) Priority Date :08/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051419

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

(71)Name of Applicant :

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(72)Name of Inventor :

**1)FERI Lorenzo**

**2)TALSTRA Johan C.**

**3)PENNING DE VRIES Hendricus T. G. M.**

**4)RIETMAN Ronald**

(57) Abstract :

The invention relates to a wireless remote controlled device selection system for selecting devices. Signal processing provides information for a remote control device. This information is indicative of the angle between the remote control device and the various devices from which a device should be selected. By analyzing the angular deviations the desired device can be selected.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8125/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PREPARATION OF THIN LAYERS OF FLUID FOR ANALYSIS

(51) International classification	:B01L 3/00	(71)Name of Applicant :
(31) Priority Document No	:09305306.4	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:09/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051537	(72)Name of Inventor :
Filing Date	:09/04/2010	<b>1)WIMBERGERFRIEDL Reinhold</b>
(87) International Publication No	: NA	<b>2)WILLARD Nicolaas Petrus</b>
(61) Patent of Addition to Application	:NA	<b>3)CAMPS Ivo Godfried Jozef</b>
Number	:NA	<b>4)LAUBSCHER Markus</b>
Filing Date	:NA	<b>5)PETERS Emiel</b>
(62) Divisional to Application Number	:NA	<b>6)PICIU Oana</b>
Filing Date	:NA	

(57) Abstract :

Apparatus for producing thin layers of a fluid sample for analysis has a two dimensional array of analysis chambers (45) and a branching pattern of entry channels (25) coupled to the array to enable the analysis chambers to be filled in parallel. The analysis chambers are planar with a height less than that of the entry channels so as to produce the thin layers when filled with the fluid sample. The array enables more spacers between chambers in a given area so that variations in height of the chambers can be reduced while still enabling fast filling of the chambers. The analysis chambers can be suitable for capillary filling by a specified fluid sample such as blood.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2064/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04N 21/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011120395	<b>1)SONY CORPORATION</b>
(32) Priority Date	:30/05/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MAKOTO MURATA</b>
(87) International Publication No	: NA	<b>2)MASATOMO KURATA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KOJI SATO</b>
Filing Date	:NA	<b>4)NAOKI SHIBUYA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is an information processing apparatus including a metadata acquisition unit for acquiring section metadata indicating an appearance section of each target object appearing in a video, a section information display unit for displaying, using the section metadata, section information visually expressing a section in which each target object appears among all sections constituting the video, and a reproduction control unit for causing to be reproduced, in a case one section is selected by a user from sections displayed as pieces of section information regarding a certain target object, a video frame of the selected section.

No. of Pages : 123 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4528/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM OF TRANSMITTING VIDEO DATA TO USER EQUIPMENTS IN A WIRELESS COMMUNICATION ENVIRONMENT

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INTERNATIONAL INSTI-TUTE OF INFORMATION</b>
(32) Priority Date	:NA	<b>TECHNOLOGY-</b>
(33) Name of priority country	:NA	Address of Applicant :26/C Electronic City Hosur Road
(86) International Application No	:NA	Bangalore 560 100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)KALLE Ritesh Kumar</b>
(61) Patent of Addition to Application Number	:NA	<b>2)NANDAN Amar Kumar</b>
Filing Date	:NA	<b>3)DAS Debabrata (Dr.)</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for scheduling video data to user equipments in a wireless communication environment. In one embodiment a method includes predicting a number of incoming video frames based on statistical data of video frames being transmitted to user equipment. The method also includes generating a transmission schedule based on the number of incoming video frames. Further the method includes estimating sleep duration associated with the user equipment based on the transmission schedule. Furthermore the method includes communicating the sleep duration to the user equipment so that the user equipment enters a sleep mode for the sleep duration to conserve battery power. Moreover the method includes scheduling video data to the user equipment over one or more transmission frames based on the transmission schedule.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4533/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTEGRATED WIRELESS MODULES FOR SWITCHING APPARATUS

(51) International classification	:H01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Mr. Deepak Nair</b>
(32) Priority Date	:NA	Address of Applicant :#48 1st A main 6th Cross Balaji
(33) Name of priority country	:NA	Nagar D R College Post Bangalore - 29 Karnataka India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Mr.Deepak Nair</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In view of the foregoing an embodiment herein provides a wireless switch module comprises of plurality of mechanical switches a wireless microcontroller DC power supply and one or more electrical switches wherein the electrical switches 204 are connected to AC line and the mechanical switches are connected to DC power supply. Further a portable electronic device [not shown] is provided with suitably programmed to communicate with the wireless microcontroller for remotely controlling the electrical switches which in turn to make ON/OFF of various electrical appliances connected to the wireless switch assembly. Therefore the wireless microcontroller can control the electrical switches based on the input command received from the mechanical switches and/or from the portable electronic device. Accordingly based on the input command the wireless microcontroller can enable to switch ON or OFF the electrical switch and to provide or stop AC line to an electrical appliance selected by a user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8142/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SCAVENGING OXYGEN\*

(51) International classification :B65D 51/24  
(31) Priority Documen No :61/167,919  
(32) Priority Date :09/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/EP2010/054733  
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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**2)RULE Mark**  
**3)OVEREND Andrew Stuart**  
**4)LEEMING Christine**  
**5)TATTUM Steven Burgess**

(57) Abstract :

A closure 40 for a container body includes a liner 46 which incorporates a hydrogen generating device comprising a hydride which generates hydrogen on contact with moisture. The liner may be an interference fit within the body 42. The liner 46 and other liners described may include control means for controlling passage of moisture to the hydrogen generating means and/or sealing means for sealing the closure to a container. In use with the closure secured to a container water vapour passes into liner 46 and contacts the hydride which generates hydrogen. A reaction between hydrogen and oxygen which has passed into the container takes place catalysed by a catalyst and water is produced. Thus oxygen is scavenged.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING FEEDBACK TO A SUBJECT REGARDING RECEPTION OF POSITIVE AIRWAY SUPPORT THERAPY

(51) International classification :A61B 5/087

(31) Priority Document No :61/167559

(32) Priority Date :08/04/2009

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

(86) International Application No :PCT/IB2010/051115

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)BONNELL Thomas**

**3)WITT Erik Kurt**

**4)KEPLER Jeffery Lynn**

(57) Abstract :

A system and method provide feedback to a subject regarding compliance to a positive airway pressure support therapy regime. The feedback is provided to the subject in real-time (or near real-time). The feedback indicates to the subject whether a usage goal has been achieved. The usage goal may be dynamically and adaptively determined based on past usage by the subject. This may facilitate the automatic generation of usage goals for the subject that are realistic and gradually increase the compliance of the subject over time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8127/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING PULMONARY CONGESTION

(51) International classification :A61B 5/08

(31) Priority Document No :61/167560

(32) Priority Date :08/04/2009

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

(86) International Application No :PCT/IB2010/051116

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

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)PITTMAN Stephen Dalton**

**2)WITT Erik Kurt**

**3)MECHLENBURG Douglas**

(57) Abstract :

A system and method are implemented to identify pulmonary congestion in a subject. The system and method detect pulmonary congestion in a subject based on one or more parameters of the breathing of the subject. The detection of pulmonary congestion in the subject may be relatively passive for the subject. This may enhance the convenience and/or comfort of compliance to a detection regime by the subject. By detecting pulmonary congestion in the subject potential episodes of heart failure may be identified and/or averted. The system and method may be configured to facilitate treatment of the subject to remediate detected pulmonary congestion and/or avert potential episodes of heart failure. For example the system may provide enhanced access for a caregiver to detections of parameters related to pulmonary congestion in the subject.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE AND USER AUTHENTICATION

(51) International classification :G06F 19/00  
(31) Priority Document No :09157811.2  
(32) Priority Date :10/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051448  
Filing Date :02/04/2010  
(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 :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)ASIM Muhammad**  
**2)GUAJARDO MERCHAN Jorge**  
**3)PETKOVIC Milan**

(57) Abstract :

A method of authenticating a device and a user comprises obtaining a device ID for the device performing a biometric measurement of the user obtaining helper data for the user and generating a key from the biometric measurement and helper data. There is then generated a message comprising the key or a component derived from the key which transmitted to a remote service and at the service there is carried out the step of authenticating the device and the user with the message. In a preferred embodiment the generating of the key further comprises generating the key from the device ID.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8129/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTELLIGENT LIGHTING CONTROL SYSTEM

(51) International classification :H05B 37/02

(31) Priority Document No :61/168142

(32) Priority Date :09/04/2009

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

(86) International Application No :PCT/IB2010/051358

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 :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)KLUSMANN Donald Louis**

**2)MURPHY Michael Shawn**

(57) Abstract :

Multiple control modules (14 16 18) provide various power control functions including occupancy sensing ambient light level sensing manual touch switch (push button) preset stations light dimming and power control relay switching. The control modules (14 16 18) are interconnected in a conventional four-wire local area network for executing different power control functions in response to remote wireless commands as well as preset manual switch commands at the wall box level. The local area network (12) supplies DC operating power and communicates programming command and control module status information signals to all network control modules (14 16 18). One or more control modules (14 16 18) include an infrared signal sensor a laser signal sensor a signal decoder a data microcontroller a parameter lookup table and multiple light emitting diodes (LEDs).

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PERCOLATION MACHINE FOR PRODUCING BEVERAGES

(51) International classification :A47J 31/057  
(31) Priority Document No :FI2009A000075  
(32) Priority Date :09/04/2009  
(33) Name of priority country :Italy  
(86) International Application No :PCT/IB2010/051471  
Filing Date :06/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)DE PRA Dario**

(57) Abstract :

The machine comprises: a bearing structure; a housing (9) for a carafe (11); a water reservoir (33); a heating member (21); a filter containment compartment (37) with a lower opening for discharging the beverage towards an underlying carafe; a conduit (23 25) for supplying water from the water reservoir to the heating member (21) and from this one to the filter containment compartment. The water reservoir and the filter containment compartment are integrated in a member (17) removable from the bearing structure. The removable member can be inserted in a seat (15) implemented in said bearing structure above said housing for the carafe.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4551/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SECURED COMMUNICATION OF CONTROL INFORMATION IN AWIRELES NETWORK ENVIRONMENT

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India Haryana India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)AGIWAL Anil</b>
Filing Date	:NA	<b>2)KANG Hyunjeong</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for securely communicating control information in a wireless network environment. When a transmitting station has to transmit control information to a receiving station, the transmitting station determines whether the control information belongs to first type or second type. If the control information is the second type of control information, the transmitting station secures the second type of control information using a counter value, a CMAC value and security keys computed for protecting the second type of control information. Upon securing the control information, the transmitting station transmits the secured control information to a receiving station.

No. of Pages : 56 No. of Claims : 59



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4552/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR IDENTIFYING FAKE 3G/LTE NETWORKS

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)AALLA Kedar Santosh Kumar</b>
Filing Date	:NA	<b>2)KOSHTA Nirlesh Kumar</b>
(62) Divisional to Application Number	:NA	<b>3)RAO Prakash</b>
Filing Date	:NA	<b>4)MISHRA Siddharth</b>

(57) Abstract :

Method for identifying fake 3G/LTE networks is disclosed. Identification of genuine networks from fraudulent network is an important aspect of wireless communication. The proposed method also helps to evade the problem case in current implementation where a genuine 3G network is barred by UE as a result of non receipt of second authentication failure. In the implementation method the UE immediately stops the failure indication timer on the event of authentication failure at the UE. Further the UE maintains a count of the number of failures resulting at every cell of the network. When this count exceeds a pre-configured value then the corresponding cell may be barred by the UE. This method ensures that no cell is barred due to false indication or fake networks trying to impersonate on the genuine network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4553/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR REDUCING POWER CONSUMPTION IN LTE USER EQUIPMENT

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SAMSUNG INDIA SOFTWARE OPERATIONS**

**PRIVATE LIMITED**

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Bangalore 560093 Karnataka India

(72)Name of Inventor :

**1)MANEPALLI Venkateswara Rao**

(57) Abstract :

System and method for reducing power consumption in LTE networks is disclosed. The UE is configured for sending an indication to the element of the network .i.e. eNode B regarding the data transmission status at the UE. The indication is sent in the form of MAC protocol message to the eNode B. On receiving the indication the eNode B decodes the message to determine the Buffer Status Report (BSR) in the MAC message. The eNode B then identifies the status of the UE and determines that the UE is no longer involved in data activity and thus takes the required action to reduce power consumption at the UE. The action may include modifying the DRX parameters or releasing the RRC connection or transferring the UE into idle state of DRX where the power consumed by the UE is minimal. The power consumption is thus minimized by the method.

No. of Pages : 18 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SCAVENGING OXYGEN\*

(51) International classification :B65D 51/24

(31) Priority Document No :61/167,923

(32) Priority Date :09/04/2009

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

(86) International Application :PCT/GB2010/050609

No Filing Date :08/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)COLORMATRIX HOLDINGS INC.**

Address of Applicant :Corporation Service Company 2711  
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(72)Name of Inventor :

**1)CARMICHAEL Adrian**

**2)OVEREND Andrew Stuart**

**3)RULE Mark**

**4)VALUS Ronald James**

**5)LEEMING Christine**

**6)TATTUM Steven Burgess**

(57) Abstract :

A closure (40) includes a body (42) with a screw threaded portion (44) for engaging the closure with a container for example a bottle. Inwards of portion (44) is a liner (46) comprising a hydrogen generating device wherein the liner includes one layer (48) which incorporates a hydride dispersed in a polymeric matrix and on opposite sides of layer (48) are arranged PET layers (50 52). Layer (50) is arranged to act as a control layer to control the rate of passage of water vapour from the beverage in the container to the hydride containing layer (48) and thereby control generation of hydrogen by the hydrogen generating device. In use water vapour passes through layer (50) and contacts the hydride associated with layer (48) which results in production of molecular.....

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4567/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A DEVICE TO SUSTAIN FUNCTIONALITY OF AN ELECTRICAL ACCESSORY IN A VEHICLE DURING POWER FLUCTUATIONS

(51) International classification	:G10D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	<b>2)ROBERT BOSCH GMBH</b>
(87) International Publication No	: NA	<b>3)RAGHAVENDRA S K</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DINESH ROY L</b>
(62) Divisional to Application Number	:NA	<b>2)RAGHAVENDRA S K</b>
Filing Date	:NA	

(57) Abstract :

The invention discloses a device (10) to sustain functionality of an electrical accessory (22) in a vehicle during voltage fluctuations. The voltage fluctuations are typically caused during the cranking of the engine in the vehicle. The device (10) comprises a booster (12) and a switching unit (14). The device 10 boosts the voltage on the secondary power supply lines (24, 26) on detection of the voltage fluctuations on the power supply lines (16, 18). The device provides a boosted control signal on a control line (28) to the accessory (22) during the voltage fluctuations on the power supply lines (16, 18).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4568/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METAL FREE CATALYSTS FOR THE RING OPENING POLYMERIZATION OF CYCLIC ESTERS AND LACTIDE

(51) International classification	:C08G	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS</b>
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DEBASHIS CHAKRABORTY</b>
(87) International Publication No	: NA	<b>2)PAYAL MALIK</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAVIKUMAR RAME GOWDA</b>
Filing Date	:NA	<b>4)VENKATACHALAM RAMKUMAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for synthesizing a environmentally benign biodegradable high number average molecular weight Mn polymer and product thereof. The process comprises of reacting a monomer selected from the group comprising of lactides or lactones with an active metal free catalyst and benzyl alcohol. The active metal free catalyst employed in the present invention have a general formula (1) Wherein R1 may be NH2 or - OEt R2 may be - OEt or - Oph

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4569/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ACCUMULATOR FOR A REFRIGERANT RECOVERY AND RECHARGE DEVICE

(51) International classification

:F25B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

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HOSUR ROAD, KORAMANGALA, BANGALORE - 560 095  
Karnataka India

**2)ROBERT BOSCH INDIA LIMITED**

**3)ROBERT BOSCH GMBH**

(72)Name of Inventor :

**1)RAJESH KASHYAP**

**2)VENKATESH G K**

(57) Abstract :

An accumulator for a refrigerant recovery and recharge device is disclosed. The accumulator is adapted to be fitted into a manifold block in the refrigerant recovery and recharge device. The accumulator comprises a body, a flange and an end cap. The body comprises a first end adapted to be fitted in the manifold block. The flange located at the first end the body is adapted to fit in the body to the manifold block and an end cap is removably fitted to a second end of the body.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4571/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METAL FREE CATALYSTS FOR THE RING OPENING POLYMERIZATION OF CYCLIC ESTERS AND LACTIDE

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS</b>
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DEBASHIS CHAKRABORTY</b>
(87) International Publication No	: NA	<b>2)PAYAL MALIK</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAVIKUMAR RAME GOWDA</b>
Filing Date	:NA	<b>4)VENKATACHALAM RAMKUMAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a polymerization process of preparing environmentally benign biodegradable polymer employing metal free catalyst and product thereof. The process for ring opening polymerization of a lactide or lactone monomer, comprises of reacting the monomer with an active metal free catalyst to form the corresponding polymer with high number average molecular weight Mn. The active metal free catalyst employed in the present invention have a general formula (1) wherein R may be H or 4-Cl or 4-OMe.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8194/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE FOR TIME CONTROLLED FLUORESCENCE DETECTION

(51) International classification :G01N 21/64

(31) Priority Document No :09157917.7

(32) Priority Date :15/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051485

Filing Date :06/04/2010

(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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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)FISH David A.**

(57) Abstract :

The present invention provides a device for DNA sequencing comprising DNA base calling at an early stage in the detection and processing of time controlled fluorescence detection for DNA sequencing applications.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8195/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A GAS-FREE FLUID CHAMBER

(51) International classification :B01L 3/00  
(31) Priority Document No :09157958.1  
(32) Priority Date :15/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051524  
Filing Date :08/04/2010  
(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 :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)BOUMA Peter H.**  
**2)GEIJSELAERS Martinus L. J.**

(57) Abstract :

A Gas-free Fluid chamber for PCR. The present invention relates to a device with a fluid chamber suitable for performing a polymerized chain reaction for gas-free filling. Such devices may be used in the field of e.g. molecular diagnostics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1802/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : BATTERY RESIDUAL CAPACITY ESTIMATE DEVICE OF ELECTRIC VEHICLE

(51) International classification	:H02J 7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-106295	<b>1)HONDA MOTRO CO., LTD.</b>
(32) Priority Date	:11/05/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)IKUI, KUNIAKI</b>
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 :

[Problem] The present invention aims to estimate a battery residual capacity based on a discharge current value and a voltage value without using a current sensor. [Means for Solving Problem] A duty ratio depending on a grip opening angle  $\theta$  is predetermined on a duty map 48. Simultaneously, a current value when the motor 18 is turned on electricity is determined on a discharge current map 49 at a voltage value determined by the duty ratio. A residual capacity map 51 is determined to output a battery residual capacity based on a current value searched from the discharge current map 49 and a measured voltage value. A full charge capacity, which is a base value for calculating the residual capacity, is predetermined as a discharged electric energy capacity when a discharge voltage during the discharge of a battery 4 at a predetermined current value is equal to the predetermined discharge terminal voltage. The residual capacity map 51 determines a value as the battery residual capacity, which subtracts a voltage actually fed into the motor 18 and an estimate electric power capacity based on the current value simultaneously calculated by the discharge current map 49 from a full charge capacity.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1803/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF PRODUCING SEMICONDUCTOR MODULE AND SEMICONDUCTOR MODULE

(51) International classification	:H01L 21/00	(71) <b>Name of Applicant :</b> <b>1)SHARP KABUSHIKI KAISHA</b> Address of Applicant :22-22, NAGAIKE-CHO, ABENO- KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2011- 108159	(72) <b>Name of Inventor :</b>
(32) Priority Date	:13/05/2011	<b>1)SAKAI, TAKAS</b>
(33) Name of priority country	:Japan	<b>2)MURAKAMI, MASAHIRO</b>
(86) International Application No	:NA	<b>3)KUSHINO, MASAHIKO</b>
Filing Date	:NA	<b>4)AMANO, YOSHIHISA</b>
(87) International Publication No	: NA	<b>5)TOKUNO, SHINICHI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to securely ground an exterior shield and reduce burden imposed on a dicing blade and the exterior shield, a method of producing a semiconductor module comprises a hole-forming step of forming a hole 30 extending from a top surface of a sealing resin layer 3 to a ground wiring 111 (112) provided at a collective substrate 100, a film-forming step of forming an electrically conductive film made of an electrically conductive material so as to cover at least the top surface of the sealing resin layer 3, an internal surface of the hole 20, and the ground wiring 111 (112), and a separation step of separating from each other a plurality of individual module sections which the individual module section comprises.

No. of Pages : 102 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8252/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRETARGETING KIT&NBSP; METHOD AND AGENTS USED THEREIN

(51) International classification :A61K 47/48

(31) Priority Document No :09158058.9

(32) Priority Date :16/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051565

Filing Date :12/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)ROBILLARD Marc S.**

**2)ROSSIN Raffaella**

**3)LUB Johan**

**4)RENART VERKERK Pascal**

**5)BURDINSKI Dirk**

(57) Abstract :

Described is a pretargeting method and related kits for targeted medical imaging and/or therapeutics wherein use is made of abiotic reactive chemical groups that exhibit bio-orthogonal reactivity towards each other. The invention involves the use of [4+2] inverse electron demand (retro) Diels-Alder chemistry in providing the coupling between a Pre-targeting Probe and an Effector Probe. To this end one of these probes comprises an electron-deficient tetrazine or other suitable diene and the other a cyclooctene or cyclooctyne.

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8253/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRETARGETING KIT&NBSP; METHOD AND AGENTS USED THEREIN

(51) International classification :A61K 47/48

(31) Priority Document No :09158059.7

(32) Priority Date :16/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051547

Filing Date :12/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)ROBILLARD Marc S.**

**2)ROSSIN Raffaella**

**3)LUB Johan**

**4)RENART VERKERK Pascal**

**5)BURDINSKI Dirk**

(57) Abstract :

Described is a pretargeting method and related kits for targeted medical imaging and/or therapeutics wherein use is made of abiotic reactive chemical groups that exhibit bio-orthogonal reactivity towards each other. The invention involves the use of [4+2] inverse electron demand (retro) Diels-Alder chemistry in providing the coupling between a Pre-targeting Probe and an Effector Probe. To this end one of these probes comprises an electron-deficient tetrazine or other suitable diene and the other an alkene or alkyne dienophile.

No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2034/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : HEATING APPARATUS

(51) International classification	:C21B 9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/115,184	<b>1)LINDE AKTIENGESELLSCHAFT</b>
(32) Priority Date	:25/05/2011	Address of Applicant :KLOSTERHOFSTR. 1, 80331,
(33) Name of priority country	:U.S.A.	MUNICH Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CAMERON, ANDREW, M.</b>
(87) International Publication No	: NA	<b>2)VISCONTI, KELLY, T.</b>
(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 heating a blast furnace stove having a combustion region and a combustion gas outlet associated with the combustion region includes a source of lower calorific value fuel; a first pipeline for supplying the lower calorific value fuel to the combustion region; a source of air; a second pipeline for supplying the air to the combustion region; a source of oxidant comprising at least 85% by volume of oxygen; a third pipeline to supply the oxidant to the combustion region; a fourth pipeline communicating with the combustion gas outlet for conducting combustion gas away from the stove; and a fifth pipeline operable to recirculate combustion gas to the combustion region. The apparatus may operate in different modes according to which of the pipelines are placed in communication with the combustion region.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2035/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS FOR TAKING OFF AND DRAWING A SYNTHETIC YARN

(51) International classification	:D01D 13/00	(71) <b>Name of Applicant :</b> <b>1)OERLIKON TEXTILE GMBH &amp; CO. KG</b> Address of Applicant :LEVERKUSER STRASSE 65, 42897 REMSCHEID Germany
(31) Priority Document No	:10 2011 102 560.3	(72) <b>Name of Inventor :</b> <b>1)SCHAFFER, KLAUS</b>
(32) Priority Date	:26/05/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an apparatus for taking off and drawing a synthetic yarn in a melt-spinning process. The apparatus has a plurality of driven godets, a plurality of electric motors assigned to the godets, and a plurality of control units assigned to the electric motors, wherein the electric motors control two godets arranged in succession in the yarn run jointly as a godet pair by way of one of the control units and wherein a plurality of godet pairs are provided. In order to obtain greater flexibility in setting the take-off tension and drawing tension when the yarn is taken off and drawn, according to the invention a godet arranged between the godets of the godet pairs is designed to be drivable and controllable separately.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2120/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : HYPERPIGMENTED BLACK LOW MELT TONER

(51) International classification

:G03G 9/00

(31) Priority Document No

:13/118,483

(32) Priority Date

:30/05/2011

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)XEROX CORPORATION**

Address of Applicant :45 GLOVER AVENUE, P.O. BOX  
4505, NORWALK CONNECTICUT 06856-4505 U.S.A.

(72)Name of Inventor :

**1)VANBESIEN, DARYL, W.**

**2)KAMEL, MAJID**

**3)VONG, CUONG**

**4)YANG, SUXIA**

**5)NOSELLA, KIMBERLY, D.**

**6)VEREGIN, RICHARD, P N.**

**7)NG, TIE, HWEE**

(57) Abstract :

The present disclosure describes a hyperpigmented low melt black toner containing a thermal carbon black which exhibits reduced dielectric loss and improved tribo charging.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2121/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SUCTION DEVICE FOR SERVICE TROLLEYS FOR OPEN-END SPINNING MACHINES

(51) International classification	:D01H 15/00	(71) <b>Name of Applicant :</b> <b>1)SAVIO MACCHINE TESSILI S.P.A.</b> Address of Applicant :VIA UDINE 105, PORDENONE Italy
(31) Priority Document No	:MI2011A 000978	(72) <b>Name of Inventor :</b>
(32) Priority Date	:30/05/2011	<b>1)COLUSSI, VITTORIO</b>
(33) Name of priority country	:Italy	<b>2)BADIALI, ROBERTO</b>
(86) International Application No	:NA	<b>3)CEOLIN, MAURO</b>
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 :

Device for generating the required suction for the execution of the intervention cycles carried out by a service trolley at the spinning units of an open-end spinning machine consisting of a rotary aspirator placed on board the service trolley and driven by an electric motor controlled for operating with speeds periodically varied according to the needs of the suction mouths to be served in the intervention cycles.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8248/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : RED EMITTING LUMINESCENT MATERIALS

(51) International classification :C09K 11/77

(31) Priority Document No :09158002.7

(32) Priority Date :16/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051515

Filing Date :08/04/2010

(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 :GROENEWOUDSEWEG 1  
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(72)Name of Inventor :

**1)SCHMIDT Peter J.**

**2)ZEUNER Martin**

**3)SCHNICK Wolfgang**

**4)PAGANO Sandro**

(57) Abstract :

The invention relates to an improved red light emitting material of the formula  $MLi_{2-y}MgySi_{2-x-y}A_{x+y}N_{4-x}O_x:RE$ . (M=alkaline earth element A = Al Ga B). This material crystallizes in a cubic structure type making it useful for many applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8249/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHODS FOR NUCLEIC ACID QUANTIFICATION

(51) International classification :G06F 19/00

(31) Priority Document No :09158044.9

(32) Priority Date :16/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051615

Filing Date :14/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)KAHLMAN Josephus Arnoldus**

**2)YIN Bin**

**3)NIJSEN Tamara**

(57) Abstract :

The invention relates to a method for quantification of amplified nucleic acids comprising the steps of: - calculation of a measure of randomness M of the cycle-to-cycle amplification efficiency  $\check{S}(C)$  for target and comparative nucleic acids - identification of the cycle numbers CM where M is minimal for target and comparative nucleic acids - calculation of the characteristic cycle numbers CC from the values of CM. .

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4572/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A COMPRESSOR FOR A TURBOCHARGER

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KANAGARAJ T</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compressor of a turbocharger, the compressor comprising a feedback path for compressed air from an outlet of the compressor to an inlet of the compressor, the feedback path showing a storage unit for storing the compressed air and a control device adapted to control the flow of the compressed air from the storage unit back to the compressor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4576/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : VITRIFICATION OF SUPER ABRASIVE ARTICLES BY MICROWAVE ENERGY

(51) International classification	:B24D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Wendt (India) Limited</b>
(32) Priority Date	:NA	Address of Applicant :69/70 Sipcot Industrial complex
(33) Name of priority country	:NA	Hosur Tamil Nadu India Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)D.R. Kulkarni</b>
(87) International Publication No	: NA	<b>2)K.G. Vinod</b>
(61) Patent of Addition to Application Number	:NA	<b>3)K. Diwakar</b>
Filing Date	:NA	<b>4)Abilash</b>
(62) Divisional to Application Number	:NA	<b>5)R.Nakarajan</b>
Filing Date	:NA	

(57) Abstract :

An abrasive article consisting an abrasive more particularly super abrasive compacted with powdered ceramic bond or bonds thereof subjected to hardening process by dielectric heating to form a grinding embodiment in which certain amount of silicon carbide grain included as an accelerator to enhance the heating.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4578/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MEDIA CONTENT-BASED CONTROL OF AMBIENT ENVIRONMENT

(51) International classification

:A61B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)Hewlett-Packard Development Company L.P.**

Address of Applicant :11445 Compaq Center Drive West

Houston TX 77070 U.S.A.

(72)Name of Inventor :

**1)Vimal Sharma**

**2)Praphul Chandra**

(57) Abstract :

Provided is a method of controlling an ambient environment based on content of a media. The content of a media is analyzed to identify a prevalent human emotion. A pre-defined ambient environment parameter corresponding to the identified human emotion is recognized. Control signals are generated based on the pre-defined ambient environment parameter and sent to an ambient environment unit for creating an ambient environment corresponding to the pre-defined ambient environment parameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4579/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR COMPRESSING IMAGES

(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 :**

**1)SAMSUNG INDIA SOFTWARE OPERATIONS**

**PRIVATE LIMITED**

Address of Applicant :Bagmane Lakeview Block B No.  
66/1 Bagmane Tech Park C V Raman Nagar Byrasandra  
Bangalore 560093 Karnataka India

(72)**Name of Inventor :**

**1)BAJPAI Pankaj Kumar**

(57) Abstract :

Method and Apparatus for generating fixed size compressed images is disclosed. The present invention relates to method and apparatus for processing still digital images and more particularly to compressing still digital images. Images compressed are application specific and are subjected to complex computational requirement. Further the images are compressed to a predefined file size. Method and system is proposed to compress images into pre-determined file size with/without changing the resolution of the image. Further the method and system enable to compress images captured from image capturing devices to the desired file size. The method enables determining the file size quickly from given parameters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8238/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR DISPERSING NANOCATALYSTS INTO PETROLEUM-BEARING FORMATIONS

(51) International classification	:E21B 43/24
(31) Priority Document No	:60/885,442
(32) Priority Date	:18/01/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/51496
Filing Date	:18/01/2008
(87) International Publication No	:WO/2008/137189
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4855/CHENP/2009
Filed on	:18/01/2008

(71)**Name of Applicant :**  
**1)WORLD ENERGY SYSTEMS INCORPORATED**  
Address of Applicant :2501 PARKVIEW DRIVE, SUITE 500, FORT WORTH, TEXAS 76102 U.S.A.  
(72)**Name of Inventor :**  
**1)LANGDON, JOHN E.**  
**2)WARE, CHARLES, H.**

(57) Abstract :

Embodiments of the invention provide methods for recovering petroleum products from a formation by distributing nanocatalysts into the formation and heating the heavy crude oil therein. In one embodiment, a method is provided which includes flowing a catalytic material containing the nanocatalyst into the formation containing the heavy crude oil, exposing the heavy crude oil and the catalytic material to a reducing agent (e.g., H<sub>2</sub>), positioning a steam generator within the formation, generating and releasing steam from the steam generator to heat the heavy crude oil containing the catalytic material, forming lighter oil products within the formation, and extracting the lighter oil products from the formation. In another embodiment, a method is provided which includes exposing the heavy crude oil and the catalytic material to an oxidizing agent (e.g., O<sub>2</sub>). The nanocatalyst may contain cobalt, iron, nickel, molybdenum, chromium, tungsten, titanium, oxides thereof, alloys thereof, derivatives thereof, or combinations thereof.

No. of Pages : 44 No. of Claims : 69



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1952/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMAGE-PICKUP ELEMENT, AND IMAGE-PICKUP APPARATUS AND CAMERA SYSTEM HAVING THE SAME

(51) International classification	:H04N5/00	(71)Name of Applicant :
(31) Priority Document No	:2011-111016	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:18/05/2011	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NAGANO, AKIHIKO</b>
(87) 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 image-pickup element includes an image-pickup pixel configured to photoelectrically convert light from an image-pickup lens to generate an image of an object, and a first focus detection pixel and a second focus detection pixel configured to receive light having passed through part of an area of an exit pupil of the image-pickup lens, and an electrode part of the first focus detection pixel and an electrode part of the second focus detection pixel are arranged at ends of a photoelectrical conversion part that are opposite to each other in a pupil diving direction of the first focus detection pixel and the second focus detection pixel.

No. of Pages : 63 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1953/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : WIND TURBINE NACELLE

(51) International classification	:F03D11/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 166	<b>1)ZF WIND POWER ANTWERPEN NV</b>
(32) Priority Date	:18/05/2011	Address of Applicant :DE VILLERMONTSTRAAT 9,
(33) Name of priority country	:EPO	2550, KONTICH Belgium
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SMOOK, WARREN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a wind turbine nacelle (50) for being mounted on a tower (51) of a wind turbine. The wind turbine nacelle (50) comprises a nacelle frame (54) and a drive train comprising a gearbox (55). Attached thereto, the nacelle (50) has a rotor comprising a rotor hub (52) supported by at least one rotor bearing (56) and one or more blades (53). The at least one rotor bearing (56) is supported by a tubular part (57) at an end of the nacelle frame (54) furthest away from the tower (51) when mounted on the tower (51). In a wind turbine nacelle (50) according to embodiments of the invention, the gearbox (55) comprises a gearbox housing (58) which does not constitute part of the nacelle frame (54). The gearbox housing (58) is rigidly and axially connected to the nacelle frame (54) by a gearbox flange (66) connected to a nacelle frame flange (67), whereby a side of the gearbox flange (66) that is located furthest away from the input side (I) of the gearbox (55) as seen in a direction along a reference axis from input (I) to output (O) of the gearbox (55) is connected to an end of the nacelle frame flange (67) furthest away from the tower (51) of the wind turbine. Furthermore, an input shaft (76) of the gearbox (55) is connected to the rotor hub (52) via a separate connection part (77).

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1954/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : MULTI MODE FILTER FOR REALIZING WIDE BAND USING CAPACITIVE COUPLING/INDUCTIVE COUPLING AND CAPABLE OF TUNING COUPLING VALUE

(51) International classification	:H03H9/00	(71)Name of Applicant :
(31) Priority Document No	:10-2011-0047388	<b>1)ACE TECHNOLOGIES CORPORATION</b>
(32) Priority Date	:19/05/2011	Address of Applicant :24B-5L, 451-4, NONHYUN-DONG, NAMDONG-GU, INCHEON-SI 405-849 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)CHUN, DONG-WAN</b>
Filing Date	:NA	<b>2)JANG, JAE-WON</b>
(87) International Publication No	: NA	<b>3)SHIN, KI-SOO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-mode filter for realizing wide band using capacitive coupling and inductive coupling and capable of tuning coupling value is disclosed. The multi-mode filter includes a housing; a first cavity and a second cavity formed in the housing; a first resonator located in the first cavity, a second resonator located in the second cavity, a wall configured to separate the first cavity from the second cavity; and a first coupling element, wherein a groove is formed between the housing and the wall, the first coupling element is inserted in the groove in crossing direction to the wall, one part of the first coupling element is disposed in the first cavity, another part of the first coupling element is disposed in the second cavity, and the first coupling element is connected to a ground.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.827/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ANALYSIS OF STEREOSCOPIC IMAGES

(51) International classification	:H04N
(31) Priority Document No	:1104159.7
(32) Priority Date	:11/03/2011
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)SNELL LIMITED**

Address of Applicant :HARTMAN HOUSE, DANEHILL  
LOWER EARLEY, READING BERKSHIRE RG6 4PB U.K.

(72)**Name of Inventor :**

**1)KNEE, MICHAEL JAMES**

(57) Abstract :

To identify the left-eye and right-eye images of stereoscopic pair, a disparity value is measured between the images of the pair for a plurality of image regions to produce a set of disparity values for the image pair. A confidence factor is calculated for each disparity value. A correlation parameter is then determined between the set of disparity values and a corresponding set of disparity values from a disparity model, in which the contribution of each disparity value is weighted in dependence on the confidence factor.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1951/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ALKOXYLATION PRODUCTS AND PROCESS FOR PREPARING THEM BY MEANS OF DMC CATALYSTS

(51) International classification	:C08G65/00
(31) Priority Document No	:102011076019.9
(32) Priority Date	:18/05/2011
(33) Name of priority country	:Germany
(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)SCHUBERT, FRANK**  
**2)KNOTT, WILFRIED**

(57) Abstract :

Novel alkoxylation products containing lateral hydroxyl groups or bearing lateral C-C double bonds and a process for preparing them by means of an alkoxylation reaction of halogenated alkylene oxides using double metal cyanide (DMC) catalysts and subsequent elimination of chlorine.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7942/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING A FALL A USER

(51) International classification	:A61B 5/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200910134102.1	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:03/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051325	(72) <b>Name of Inventor :</b>
Filing Date	:26/03/2010	<b>1)JIN Sheng</b>
(87) International Publication No	: NA	<b>2)CHEN Ningjiang</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a system and method for detecting a fall of a user. The system comprises at least one sensor a determining unit and a processor. The at least one sensor worn on the body of the user generates sensor data relating to the fall and the determining unit determines a sensor position of the at least one sensor. The processor adjusts the fall detection algorithm according to the sensor position and performs an analysis based on the sensor data to determine whether a fall is occurring or not. In this way fall detection is performed with high detection accuracy even if the sensor position changes and the user feels good by wearing the sensors in their preferred way.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7943/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INTERACTIVE LIVE-MESH SEGMENTATION

(51) International classification :G06T 7/00

(31) Priority Document No :61/166263

(32) Priority Date :03/04/2009

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

(86) International Application No :PCT/IB2010/050897

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)VIK Torbjoern**

**2)SCHULZ Heinrich**

(57) Abstract :

A system and method for segmenting an anatomical structure. The system and method initiating a segmentation algorithm which produces a surface mesh of the anatomical structure from a series of volumetric images the surface mesh formed of a plurality of polygons including vertices and edges assigning a spring to each of the edges and a mass point to each of the vertices of the surface mesh displaying a 2D reformatted view including a 2D view of the surface mesh and the anatomical structure adding pull springs to the surface mesh the pull springs added based upon a selected point on a surface of the surface mesh and moving a portion of the surface mesh via an interactive point.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7944/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTERACTIVE ITERATIVE CLOSEST POINT ALGORITHM FOR ORGAN SEGMENTATION

(51) International classification :G06T 7/00

(31) Priority Document No :61/166265

(32) Priority Date :03/04/2009

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

(86) International Application No :PCT/IB2010/050898

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)VIK Torbjoern**

**2)BYSTROV Daniel**

**3)OPFER Roland**

**4)PEKAR Vladimir**

(57) Abstract :

A system and method for segmenting an image of an organ. The system and method including selecting a surface model of the organ selecting a plurality of points on a surface of an image of the organ and transforming the surface model to the plurality of points on the image.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.829/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : VISUALIZING SURGICAL TRAJECTORIES

(51) International classification :A61B 19/00

(31) Priority Document No :09165513.4

(32) Priority Date :15/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053198

Filing Date :13/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)KOUDIJS Johannes Cornelis**

**2)BERGTHOLDT Martin**

**3)SCHULZ Heinrich**

**4)MARTENS Hubert Cecile Francois**

**5)BLOEM Gerrit-Jan**

**6)KLEIBEUKER Johan Gerard**

(57) Abstract :

A method and system are provided for visualizing a surgical path (31 41 51) for a surgical tool. The method comprises a step of receiving (21) anatomical information (14) about a position of at least one anatomical structure (32 33 34 35) in a region to undergo surgery geometric information (15) describing the surgical path (31 41 51) and at least one safety margin defining a minimal distance between the surgical tool and the anatomical structure (32 33 34 35). The method further comprises defining (23) a critical segment (43 44 45) of the surgical path (31 41 51) in which critical segment (43 44 45) a distance to the anatomical structure (32 33 34 35) is smaller than the safety margin. Then a graphical representation (30 40 50) of the surgical path (31 41 51) is provided (24) wherein the critical segment (43 44 45) is highlighted.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1824/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : STORAGE STABLE IMAGES

(51) International classification	:B41M5/50	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/107,704	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:13/05/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MAHABADI, HADI, K.</b>
(87) International Publication No	: NA	<b>2)SMITH, PAUL, F.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WU, YILIANG</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Materials and methods for long term stability of records using metal nanoparticle-containing inks printed on durable substrates or media, including records generated by the disclosed methods, are described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4485/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : WIRELESS NETWORK HANDOVER METHOD BETWEEN WIRELESS SENSOR NETWORKS AND HETEROGENEOUS LINKS

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)JAGADEESHA R.B</b>
(32) Priority Date	:NA	Address of Applicant :BRAHMANARAKODI,
(33) Name of priority country	:NA	HARIPADAVU 2ND CROSS, KONCHADY, MANGALORE -
(86) International Application No	:NA	575 008, KARNATAKA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)JAGADEESHA R.B</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein specify the method and system for establishing wireless connectivity between wireless sensor network and heterogeneous networks using MIH functions and an information server connected to IP network. In this invention the mobile node (MN) having plurality of wireless links tries to setup wireless link with a heterogeneous access point (AP) of configurable type, or a coordinator node (CN) consisting plurality of links. The wireless connectivity between the MN and configured heterogeneous access point is based on configurable parameters namely range, available power, network size. This invention improves the chance of wireless sensor network getting connected to a wireless link when homogeneous networks are not available.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4486/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DUAL SOURCED HYDROGEN FUEL CELL FOR GENERATING HYDROGEN TO RUN AN INTERNAL COMBUSTION ENGINE AND THE METHOD INVOLVED THEREOF

(51) International classification	:C25B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SOUTHIRARAJAN KUMARASAMY</b>
(32) Priority Date	:NA	Address of Applicant :186, MOLLANUR ROAD
(33) Name of priority country	:NA	VELLAKOVIL - 638 111, THIRUPUR DIST. TAMIL NADU,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SOUTHIRARAJAN KUMARASAMY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an embodiment of the present invention, a system for generating hydrogen from water is provided. The system comprises a hydrogen generating unit thermally coupled to an internal combustion engine. In accordance with an embodiment, residual heat from the internal combustion engine and the exhaust are used to convert water to water vapor. The water vapor is supplied to the hydrogen generating unit where electrolysis is performed at a high temperature. In one aspect of the present invention, the hydrogen generating unit includes a membrane surrounded by metal mesh plates and electrodes to perform electrolysis. On passing electric current, the hydrogen and oxygen are generated as end products of electrolysis. The generated hydrogen is compressed and stored in a metal hydride tank. Thereafter, the hydrogen gas is supplied to the internal combustion engine through fuel injectors.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4488/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF TRANS 4-AMINO CYCLOHEXANE CARBOXYLIC ACID DERIVATIVE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAI ADVANTIUM PHARMA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant : 8-2-120/86/9/B LUXOR PARK
(33) Name of priority country	:NA	ROAD NO.2, BANJARA HILLS - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)T.V.S.K. VITTAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)T.V. PRATAP</b>
Filing Date	:NA	<b>3)T. UDAYA BHASKAR</b>
(62) Divisional to Application Number	:NA	<b>4)R.K. KKOTESHWARA RAO</b>
Filing Date	:NA	<b>5)A. VENU</b>

(57) Abstract :

An improved process for the preparation of trans methy 4-amino cyclohexane carboxylate of Formula (I) from the corresponding cis/trans mixture of cyclohexane 1,4-dicarboxylic acid of Formula (II).

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4489/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTROLLED RELEASE SOLID ORAL COMPOSITIONS OF DEXLANSOPRAZOLE

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)PARTHASARADHI REDDY, BANDI**

**2)KHADGAPATHI, PODILI**

**3)KIRAN, KUMAR, MADALLAPALLI**

(57) Abstract :

The present invention relates to controlled release solid oral compositions of dexlansoprazole or its pharmaceutically acceptable salts and process for preparation thereof and its use for healing of erosive esophagitis, maintenance of healed erosive esophagitis and treatment of heartburn associated with symptomatic non-erosive gastroesophageal reflux disease.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTRO-PHYSIOLOGICAL MEASUREMENT WITH REDUCED MOTION ARTIFACTS

(51) International classification :A61B 5/0428

(31) Priority Document No :09165307.1

(32) Priority Date :13/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053089

Filing Date :06/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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**4)DE BOER Bart Michiel**

**5)FEDDES Bastiaan**

**6)GOURMELON Lena**

**7)RIETMAN Ronald**

**8)HUSEN Sri Andari**

(57) Abstract :

The present invention relates to an apparatus and method for capacitive measurement of electrophysiological signals wherein motion artifacts are suppressed or reduced by providing a feedback mechanism. An average voltage between a capacitive sensor electrode and the body is controlled so as to reduce or minimize motion-induced signals.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRODUCTION OF TRANS-4-AMINOCYCLOPENT-2-ENE-1-CARBOXYLIC ACID DERIVATIVES

(51) International classification :C07C 231/16  
(31) Priority Document No :61/222,758  
(32) Priority Date :02/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/040897  
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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**2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.**  
(72)Name of Inventor :  
**1)Richard Lloyd**  
**2)Justine Ann Peterson**  
**3)Mark Jackson**

(57) Abstract :

The invention is a method of forming a composition having an enantiomeric excess of trans-4-amino-cyclopent-2-ene-1carboxylic acid derivatives which includes preferentially precipitating the less desired enantiomers by addition of amine the isolating trans compound from the remaining liquor.

No. of Pages : 21 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.833/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ATOMIZED LIQUID ORAL CLEANING APPLIANCE

(51) International classification :A61C 17/02

(31) Priority Document No :61/225245

(32) Priority Date :14/07/2009

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

(86) International Application No :PCT/IB2010/052770

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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(72)Name of Inventor :

**1)KLOSTER Tyler G.**

**2)JANSSEN Jozef Johannes Maria**

**3)JOHNSON Ahren Karl**

(57) Abstract :

The oral cleaning appliance includes an assembly for generating low-pressure bursts of gas in the range of 30 100 psi directed to a mixing chamber portion of the appliance. A pump provides successive doses of liquid to the mixing chamber. The mixing chamber includes an outlet for liquid droplets produced by the interaction of the gas and the liquid in the mixing chamber. The gas inlet line to the mixing chamber has an internal diameter in the range of 1 5 mm. The center line of the gas inlet line is offset from the center line of the liquid droplet outlet line by a distance in the range of 1 5 mm.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8331/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : HIGH MAGNETIC FIELD COMPATIBLE INTERVENTIONAL NEEDLE AND INTEGRATED NEEDLE TRACKING SYSTEM

(51) International classification :G01R 33/28

(31) Priority Document No :09158232.0

(32) Priority Date :20/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051581

Filing Date :13/04/2010

(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)KLEE Mareike**

**2)WINKEL Axel**

**3)MILLS John B.**

**4)DEKKER Ronald**

**5)HENDRIKS Bernardus H. W.**

(57) Abstract :

High magnetic field compatible interventional needle and integrated needle tracking system A device for intervention in a high magnetic field comprises an elongate shaft with a tip portion and a passive LC-circuit or a plurality of passive LC circuits positioned at the tip portion wherein the LC-circuit is formed as an inductor-capacitor resonator. By the magnetic field of an MRI the LC-circuit will be activated to oscillate. Said oscillation will result in a response magnetic field which in turn will be sensed by the MRI unit so that the LC-circuit and therefore the tip portion of the device is visible in the MRI-image. By way of this the guiding of the device is facilitated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8332/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : VERIFICATION AND SYNCHRONIZATION OF FILES OBTAINED SEPARATELY FROM A VIDEO CONTENT

(51) International classification	:H04N 5/445
(31) Priority Document No	:09158248.6
(32) Priority Date	:20/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051588
Filing Date	:13/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)FOO Teck W.**  
**2)LOI Tek S.**

(57) Abstract :

The invention relates to a playback device for playback of a video content and of a file obtained separately from the video content. The invention is for a system wherein a file to be played with a movie is obtained from an uncontrolled source such as the Internet. Obtaining a file from such a source creates a number of issues due to the lack of control. The file obtained may not correspond to the intended movie or to the intended language and may not be synchronized with the movie.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8334/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR RATING ITEMS

(51) International classification :G06F 17/30

(31) Priority Document No :09158199.1

(32) Priority Date :20/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051589

Filing Date :13/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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

**1)BARBIERI Mauro**

**2)PRONK Serverius P. P.**

(57) Abstract :

Items are rated for use in a recommender. A record of a plurality of previously rated items and their associated ratings is maintained and upon receiving a rating for a first item (201) at least one of the rated items is retrieved (205) having a similar rating to the rating of the first item. The retrieved at least one rated items is displayed (207). The user may then change rating of the first item or the retrieved items (209) in order to apply the ratings consistently.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8335/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING CHANNEL STATE

(51) International classification	:H04W 16/14	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200910134569.6	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:21/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051716	(72) <b>Name of Inventor :</b>
Filing Date	:20/04/2010	<b>1)FENG Lei</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes a device and method for detecting the channel state. The detecting device first monitors a channel within a predetermined duration so as to receive a plurality of signals transmitted on the channel and then determines whether part of the plurality of signals possess periodicity. If part of the plurality of signals possesses periodicity then the detecting device determines that the channel is interfered. Even if there is no or less data traffic over one or more wireless networks which occupy the channel the detecting device and method provided by the present invention are capable of detecting the existence of the one or more wireless networks and determine that the channel is interfered so as to avoid potential interference. In addition, the cost to detect whether a channel is interfered will be reduced effectively by using the detecting device and the detecting method according to embodiments of the present invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8336/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A CONTROL APPARATUS AND A METHOD FOR CONTROLLING A THERAPEUTIC APPARATUS

(51) International classification :A61N 7/02  
(31) Priority Document No :61/170701  
(32) Priority Date :20/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051592  
Filing Date :13/04/2010  
(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)RAJU Balasundara**  
**2)SOKKA Shunmugavelu**

(57) Abstract :

A control apparatus (106) for controlling a therapeutic apparatus (100) wherein the control apparatus comprises: - an ultrasound control interface (110) for controlling a therapeutic ultrasound system (102) - a magnetic resonance control interface (112) for controlling a magnetic resonance apparatus (104) adapted for acquiring magnetic resonance imaging data from a subject and for acquiring magnetic resonance spectroscopy data from a subject (244) - an image processing module (124 126 128) for generating at least one magnetic resonance imaging image (500) from the magnetic resonance imaging data and for generating at least one magnetic resonance spectroscopy map (502 514 516 518 520) from the magnetic resonance spectroscopy data

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8337/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ILLUMINATION DEVICE WITH A PHOSPHOR

(51) International classification :H01L 33/50

(31) Priority Document No :09158357.5

(32) Priority Date :21/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051686

Filing Date :19/04/2010

(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)HIKMET Rifat A. M.**

(57) Abstract :

The invention relates to an illumination device and a method adapted for illuminating applications. The illumination device (5) with a phosphor (1) comprising at least one light emitting surface which is adapted for emitting phosphor light in a predefined solid angle a light source (2) being adapted for emitting optical radiation directed to the phosphor (1) a waveguide (3) and a reflector (4) wherein the phosphor (1) is optically coupled to the waveguide (3) the exit surface of the illumination device (5) from which light is emitted is larger than any single light emitting surface of the phosphor (1) and the reflector (4) is adapted for reflecting at least a part of the optical radiation emitted from the illumination device (5) by a surface different from the exit surface of the illumination device (5).

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8338/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DRIVING OF MULTI-CHANNEL SPEAKERS

(51) International classification :H04R 3/00  
(31) Priority Document No :09158321.1  
(32) Priority Date :21/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051516  
Filing Date :08/04/2010  
(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)DE POORTERE Gerrit**

(57) Abstract :

A drive system comprises a splitter (107) which generates a low frequency signal and high frequency signal from an input signal. A first drive circuit (111, 115) is coupled to the splitter (117) and generates a drive signal for an audio driver (105) from the low frequency signal. A second drive circuit (117, 119) is coupled to the splitter (117) and generates a drive signal for a second audio driver (101) from the high frequency signal. The second drive circuit (117, 119) provides a bass frequency extension for the second audio driver (101) by applying low frequency boost to the low frequency signal. A processor (125) determines a driver excursion indication for the second audio driver (101) and a controller (127) performs a combined adjustment of a cross-over frequency for the high and low frequency signals and a characteristic of the low frequency boost based on the driver excursion indication. The invention may provide improved interworking between e.g. a subwoofer and satellite speakers.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.834/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMAGE RECONSTRUCTION INCLUDING SHIFT-VARIANT BLUR COMPENSATION

(51) International classification :G06T 11/00  
(31) Priority Document No :61/225237  
(32) Priority Date :14/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052678  
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)UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL**  
(72)Name of Inventor :  
**1)KING Michael A.**  
**2)MITRA MUKHERJEE Joyeeta**  
**3)SHAO Lingxiong**  
**4)SONG Xiyun**  
**5)WANG Jiong**

(57) Abstract :

An image reconstruction method comprises reconstructing an image using an iterative reconstruction method and computing a projection used in the reconstructing by summing ray increments between neighboring planes (P0 P1 P2 ) parallel with a detector face (42) with stationary incremental blurring associated with each ray increment computed based on a distance between the neighboring parallel planes. A non-stationary blurring kernel may also be convolved at a plane closest to the detector face to generate a projection incorporating shift variant blurring.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1956/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PIPE BRANCH PIECE FOR DOWNPIPES

(51) International classification	:E04D 13/00	(71) <b>Name of Applicant :</b> <b>1)GEBERIT INTERNATIONAL AG</b> Address of Applicant :SCHACHESTRASSE 77, 8645 JONA Switzerland
(31) Priority Document No	:11 166 711.9	(72) <b>Name of Inventor :</b> <b>1)WEISS, ROLF</b>
(32) Priority Date	:19/05/2011	
(33) Name of priority country	:EPO	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pipe branch piece (1) for a downpipe in which sewage in the form of a sewage layer (W) can be guided on a wall (11, 20) in a fall direction (F) comprises an upper downpipe section (2) having an inlet opening (3), a diverting section (4) adjoined to the upper downpipe section (2), and a lower downpipe section (5) adjoined to the diverting section (4) and having an outlet opening (6), as well as at least one supply pipe section (7), which in the region of the diverting section (4) opens out into the pipe branch piece (1), wherein the diverting section (4) comprises at least one diverting region (8) and a flow region (12) having a wall (11). The diverting region (8) comprises a diverting surface (10), running along a flow curve or flow line (M) and of curved configuration, for the bundling of the sewage as a jet (S), which flow curve or flow line (M) runs at a first angle ((3) with respect to the fall direction (F) and at a second angle (a) with respect to a plane (E) extending through the fall direction (F), wherein, as a result of the two angles ( , ), the curved diverting surface (10), with its flow curve or flow line (M) , is directed substantially tangentially to the wall (11) of the flow region (12).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1957/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS FOR MANUFACTURING TIRE PLY MATERIAL

(51) International classification	:B60C23/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-133512	<b>1)SUMITOMO RUBBER INDUSTRIES, LTD.</b>
(32) Priority Date	:15/06/2011	Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU KOBE-SHI, HYOGO 651-0072 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)WATABE, YASUHIRO</b>
Filing Date	:NA	<b>2)MITSUI, KOJI</b>
(87) 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 apparatus for manufacturing a lengthy tire ply material as numbers of cut pieces connected in series in a conveyed direction by successively joining the rear edge of a cut piece conveyed ahead and the front edge of a next cut piece. The apparatus comprises: an image capture device capturing images of the cut pieces and outputting image data; a position presuming device processing the image data and presuming the exact positions of the rear and front edges even if the edges are deformed by curling and outputting the positional data; and a holding and positioning device holding and moving the next cut piece to a joint position according to the positional data, therefore, the edges are connected with accuracy and a nondefective uniform tire ply material can be manufactured with a high percent yield.

No. of Pages : 40 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.806/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTRONIC DEVICE

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-050361	<b>1)NAPRA CO., LTD.</b>
(32) Priority Date	:08/03/2011	Address of Applicant :2-19-9 HIGASHI-TATEISHI,
(33) Name of priority country	:Japan	KATSUSHIKA-KU, TOKYO 124-0013 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SEKINE, SHIGENOBU</b>
(87) International Publication No	: NA	<b>2)SEKINE, YURINA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic device includes a substrate and an electronic component. The substrate has a metallized trace. The metallized trace has a metallized layer and an insulation layer. The metallized layer has a high melting point metal component and a low melting point metal component, the high melting point metal component and the low melting point metal component being diffusion bonded together. The insulation layer is formed simultaneously with the metallized layer to cover an outer surface of the metallized layer. The electronic component is electrically connected to the metallized layer.

No. of Pages : 54 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.840/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONNECTOR AND METHOD FOR CONNECTING CAPACITOR OF THE CONNECTOR WITH TERMINAL METAL FITTINGS

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:2011-050090	<b>1)YAZAKI CORPORATION</b>
(32) Priority Date	:08/03/2011	Address of Applicant :4-28 Mita 1-chome Minato-ku Tokyo Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)URANO Kazumi</b>
Filing Date	:NA	<b>2)SAKURAI Toshinori</b>
(87) 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 connector comprises a capacitor provided with a pair of electrodes which are respectively formed on both end faces of the capacitor that are opposed to each other a pair of terminal metal fittings including a pair of electrode contacting parts to be respectively contacted with the pair of electrodes and terminal parts respectively continued from the electrode contacting parts and a plate in which the pair of terminal metal fittings are held at an interval from each other. The electrode contacting parts have respective inclined portions where a distance between a pair of the electrode contacting parts grows shorter in a direction toward their ends remote from the terminal parts in a state where the electrode contacting parts are not in contact with the electrodes.

No. of Pages : 31 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.840/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHTING DEVICE WITH LIGHT SOURCES POSITIONED NEAR THE BOTTOM SURFACE OF A WAVEGUIDE

(51) International classification	:G02B 6/00
(31) Priority Document No	:12/503915
(32) Priority Date	:16/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052855
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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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)BIERHUIZEN Serge J.**

(57) Abstract :

A device according to embodiments of the invention includes a waveguide typically formed from a first section of transparent material. A light source is disposed proximate a bottom surface of the waveguide. The light source comprises a semiconductor light emitting diode and a second section of transparent material disposed between the semiconductor light emitting diode and the waveguide. Sidewalls of the second section of transparent material are reflective. A surface to be illuminated is disposed proximate a top surface of the waveguide. In some embodiments an edge of the waveguide is curved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8407/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DRIVER FOR AN LED LAMP

(51) International classification :H05B 33/08

(31) Priority Document No :09158610.7

(32) Priority Date :23/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051662

Filing Date :16/04/2010

(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)VERMEULEN Markus Cornelius**

(57) Abstract :

An illumination device (100) comprises: a current source (1) having output lines (5; 6); a main string (101) of LEDs (LED1 i) arranged in series between the current source output lines; at least one secondary string (102) of LEDs (LED2 i) arranged in series between the current source output lines; and a controllable current limiter (120) arranged in series with the LEDs (LED2 i) of the secondary string (102). In a preferred embodiment the controllable current limiter comprises: - a transistor (T2) having its collector-emitter path in series with the LEDs (LED2 i) of the secondary string (102); - a current sense resistor (R2x) arranged in series with said collector-emitter path; - an opamp (121) having an output connected to the transistors base having its inverting input connected to said current sense resistor (R2x) and having its non-inverting input connected to a reference voltage level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8408/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CHANNEL-GAIN TRACKING FOR ENHANCED TRANSMISSION EFFICIENCY

(51) International classification	:H04L 25/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09305345.2	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:23/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051582	(72) <b>Name of Inventor :</b>
Filing Date	:13/04/2010	<b>1)YIP Kun-Wah</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an apparatus method and computer program product for enhanced data reception wherein a tracking procedure is enhanced to support long payloads by introducing additional channel-gain tracking applied together with frequency-offset tracking to the payload data. Thereby both residual frequency offset and residual channel gain are reduced.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8409/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MIXER WITH ZERO DEAD VOLUME

(51) International classification :B01F 13/00  
(31) Priority Document No :09158646.1  
(32) Priority Date :23/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051671  
Filing Date :16/04/2010  
(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)WIMBERGERFRIEDL Reinhold**  
**2)DE GIER Ronald C.**  
**3)BOUMA Peter H.**

(57) Abstract :

The invention relates to a microfluidics system (1) comprising: - a closed expandable volume (35) for mixing a fluid; - a flexible membrane (40) for allowing mixing in the closed expandable volume (35) characterized in that the microfluidics system (1) further comprises: - a surface (5) comprising at least one channel (20 20a 20b 20c 20d) for fluidically coupling a first side (10) of the surface (5) to the closed expandable volume (35) on a second side (15) of the surface (5) the channel (20 20a 20b 20c 20d) comprising a first channel opening (25) fluidically coupling the first side (10) of the surface (5) to the channel (20 20a 20b 20c 20d) and a second channel opening (30) fluidically coupling the channel (20 20a 20b 20c 20d) to the closed expandable volume (35) the expandable volume (35) being defined by the flexible membrane (40) closing the second channel opening (30) when there is no fluid in the expandable volume (35). The invention further relates to a method for using such a microfluidics system (1). .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8539/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DELIVERING ELECTROMAGNETIC RADIATION TO THE EYEBALL OF A SUBJECT

(51) International classification :A61K  
(31) Priority Document No :61/172391  
(32) Priority Date :24/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051117  
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)COLBAUGH Michael Edward**

(57) Abstract :

Light therapy is provided to a subject using a system and/or method. The light therapy includes the administration of electromagnetic radiation to the eyeball of the subject underneath the eyelid of the subject while the eyelid of the subject is closed (e.g. as the subject sleeps). The light therapy algorithm may be designed to impact melatonin and/or serotonin levels within the body of the subject in a therapeutically beneficial manner. For example the light therapy algorithm may be designed to impact melatonin and/or serotonin levels to treat one or more of a sleep and/or mood disorder (e.g. seasonal affective disorder non-seasonal depression Circadian rhythm disruption) or other disorders treatable with control over melatonin and/or serotonin levels in the body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8540/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : MICRODISSECTION METHOD AND INFORMATION PROCESSING SYSTEM

(51) International classification :G06T  
(31) Priority Document No :09305369.2  
(32) Priority Date :28/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051725  
Filing Date :20/04/2010  
(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)VAN DIJK Erik Martinus H.P.**  
**2)STALLINGA Sjoerd**

(57) Abstract :

In a first aspect, a method for use in biology, histology, and pathology, comprises: - providing a digital first image (44) of a first slice (12) of an object (10) comprising biological material; - generating a digital second image (46) of a second slice (14) of the object; - determining a region of interest (50) in the second image on the basis of a region of interest (48) in the first image; - determining a region of interest in the second slice on the basis of the region of interest (50) in the second image; and - extracting material from the region of interest in the second slice. In another aspect, an information processing system, for use in biology, histology and pathology, comprises: - a predefined set of process identifiers (64); - a set of data records (68, 70, 72) associated with an object (10) comprising biological material, wherein each of the data records comprises: a slice identifier identifying a slice (12; 14) of the object, and a process identifier selected from the set of process identifiers, the process identifier indicating a process to which the slice is intended to be subjected; - a user interface (52, 56, 58, 60) for enabling a user to select a data record (68) from the set of data records.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8541/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTERVENTIONAL MR IMAGING WITH MOTION COMPENSATION

(51) International classification :A61B	(71)Name of Applicant :
(31) Priority Document No :09158905.1	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date :28/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country :EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No :PCT/IB2010/051599	(72)Name of Inventor :
Filing Date :14/04/2010	<b>1)KRUEGER Sascha S</b>
(87) International Publication No : NA	<b>2)WEISS Steffen</b>
(61) Patent of Addition to Application Number :NA	<b>3)DAVID Bernd</b>
Filing Date :NA	<b>4)LIPS Oliver</b>
(62) Divisional to Application Number :NA	<b>5)MANZKE Robert</b>
Filing Date :NA	

(57) Abstract :

The invention relates to a method of MR imaging of a moving portion (22) of a body (10) of a patient placed in an examination volume of a MR device (1). For the purpose of enabling improved interventional MR imaging with motion compensation the invention proposes that the method comprises the steps of: a) collecting tracking data from an interventional instrument (19) introduced into the portion (22) of the body (10) b) subjecting the portion (22) of the body (10) to an imaging sequence for acquiring one or more MR signals therefrom wherein parameters of the imaging sequence are adjusted on the basis of the tracking data c) acquiring a MR signal data set by repeating steps a) and b) several times d) reconstructing one or more MR images from the MR signal data set.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8542/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR REDUCING SNORE ANNOYANCES

(51) International classification :A61F  
(31) Priority Document No :09158902.8  
(32) Priority Date :28/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051786  
Filing Date :23/04/2010  
(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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EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)AART Ronaldus M.**  
**2)OGG Felix H. G.**  
**3)SAINI Privender K.**

(57) Abstract :

The present invention relates to a method and a device for reducing snore annoyances wherein a snore sound pattern of a snoring person is determined to predict an upcoming snore sound level and wherein a faked snore sound is played to flatten the resulting snore sound level.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : LUBRICANT COMPOSITIONS CONTAINING A HETEROAROMATIC COMPOUND

(51) International classification	:C10M 133/00	(71) <b>Name of Applicant :</b> <b>1)AFTON CHEMICAL CORPORATION</b>
(31) Priority Document No	:61/488,302	Address of Applicant :500 SPRING STREET,
(32) Priority Date	:20/05/2011	RICHMOND, VIRGINIA 23219 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MATHUR, NARESH</b>
Filing Date	:NA	<b>2)LAGONA, JASON, A.</b>
(87) International Publication No	: NA	<b>3)LOPER, JOHN, T.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ashless additive for lubricating oil compositions, lubricating oil compositions and methods for lubricating that are effective to improve the total base number (TBN) of a lubricant composition. The additive is a reaction product of a compound of the formula: with NH<sub>3</sub>, an alcohol, an amine, or a hydrocarbyl amine, wherein R<sub>1</sub> is selected from H, a hydrocarbyl group, the alcohol or amine contains from 1 to about 24 carbon atoms, and the hydrocarbyl amine has a number average molecular weight ranging from about 100 to about 6000

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4580/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR TRANSMISSION OF ACKNOWLEDGEMENT IN MULTICAST DATA TRANSMISSION

(51) International classification

:h04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SAMSUNG INDIA SOFTWARE OPERATIONS  
PRIVATE LIMITED**

Address of Applicant :Bagmane Lakeview Block B No.  
66/1 Bagmane Tech Park C V Raman Nagar Byrasandra  
Bangalore 560093 Karnataka In ia Kerala India

(72)Name of Inventor :

**1)BHATIA Ashutosh  
2)PATRO Ranjeet Kumar  
3)ARUNAN Thenmozhi**

(57) Abstract :

A method for transmission of acknowledgement in multicast data transmission is disclosed. The method addresses the problem of transmission of acknowledgements in multicast transmission by reducing network delay and overhead. The method enables the network device in a multicast group to acknowledge the controller or the central node on reception of the data frame. The controller obtains the network connectivity graph and link quality information for the network device. This data along with minimum acknowledgement value required is sent to network device of the group. The controller then waits for acknowledgement from network device of the group. Based on the link quality order the network devices begin to transmit the acknowledgement. The network devices continue to transmit the acknowledgement until the number of acknowledgements received by the controller is greater than the minimum acknowledgement value specified by the controller. When the condition is satisfied the process terminates.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8535/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPECTRAL DOPPLER ULTRASOUND IMAGING DEVICE AND METHOD FOR CONTROLLING SAME

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:61/173303	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:28/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051773	(72)Name of Inventor :
Filing Date	:22/04/2010	<b>1)CLARK David</b>
(87) 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 for controlling a spectral Doppler ultrasound imaging device adapted for operating both in a spectrum-live Doppler measurement mode (S3) and in an image-live measurement mode (S1 S6) is proposed.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8536/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : REAL-TIME DEPTH ESTIMATION FROM MONOCULAR ENDOSCOPE IMAGES

(51) International classification :A61B  
(31) Priority Document No :61/173722  
(32) Priority Date :29/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051316  
Filing Date :25/03/2010  
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)POPOVIC Aleksandra**

(57) Abstract :

An endoscopic surgical method involves an advancement of an endoscope (20) to a target location within an anatomical region of a body and a generation of a plurality of endoscopic video frames (22) as the endoscope (20) is advanced to the target location with the endoscopic video frames (22) illustrating monocular endoscopic images of the anatomical region. For real-time estimation of a depth of an object within monocular endoscopic images (e.g. depth of a bronchial wall within an monocular endoscopic images of a bronchial tube) the method further involves (S41) a determination of an optical flow of one or more image points within a frame time series of the monocular endoscopic images of the anatomical region and (S42) an estimation of a depth field indicative of a depth of the object within the monocular endoscopic images as a function of the optical flow of the image point(s).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8537/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRE-EMPTIVE FLUID SHIFTS TO TREAT OSA

(51) International classification :A61F  
(31) Priority Document No :61/172389  
(32) Priority Date :24/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051118  
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

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
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(72)**Name of Inventor :**  
**1)IYER Vijay Kumar**  
**2)WITT Erik Kurt**

(57) Abstract :

A method of treating obstructive sleep apnea comprising reducing an effective amount of extracellular fluid of a patient suffering from obstructive sleep apnea.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8250/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A NETWORK

(51) International classification :H04L 12/56  
(31) Priority Document No :09305324.7  
(32) Priority Date :16/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051566  
Filing Date :12/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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**2)SHARP KABUSHIKI KAISHA**  
(72)**Name of Inventor :**  
**1)TESANOVIC Milos**  
**2)BAKER Matthew**

(57) Abstract :

The present invention relates to a method for communicating in a network from a first station to a second station wherein the first station comprises at least one buffer memory for storing data packets to be transmitted the method comprising the steps of (a) the first station estimating the status of the at least one buffer memory (b) the first station transmitting at least one buffer status packet representative of the buffer memory status wherein the method further comprises (c) adapting the value of a first parameter of the buffer status packets on the basis of a data traffic characteristic.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN AMBIENT TELEPHONE COMMUNICATION SYSTEM&NBSP; A MOVEMENT MEMBER&NBSP; METHOD&NBSP; AND COMPUTER READABLE MEDIUM THEREFOR

(51) International classification :H04M 1/60  
(31) Priority Document No :09158115.7  
(32) Priority Date :17/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051571  
Filing Date :12/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)PEREGRIN EMPARANZA Jorge**  
**2)HARMA Aki S.**  
**3)DADLANI MAHTANI Pavankumar M.**

(57) Abstract :

An ambient telecommunication system (10) is provided. The system (10) comprises at least one transmitter (11) and a corresponding receiver (12) for transmitting and receiving an electronically or digitally encoded information signal between two or more conversing parties. The system further comprises a movement member (14) being configured to perform a movement or assume a certain physical posture based on the result of content analysis of the information signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.857/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 28/06/2013

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

(51) International classification	:H04W
(31) Priority Document No	:61/497,494
(32) Priority Date	:15/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)LEE, JIN**  
**2)YUK, YOUNG SOO**  
**3)PARK, GI WON**  
**4)KIM, JEONG KI**  
**5)RYU, KI SEON**

(57) Abstract :

A method of transmitting data in a wireless communication system is provided. A machine-to-machine (M2M) device transmits a first ranging request message including a M2M short message service (SMS) request indicating that the M2M device has a M2M SMS to transmit, and receives a first ranging response message including a M2M SMS response, a basic connection identifier (CID) and a temporary CID timer. If the M2M SMS request is accepted by a base station, the M2M device transmits a second ranging request message including the M2M SMS based on the basic CID, and receives a second ranging response message including a M2M SMS confirmation indicating whether the reception of the M2M SMS is successful or not by the base station.

No. of Pages : 41 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.858/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PLAY EQUIPMENT

(51) International classification	:A63F	(71)Name of Applicant :
(31) Priority Document No	:2011-084974	1)KASAI, KAZUHIKO
(32) Priority Date	:07/04/2011	Address of Applicant :916-1, SAWANOBORI,
(33) Name of priority country	:Japan	MINAMIARUPUSU-SHI, YAMANASHI-400-0302 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KASAI, KAZUHIKO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided play equipment for a game which is very novel and can improve elegance and tastefulness of the game. The play equipment includes a game board 4 in which the number of intersected lines at an intersection point is counted as scores and the obtained score can be understood even in a state where game pieces are deployed and game pieces in two colors on both front and rear sides of each of which a plurality of totally different graphics having the same number is written. The game pieces each having one of the two colors are constructed by combinations of a plurality of solid game pieces 7 and 8 having the same shape whose front and rear can be reversed and of a plurality of hollow game pieces 11 and 12 having the same shape whose front and rear can be reversed and which can be fitted in the solid game pieces 7 and 8 and have space for writing each graphics. On the front side of each of the solid game pieces having one of the two color, a different hollow graphics is written and on the rear side of each of the solid game pieces, a solid graphic having a contour being different from the hollow graphics written on the front side out of hollow graphics having a contour with the same shape as each of the hollow graphics and on the front side of the hollow game pieces 11 and 12 having one of the two color, a different solid graphics is written and, on the rear side of the hollow game pieces 11 and 12, a hollow graphics having a contour being different from the solid graphics written on the front side out of the hollow graphics having a contour with the same shape as each of solid graphics is written.

No. of Pages : 36 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8290/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A CODING METHOD OF CODING A FIRST PICTURE GROUP AND A SECOND PICTURE GROUP AND AN APPARATUS

(51) International classification	:H04N 7/32	(71)Name of Applicant :
(31) Priority Document No	:2009-009391	<b>1)PANASONIC CORPORATION</b>
(32) Priority Date	:19/01/2009	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501 Japan
(86) International Application No	:PCT/JP2010/000261	(72)Name of Inventor :
Filing Date	:19/01/2010	<b>1)LIM, CHONG SOON</b>
(87) International Publication No	:WO/2010/082508	<b>2)NISHI, TAKAHIRO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHIBAHARA, YOUJI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:3547/CHENP/2010	
Filed on	:19/01/2010	

(57) Abstract :

A coding method of coding a first picture group and a second picture group that are interlaced and captured at different view points, said coding method comprising: defining an access unit including a picture of the first picture group and a picture of the second picture group that corresponds to the picture of the first picture group; and coding each of the pictures included in the access unit, the access unit being defined in said defining, wherein said defining includes: determining a unit of coding for determining whether the pictures included in the access unit are to be uniformly coded on a per-field basis or on a per-frame basis; and determining a field type for determining whether the pictures are to be uniformly coded as top fields or bottom fields, when it is determined in said determining of a unit of coding that the pictures included in the access unit are to be coded on a per-field basis, said coding includes: coding the picture of the first picture group, using a predictive picture generated from a picture of the first picture group; and coding the picture of the second picture group, using one of (i) a predictive picture generated from a picture of the second picture group and (ii) the predictive picture generated from the picture of the first picture group, within the access unit including the picture of the second picture group, and in said coding, each of the pictures is coded for each access unit in a format determined in said determining of a unit of coding and in said determining of a field type.

No. of Pages : 70 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8291/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD OF DECODING A CODED STREAM AND AN APPARATUS

(51) International classification :H04N 7/32  
(31) Priority Document No :2009-009391  
(32) Priority Date :19/01/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2010/000261  
Filing Date :19/01/2010  
(87) International Publication No : WO/2010/082508  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :3547/CHENP/2010  
Filed on :19/01/2010

(71)**Name of Applicant :**  
**1)PANASONIC CORPORATION**  
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan  
(72)**Name of Inventor :**  
**1)LIM, CHONG SOON**  
**2)NISHI, TAKAHIRO**  
**3)SHIBAHARA, YOUJI**

(57) Abstract :

A method of decoding a coded stream obtained by coding a first picture group and a second picture group for each access unit including a picture of the first picture group and a picture of the second picture group that corresponds to the picture of the first picture group, the first picture group and the second picture group being interlaced and captured at different view points, and said method comprising: extracting, from the coded stream, first flag information indicating whether pictures included in the access unit are coded on a per-field basis or on a per-frame basis, and decoding the first flag information; decoding the picture of the second picture group on a per-frame basis by referring to the picture of the first picture group on a per-frame basis, when the first flag information indicates that the pictures included in the access unit are coded on a per-frame basis; extracting, from the coded stream, second flag information indicating whether the pictures included in the access unit are coded as top fields or bottom fields when the first flag information indicates that the pictures included in the access unit are coded on a per-field basis, and decoding the second flag information; decoding the picture of the second picture group as a top field by referring to the picture of the first picture group on a per-field basis, when the second flag information indicates that the pictures included in the access unit are coded as top fields; and decoding the picture of the second picture group as a bottom field by referring to the picture of the first picture group on a per-field basis, when the second flag information indicates that the pictures included in the access unit are coded as bottom fields.

No. of Pages : 70 No. of Claims : 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8625/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR LOAD DEPENDENT RESIZING OF A FOCAL SPOT OF AN X-RAY GENERATING DEVICE

(51) International classification :H05G  
(31) Priority Document No :09159397.0  
(32) Priority Date :05/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051696  
Filing Date :19/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)BEHLING Rolf**

(57) Abstract :

In an X-ray generating device (2) a temperature of a focal spot may be determined. Furthermore a load condition is determined (11) which may also take into account a planned operation procedure of the X-ray generating device (2). The focal spot of the X-ray generating device is then automatically resizable (13) based at least in part on the load condition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8626/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTROLLING EDGE EMISSION IN PACKAGE-FREE LED DIE

(51) International classification :H01L 33/00  
(31) Priority Document No :12/433972  
(32) Priority Date :01/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051489  
Filing Date :06/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)NEFF James G.**  
**2)BIERHUIZEN Serge J.**  
**3)EPLER John E.**

(57) Abstract :

Light emitting diode (LED) structures are fabricated in wafer scale by mounting singulated LED dies on a carrier wafer or a stretch film separating the LED dies to create spaces between the LED dies applying a reflective coating over the LED dies and in the spaces between the LED dies and separating or breaking the reflective coating in the spaces between the LED dies such that some reflective coating remains on the lateral sides of the LED die. Portions of the reflective coating on the lateral sides of the LED dies may help to control edge emission.

No. of Pages : 20 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8627/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : FALL PREVENTION SYSTEM

(51) International classification :G08B 21/04

(31) Priority Document No :09159314.5

(32) Priority Date :04/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051923

Filing Date :03/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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

**1)TEN KATE Warner R. T.**

**2)CROMPVOETS Floris M. H.**

(57) Abstract :

There is provided a fall prevention system that is suitable for being worn by a user comprising a sensor for determining an indication of the risk of the user falling; two or more feedback devices for attachment to respective parts of the user<sup>TM</sup>s body each feedback device being controllable to apply feedback to said respective part; and a controller configured to control the two or more feedback devices such that feedback is applied to a particular part of the user<sup>TM</sup>s body in response to the determined indication.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8628/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF ACQUIRING AN X-RAY IMAGE AND X-RAY IMAGE ACQUISITION DEVICE COMPRISING AUTOMATIC WEDGE POSITIONING

(51) International classification	:A61B 6/06	(71)Name of Applicant :
(31) Priority Document No	:09159367.3	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:05/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051853	(72)Name of Inventor :
Filing Date	:28/04/2010	<b>1)HUMMEL Erik</b>
(87) 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 acquiring an X-ray image of a region of interest of an object as well as a corresponding X-ray image acquisition device are described. A semitransparent X-ray transmitting device 11 comprised in a collimator 9 is positioned within a beam 35 of irradiating X-rays thereby at least partly shielding regions 17 on a detector surface 15 of a detector 5. After acquiring an X-ray image by detecting X-rays transmitted through the object 13 the position of the semitransparent X-ray transmitting device 11 is automatically adjusted based on image information included in the at least partly shielded region 17 on the detector surface 15.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8630/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR OPERATING AN EXOSKELETON ADAPTED TO ENCIRCLE AN OBJECT OF INTEREST

(51) International classification :A61H3/00  
(31) Priority Document No :09159365.7  
(32) Priority Date :05/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051851  
Filing Date :28/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)VAN DEN EERENBEEMD Jacobus M. A.**  
**2)CROMPVOETS Floris M. H.**

(57) Abstract :

This invention relates to a servo system for operating an exoskeleton adapted to encircle an object of interest and for supplying a force thereon. A servomotor is coupled to a power source and operates the position of the exoskeleton and thus the force exerted by the exoskeleton on the object of interest. A measuring unit measures a raw driving current signal Iraw supplied by the power source to drive the servomotor. A low pass filter applies a low pass frequency filtering on the measured a filtered current signal Ifiltered. A processing unit determines an actuated current signal Iactuated based on the servomotor setting parameters where Iactuated indicates the contribution to Iraw from the servomotor when operating the position of the exoskeleton. The processing unit also determines a driving force current signal Iforce indicating the force exerted by the exoskeleton on the object of interest, where Iforce is proportional to the difference between Ifiltered and Iactuated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8631/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOMATIC ASSESSMENT OF CONFIDENCE IN IMAGING DATA

(51) International classification	:G06T 7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/175561	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:05/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051539	(72) <b>Name of Inventor :</b>
Filing Date	:09/04/2010	<b>1)OLSZEWSKI Mark</b>
(87) International Publication No	: NA	<b>2)BREDNO Joerg</b>
(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 are provided to automatically assess a confidence in imaging data based on a proposed diagnostic task or treatment decision by determining one or more imaging quality indicators relating to the imaging data corresponding to a confidence of the proposed diagnostic task or treatment decision comparing those imaging quality indicators with confidence benchmark values and determining a confidence value indicative of the confidence in the imaging data for purposes of performing the proposed diagnostic task or making the proposed treatment decision.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1743/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SWITCHING DEVICE AND RELATED SWITCHGEAR

(51) International classification	:H02H 1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11165428.1	<b>1)ABB TECHNOLOGY AG</b>
(32) Priority Date	:10/05/2011	Address of Applicant :AFFOLTERNSTRASSE 44, CH-
(33) Name of priority country	:EPO	8050 ZURICH Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BOFFELLI, CARLO</b>
(87) International Publication No	: NA	<b>2)PENZO, ROBERTO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching device for connecting/disconnecting a power line to/from at least an associated electrical load comprising at least a phase having a housing which houses a movable contact couplable/separable to/from a corresponding fixed contact. The phase comprises an electrically semiconducting assembly having an insulating support operatively associated with a plurality of semiconductor devices electrically connected in series to each other; the plurality of semiconductor devices is associated and electrically connected to the fixed contact and to the movable contact, wherein the assembly is configured to be installed into the housing so as to surround at least a portion of at least one of the fixed contact and the movable contact when it is coupled to the fixed contact.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4496/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN AUDIO LENS

(51) International classification

:H04R

(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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Finland

(72)Name of Inventor :

**1)Lasse Juhani Laaksonen**

**2)Kemal Ugur**

**3)Pushkar Prasad Patwardhan**

**4)Adriana Vasilache**

**5)Jari Mathias Hagqvist**

(57) Abstract :

An apparatus configured to: determine a viewing angle associated with at least one apparatus camera; determine from at least two audio signals at least one audio source orientation relative to an apparatus; and generate at least one spatial filter including at least a first orientation range associated with the viewing angle and a second orientation range relative to the apparatus.

No. of Pages : 47 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR SECURELY BROADCASTING SENSITIVE DATA IN A WIRELESS NETWORK

(51) International classification :H04W 12/10  
(31) Priority Document No :09305676.0  
(32) Priority Date :15/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053144  
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

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)GARCIA MORCHON Oscar**  
**2)KURSAWE Klaus**

(57) Abstract :

The invention relates to a method for securely broadcasting sensitive data in a wireless sensor networks comprising a central device called trust center and a plurality of sensor nodes the trust center being initialized with a cryptographic hash chain and each node being initialized with a node key and the anchor of the trust center hash chain the method comprising the following steps: - the trust center broadcasting a first secure message to the nodes - each node after reception of the first message creating a first acknowledgment message and transmitting it back to the trust center - the trust center checking whether all the nodes have transmitted respective first acknowledgment message and in case all messages have been received - the trust center securely broadcasting sensitive data in a third message - the nodes checking based on elements included in the first message whether sensitive data actually originates from the trust center.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8718/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMAGE RECONSTRUCTION FILTER

(51) International classification :G06T 11/00

(31) Priority Document No :61/176230

(32) Priority Date :07/05/2009

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

(86) International Application No :PCT/IB2010/051540

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)SHECHTER Gilad**

(57) Abstract :

A system for generating a reconstruction filter for an imaging scanner comprises a model bank (124) that includes a model for generating the reconstruction filter a filter criteria bank (122) that includes filter criteria for generating the reconstruction filter and a filter generator (120) that generates the reconstruction filter based on the filter model and the filter criteria. In one non-limiting instance the model is based on minimizing a cost function that includes predetermined filter criteria such as image contrast. In another non-limiting instance the cost function includes terms relating to spatial resolution noise and a signal visual perception in the presence of noise.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8719/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR CONTROLLING TRANSMISSIONS FROM A RESOURCE-RESTRICTED DEVICE&NBSP; AND BATTERYLESS DEVICE

(51) International classification :H04L 12/28

(31) Priority Document No :09305417.9

(32) Priority Date :07/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051815

Filing Date :26/04/2010

(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)ERDMANN Bozena**

**2)LELKENS Armand**

**3)TOLHUIZEN Ludovicus**

**4)YUAN Wei**

(57) Abstract :

The present invention relates to a method for controlling transmissions of a batteryless device (1) operating in a wireless network the method comprising the following steps : - the batteryless device (1) transmitting a frame including elements for controlling operation of a remote device (2a) or controlled device the batteryless device being configured with a predetermined number of planned retransmissions of the control frame - the batteryless device sensing a change in the physical phenomenon induced by operation of the controlled device (2a) - the batteryless device determining based on the sensing step the success or failure of the frame transmission - in case the transmission has succeeded the batteryless device omitting further retransmissions of the control frame. The present invention also relates to a batteryless device carrying out such method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8720/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ARRANGEMENT AND METHOD FOR HEATING OF A MAGNETIC MATERIAL

(51) International classification :A61B 5/05

(31) Priority Document No :09159802.9

(32) Priority Date :08/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051699

Filing Date :19/04/2010

(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)BOEVE Hans M B.**

(57) Abstract :

The present invention relates to an arrangement (10) for heating of a magnetic material (100) located in the centre region of an inscribed sphere within a region of action, which arrangement comprises: - selection means (210) for generating a magnetic selection field (211) having a pattern in space of its magnetic field strength such that a first sub-zone (301) having a low magnetic field strength and a second sub-zone (302) having a higher magnetic field strength are formed in the region of action (300), - drive means (220) for changing the position in space of the two sub-zones (301, 302) in the region of action (300) by means of a magnetic drive field (221) so that the magnetization of the magnetic material (100) changes locally, and - control means (76) for controlling the drive means (220) to change the position in space of the first sub-zone (301) along a sequence of locations around said inscribed sphere for so long and with such a frequency that the centre region of said inscribed sphere is heated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8721/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTROLUMINESCENT DEVICE

(51) International classification :H01L 51/52

(31) Priority Document No :09159731.0

(32) Priority Date :08/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051896

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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(72)Name of Inventor :

**1)BOERNER Herbert F.**

**2)BERTRAM Dietrich**

(57) Abstract :

The invention relates to an electroluminescent device (10) comprising a layer system with a substrate (40) and on top of the substrate (40) a substrate electrode (20) a counter electrode (30) and an electroluminescent layer stack with at least one organic electroluminescent layer (50) arranged between the substrate electrode (20) and the counter electrode (30) characterized in that at least one optical transparent outcoupling body (71) is provided on top of the substrate electrode (20) to increase the outcoupling of light generated by the at least one organic electroluminescent layer (50) at least partly covering the optical transparent outcoupling body (71). The invention further relates to a method to manufacture such a device.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8722/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : KITCHEN APPLIANCE

(51) International classification :A47J 19/02  
(31) Priority Document No :09159738.5  
(32) Priority Date :08/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051852  
Filing Date :28/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)PUCHER Herfried**

(57) Abstract :

A kitchen appliance (1) for processing foodstuff comprises housing (3) surrounding a cavity (4) for receiving said foodstuff. The appliance further comprises an outlet (25) for dispensing pourable foodstuff from the housing (3) and a collector (22) to receive and collect pourable foodstuff and delivering the pourable foodstuff to the outlet (25). The outlet (25) has a spout (5) said spout (5) being hingeable about a substantially horizontal axis (23) between a first position in which the pourable foodstuff can be dispensed from the spout (5) and a second position in which dispensing of the pourable foodstuff from the spout (5) is prevented. Said spout (5) is constructed and arranged to be manipulated by a manipulator acting on the spout (5) so as to urge the spout (5) towards the second position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8723/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHTING UNIT

(51) International classification	:F21S 2/00
(31) Priority Document No	:09159773.2
(32) Priority Date	:08/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051898
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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(72)**Name of Inventor :**  
**1)LORAING Daniela M.**

(57) Abstract :

The invention describes a lighting unit (1), comprising a plurality of lighting modules (10) and a number of connecting elements (2) with coupling means (21, 22), wherein each lighting element (10) comprises at least one planar light-emitting element (11) in an enclosure (12) and a number of counter-coupling means (J1, J2) arranged along at least one edge of the enclosure (12); and wherein neighbouring lighting modules (10) are coupled together detachably by means of at least one connecting element (2) such that the light-emitting element (11) of a first lighting module (10) is electrically connected to the light-emitting element (11) of a second lighting module (10) by an interaction of at least part of the coupling means (21, 22) of the connecting element (2) and at least part of the counter-coupling means (J1, J2) of the corresponding lighting modules (10). The invention also describes a connecting element (2) and a lighting module (10) for assembling such a lighting unit (1).

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8033/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MODULAR INGESTIBLE DRUG DELIVERY CAPSULE

<p>(51) International classification :A61M 31/00 (31) Priority Document No :61/167240 (32) Priority Date :07/04/2009 (33) Name of priority country :U.S.A. (86) International Application No :PCT/IB2010/051453 Filing Date :02/04/2010 (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</p>	<p>(71)Name of Applicant : <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : <b>1)DIJKSMAN Johan F.</b> <b>2)PIERIK Anke</b> <b>3)DE JONGH Frits. T.</b> <b>4)SHIMIZU Jeff</b> <b>5)ZOU Hans</b> <b>6)ALBU Lucian R</b> <b>7)WEINER Olaf H.</b></p>
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(57) Abstract :

An ingestible capsule (10) is provided for delivery of a drug the capsule (10) comprises a first module (11) and a second module (12). The first module (11) has at least one drug compartment (13) for comprising an amount of the drug. The drug compartment (13) is sealed by a foil (14) with an embedded conducting heating wire (15). The second (12) module comprises electronics (18) for providing an electrical pulse to the heating wire (15) in order to open the drug compartment (13) by melting the foil (14). The first module (11) and second module (12) comprise interoperable connection means (19) for securing the first module (11) to the second module (12) such that the heating wire (15) is electronically coupled to the electronics (18).

No. of Pages : 16 No. of Claims : 12



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8034/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROTEIN-BASED METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF COLORECTAL ADENOCARCINOMA

(51) International classification :G01N 33/574  
(31) Priority Document No :09157464.0  
(32) Priority Date :07/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051395  
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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**2)FIJNEMAN Remondus J. A.**

**3)JIMENEZ Cornelia R.**

**4)MEIJER Gerrit A.**

(57) Abstract :

Protein-based methods and compositions for the diagnosis of colorectal adenocarcinoma

No. of Pages : 48 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.838/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : HEADLIGHT STRUCTURE FOR VEHICLE

(51) International classification	:B60Q	(71)Name of Applicant :
(31) Priority Document No	:2011-047606	<b>1)HONDA MOTOR CO. LTD.</b>
(32) Priority Date	:04/03/2011	Address of Applicant :1-1 Minami-Aoyama 2-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MATSUZAKI Teppei</b>
(87) 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 :

[Object] To provide a headlight structure for a vehicle, which may decrease the number of parts and the cost for varying the irradiating direction to the utmost to construct a headlight for a vehicle. [Constitution] As a bulb 33 which is a light source, used is a bulb of a double-filament type including a front filament 48 and a rear filament 49, which are two light emitting sources, in which a lower light shielding plate 54 is disposed below the front filament 48, a first reflecting mirror 43 formed to reflect the light of the front filament 48 and direct it toward a projector lens 30 is disposed at the back of the bulb 33, and a second reflecting mirror 44 formed to reflect the light of the rear filament 49 and direct the light forward not through the projector lens 30 .is disposed below the first reflecting mirror 43.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.838/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR AUTOMATIC SETTING TIME VARYING PARAMETER ALERT AND ALARM LIMITS

(51) International classification :A61B  
(31) Priority Document No :61/225702  
(32) Priority Date :15/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052681  
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)WANG Jyh-Yun J.**  
**3)HOLLAND-MORITZ Marcus**  
**4)WILM Bernd**  
**5)LANGE Axel**  
**6)LATZ Benedikt**  
**7)HUBERT Volker Manfred**  
**8)TIVIG Gerhard**

(57) Abstract :

When monitoring physiological parameters (e.g. blood pressure heart rate etc.) of a patient a threshold limit (30) is set (e.g. automatically or manually) and the monitored parameter is continuously compared to the threshold limit which may be constant or may vary with time. An alarm (36) is triggered if the monitored parameter exceeds the threshold limit at any time or if the monitored parameter has not reached a target value by the end of a predefined time period by which an administered drug or therapy should have been effective.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

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

(51) International classification	:B21D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-51362	<b>1)DENSO CORPORATION</b>
(32) Priority Date	:09/03/2011	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,
(33) Name of priority country	:Japan	AICHI-PREF., 448-8661 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KASHIWAGI, DAISUKE</b>
(87) International Publication No	: NA	<b>2)TSUDA, TOMOYUKI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hole axis (04) of a communication hole (36) is placed at a location, which coincides with a translated location of a hole axis (03) of a connector hole (34) that is translated toward an axial distal end portion of a main body (2) in an axial direction of the main body (2). In this way, with respect to a high pressure flow passage (16), which is bent by 90 degrees and extends through the connector hole (34), the communication hole (36) and an axial flow passage (35), the amount of projection of a projecting portion (49) at an inner side area of this bent, which is located on the inner side of the bent, is reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8474/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR TRANSDERMAL IONTOPHORETIC DELIVERY OF CHELATED AGENTS

(51) International classification :A61N 1/30  
(31) Priority Document No :61/214,642  
(32) Priority Date :25/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/001227  
Filing Date :26/04/2010  
(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)IMRAN Mir**  
**2)HASHIM Mir**  
**3)PATEL Sanjay**  
**4)BERENSON Ronald J.**

(57) Abstract :

Embodiments provide devices systems and methods for the transdermal delivery of chelated compounds. One embodiment provides a method for the iontophoretic transdermal delivery of a chelated iron complex for the treatment of anemia. A first patch comprising an active electrode and a chelated iron complex is applied to the skin; a second patch containing an electrode is also applied. An electrical current is then delivered to the skin from the active electrode. The chelated complex is transported across the skin via electromotive force from the current with the iron being substantially chromogenically unreactive with the skin during transport so that there is little or no tattooing of the skin due to the formation of insoluble oxidative products. The complex is then dissociated to release the iron where it may be bound by transferrin or ferritin for storage or metabolic use such as heme synthesis.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8810/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR COMPARING MOLECULAR SIGNATURES

(51) International classification :G06F 19/00

(31) Priority Document No :61/176989

(32) Priority Date :11/05/2009

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

(86) International Application No :PCT/IB2010/051969

Filing Date :05/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)ALSAFADI Yasser H.**

**2)BANERJEE Nilanjana**

**3)VARADAN Vinay VV**

**4)JANEVSKI Angel J.**

(57) Abstract :

A method (10) for clinical decision support by comparison of multiple molecular signatures of biological data is provided. The method comprises comparing at least two of said molecular signatures are different kinds of molecular signatures. Furthermore a device (70) a system (100) and a computer program product (200) and a use for clinical decision support performing the steps according to the method (10) is provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8811/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CPR DUMMY WITH AN ACTIVE MECHANICAL LOAD

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:09159882.1	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:11/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051873	(72)Name of Inventor :
Filing Date	:29/04/2010	<b>1)WOERLEE Pierre H.</b>
(87) International Publication No	: NA	<b>2)PAULUSSEN Igor W. F.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)JAARTSVELD Frank T. M.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cardiopulmonary resuscitation (CPR) simulation load capable of simulating a reactive force of a patient<sup>TM</sup>s chest upon chest depression, the cardiopulmonary resuscitation simulation load comprising an active actuator (M) arranged to generate at least part of the reactive force, and a controller (CTRL) arranged to provide a control signal to the active actuator. A CPR simulation manikin comprising such a CPR simulation load is also proposed. Furthermore, a method for simulating a reactive force of a patient<sup>TM</sup>s chest during cardiopulmonary resuscitation by means of a simulation manikin, the method comprising: measuring a depression of a simulation manikin chest; calculating a resulting reactive force depending on the measured depression of the simulation manikin chest; applying the resulting reactive force to the patient<sup>TM</sup>s chest by means of an active actuator. With an active actuator the simulated reactive force may be more easily adjusted and the non-linear behavior of a true patient<sup>TM</sup>s chest can be accurately modeled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8812/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LOUDSPEAKER DRIVER AND LOUDSPEAKER ARRANGEMENT

(51) International classification	:H04R	(71)Name of Applicant :
(31) Priority Document No	:09159855.7	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:11/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051920	(72)Name of Inventor :
Filing Date	:03/05/2010	<b>1)GOH KONG SAN Gozali</b>
(87) International Publication No	: NA	<b>2)KWEK Frederick J. K.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GAO Peng</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A loudspeaker arrangement comprises a loudspeaker driver (201) mounted in an enclosure (203). The loudspeaker driver (201) comprises a speaker frame (209) which forms an outer support (221) and an inner support (213). An active radiator (205) is mounted on the inner support (213) and a passive radiator (207) is mounted between and on the inner support (213) and the outer support (221). The loudspeaker driver (201) may be mounted by the outer support (221) being fixed to the enclosure (203). The passive radiator (205) allows a low frequency extension for the loudspeaker driver (201). The integrated design of the active radiator 205 and passive radiator 207 allows the radiators (205 207) to closely interact and behave as a single unit. The approach may reduce cost facilitate manufacturing improve audio quality and/or reduce vibrational stress on the enclosure.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8544/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : REMOTE WAVELENGTH CONVERTING MATERIAL CONFIGURATION FOR LIGHTING

(51) International classification :F21V 8/00  
(31) Priority Document No :12/432521  
(32) Priority Date :29/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051527  
Filing Date :08/04/2010  
(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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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)SHCHEKIN Oleg B.**  
**2)BIERHUIZEN Serge J.**

(57) Abstract :

A device includes a reflector and a wavelength converting material disposed on the reflector. A backlight is disposed between the reflector and a surface to be illuminated such as a liquid crystal display panel. The backlight includes a light source and a waveguide. The waveguide is configured to direct a majority of light from the light source toward the reflector. At least a portion of the light is converted by the wavelength converted material reflected by the reflector and incident on the surface to be illuminated.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8545/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ARRANGEMENT AND METHOD FOR INFLUENCING AND/OR DETECTING MAGNETIC PARTICLES AND FOR MAGNETIC RESONANCE IMAGING

(51) International classification :G01R 33/48

(31) Priority Document No :09159257.6

(32) Priority Date :30/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051790

Filing Date :23/04/2010

(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)GLEICH Bernhard**

(57) Abstract :

Magnetic particle imaging allows the imaging of fast tracer dynamics but there is no native tissue contrast. A combination with MRI solves this issue. However coil geometries in MPI and MRI differ significantly making direct use impractical. According to one aspect of the present invention it is proposed to use pre-polarized MRI to overcome these difficulties. Further methods and arrangements are proposed to achieve MRI imaging with minimal additional hardware.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8546/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A MOBILE NETWORK

(51) International classification :H04W 72/04  
(31) Priority Document No :09305378.3  
(32) Priority Date :29/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051765  
Filing Date :22/04/2010  
(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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**2)SHARP KABUSHIKI KAISHA**  
(72)Name of Inventor :  
**1)BAKER Matthew**  
**2)MOULSLEY Timothy**  
**3)TESANOVIC Milos**

(57) Abstract :

The present invention relates to a method for communicating between a primary station and at least one secondary station comprising configuring a secondary station being in a first state to search at least one of a plurality of search spaces having a first structure said first structure consisting of at least a first number of resource sets having a first size where at least one resource set might be used to transmit a message to the considered secondary station changing the search space structure to a second structure different from the first structure when the secondary station enters into a second state.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8547/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A MOBILE NETWORK

(51) International classification :H04L  
(31) Priority Document No :09305386.6  
(32) Priority Date :30/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051771  
Filing Date :22/04/2010  
(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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**2)SHARP KABUSHIKI KAISHA**  
(72)Name of Inventor :  
**1)TESANOVIC Milos**  
**2)MOULSLEY Timothy**  
**3)BAKER Matthew**

(57) Abstract :

The present invention relates to a method for operating a communication system in a network the system comprising a primary station and at least one secondary station the primary station comprising a plurality of transmit antennas and the secondary station comprising a plurality of receive antennas the method comprising the steps of the primary station selecting a first communication scheme among a plurality of communication schemes the primary station computing a transmission vector on the basis of the first communication scheme the secondary station computing a reception vector on the basis of a second communication scheme the second communication scheme being selected among the plurality of communication schemes by the secondary station on the assumption that a predetermined communication scheme is being used by the primary station.

No. of Pages : 15 No. of Claims : 16

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:H01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-004877	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:13/01/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-
(33) Name of priority country	:Japan	CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HATANAKA, KAORU</b>
(87) International Publication No	: NA	<b>2)TANIGUCHI, YOICHI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)YONEHANA, ATSUSHI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem to be Solved] To provide an electric vehicle with simple structure allowing effective cooling of on-board batteries collectively-disposed within a swing arm. [Solution] An electric vehicle includes a swing arm 30 that houses: an electric motor M that is swingably mounted to a vehicle body of the electric vehicle 1 and drives a drive wheel WR of the electric vehicle 1; and batteries 40a and 40b of a substantially rectangular parallelepiped. In the electric vehicle, a wide case portion 34 that houses the batteries 40a and 40b is formed at a position toward a pivot shaft 19 of the swing arm 30. Also, a protruding portion 58 for forming an air reservoir space 59a above the batteries 40a and 40b is formed at a roof portion of the wide case portion 34. The batteries 40a and 40b are disposed side by side in a front-rear direction of the vehicle body. The protruding portion 58, in a side view of the vehicle body, is in the form of a substantially convex protruding upward across the batteries 40a and 40b. A surface of the protruding portion 58 is provided with heat releasing fins 100.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2708/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PNEUMATIC CIRCUIT FOR TIRE TESTING DEVICE, TIRE TESTING DEVICE, AND TIRE TESTING METHOD

(51) International classification	:G01M 17/02	(71)Name of Applicant :
(31) Priority Document No	:2009-222463	<b>1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)</b>
(32) Priority Date	:28/09/2009	Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/066608	<b>1)OKADA, TORU</b>
Filing Date	:24/09/2010	<b>2)MURAKAMI, MASAO</b>
(87) International Publication No	:WO 2011/037212	<b>3)HONKE, KOICHI</b>
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a tire testing device capable of suppressing variations in air pressure occurring during tire testing by adjusting the temperature of air supplied to a tire. Specifically disclosed is a pneumatic circuit (1) of a tire testing device (2), which comprises an air supply source (10) that supplies air to a tire (T) mounted between a pair of rims (6, 7) and a pressure regulating valve (13) that regulates the pressure of the air supplied from the air supply source (10) to the tire (T) to a bead air pressure for inflating the tire (T) so that the tire (T) can be mounted on the rims (6, 7) or to a test air pressure that is lower than the bead air pressure and that is used during tire testing. The pneumatic circuit (1) of the tire testing device (2) also comprises an air temperature adjusting mechanism (21) that can cool the air supplied to the tire (T) at the bead air pressure such that the temperature thereof is reduced to a temperature lower than that of the outside air.

No. of Pages : 36 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MOBILE STATIONS TO IDENTIFY RADIO ACCESS TECHNOLOGIES

(51) International classification :H04W 48/16  
(31) Priority Document No :12/435,357  
(32) Priority Date :04/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/CA2010/000650  
Filing Date :04/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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**2)HOLE David Phillip**

**3)SUZUKI Takashi**

**4)RAYAVARAPU Venkata Ratnakar Rao**

**5)EARNSHAW Andrew Mark**

**6)WIJAYANATHAN Maiyuran**

**7)BURBIDGE Richard Charles**

**8)YOUNG Gordon Peter**

(57) Abstract :

A mobile station capable of being served via a first radio access technology (RAT) and a second RAT. The mobile station includes a component configured to receive a permission to identify a cell of the first RAT in absence of a first radio access type neighbour cell list for a serving cell of the second RAT. The mobile station also includes a component configured to identify a cell of the first RAT after receiving the permission.

No. of Pages : 52 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.831/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : INDUCTIVE POWER TRANSFER

(51) International classification :H02J 7/02  
(31) Priority Document No :09165294.1  
(32) Priority Date :13/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053140  
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

(71)Name of Applicant :  
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(72)Name of Inventor :  
**1)WAGENINGEN Andries van**  
**2)BOER Bart Michiel DE**  
**3)LOEF Christoph**  
**4)YSEBOODT Lennart**  
**5)TREFFERS Menno Anne**  
**6)PASVEER Willem Franke**  
**7)WAFFENSCHMIDT Eberhard**

(57) Abstract :

The invention relates to a system for transmitting power inductively from a transmitter (11) to a receiver (10) the receiver (10) comprising a signal generator for generating a signal triggered by an event reflecting that the receiver intends to receive power from the transmitter wherein said signal intends to activate said transmitter from standby mode to activated mode; and comprising a signal transmitting coil (103) for transmitting said signal to said transmitter; said transmitter (11) comprising a signal receiving coil (112); a detector (114) for detecting said signal received by the receiving coil; and a unit (115) for activating the transmitter from standby mode to activated mode upon the detection of said signal.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.832/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM&NBSP; METHOD AND COMPUTER PROGRAM FOR OPERATING A PLURALITY OF COMPUTING DEVICES

(51) International classification	:G06F 3/038
(31) Priority Document No	:09165399.8
(32) Priority Date	:14/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053028
Filing Date	:01/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)LUDWIG Alf**  
**2)BECK Roland Claus**

(57) Abstract :

The invention relates to a computing system (10) for operating a plurality of computing devices (12 14 16) the computing system (10) comprising one of the computing devices (12 14 16) and an image composing unit (18) for generating a common video signal for a display device (20). According to the invention the one computing device is a one computing device (12) adapted for:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : enzymes and methods for resolving Amino Vinyl Cyclopropane Carboxylic Acid DERIVATIVES

(51) International classification :C07C 229/32

(31) Priority Document No :61/222,767

(32) Priority Date :02/07/2009

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

(86) International Application No :PCT/US2010/040900

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 :

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**2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.**

(72)Name of Inventor :

**1)Ian N. Taylor**

**2)Michael C. Lloyd**

**3)Adrian Heseltine**

(57) Abstract :

Preparation and isolation of amino vinyl cyclopropane carboxylic acid derivatives and salts thereof methods of resolving enantiomers and methods of identifying compositions and/or enzymes that are capable of resolving racemic or partially enantiomerically enriched mixtures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4509/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SHARING MEDIA UPON REQUEST VIA SOCIAL NETWORKS

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)NOKIA CORPORATION**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland

(72)Name of Inventor :

**1)Dhaval Jitendra Joshi**

(57) Abstract :

An approach is provided for determining requests for media and responding in substantially real-time utilizing a single user interface. The social network client determines one or more requests from one or more requesting users to capture media related to at least one social networking status of one or more sharing users. The social network client then causes, at least in part, an indication of the one or more requests to the one or more sharing users related to the at least one social networking status.

No. of Pages : 54 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.811/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : HYPERSPECTRAL IDENTIFICATION OF EGG FERTILITY AND GENDER•

(51) International classification :G01N 33/08

(31) Priority Document No :61/220,211

(32) Priority Date :25/06/2009

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

(86) International Application No :PCT/IL2010/000512

Filing Date :27/06/2010

(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)YISSUM RESEARCH DEVELOPMENT COMPANY  
OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.**

Address of Applicant :Edmond J Safra Campus Givat Ram  
91931 Jerusalem Israel.

**2)RAMOT AT TEL AVIV UNIVERSITY LTD.**

(72)Name of Inventor :

**1)ROZENBOIM Israel**

**2)BEN DOR Eyal**

(57) Abstract :

A hyperspectral method for detecting the present condition of an avian egg is disclosed in which a neural network algorithm is used to compare the spectrum of a test egg against a spectral library. The method can detect fertility with greater than 90% reliability on the day of laying and the gender of the chick with greater than 75% reliability on the 12th day after laying.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8122/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : EFFICIENT ADDRESS ASSIGNMENT IN CODED LIGHTING SYSTEMS

(51) International classification :H05B 37/02

(31) Priority Document No :09157573.8

(32) Priority Date :08/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051420

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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**2)YANG Hongming**

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**6)LINNARTZ Johan P. M. G.**

(57) Abstract :

Coded light has been proposed to enable advanced control of light sources and transmit information using light sources. It is based on invisibly embedding of data and identifiers in their light output. Methods devices and systems configured to efficient assignment of addresses in a coded lighting system still allowing for unique identification are proposed. More specifically the assignment of addresses occurs in two phases where in the initial phase wide area unique addresses are used while in the second phase only local area unique addresses are used. Also methods devices and systems configured to efficiently distribute a set of addresses over a set of light sources in this second phase to maximize the performance of the illumination contribution estimation and positioning are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8970/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PHOSPHODIESTERASE 9A AS PROSTATE CANCER MARKER

(51) International classification :C12Q 1/68  
(31) Priority Document No :09159957.1  
(32) Priority Date :12/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052069  
Filing Date :11/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**2)THE UNIVERSITY COURT OF THE UNIVERSITY  
OF GLASGOW**  
(72)**Name of Inventor :**  
**1)HOFFMANN Ralf**  
**2)HOUSLAY Miles D.**  
**3)HENDERSON David J. P.**

(57) Abstract :

The present invention relates to phosphodiesterase 9A (PDE9A) for use as a marker for prostate cancer, and the use of PDE9A as a marker for diagnosing, detecting, monitoring or prognosticating prostate cancer or the progression of prostate cancer. The present invention also relates to a composition for diagnosing, detecting, monitoring or prognosticating prostate cancer or the progression of prostate cancer, a corresponding method and immunoassay, a method for diagnosing, monitoring or prognosticating hormone-resistant prostate cancer vs. hormone-sensitive prostate cancer, a corresponding immunoassay, a method of data acquisition, an immunoassay for diagnosing, detecting, monitoring or prognosticating prostate cancer or the progression of prostate cancer, a method of identifying an individual for eligibility for prostate cancer therapy, an immunoassay for stratifying an individual or cohort of individuals with a prostate cancer disease, an immunoassay for stratifying an individual with prostate cancer. The present invention further envisages pharmaceutical compositions and their use for the treatment of prostate cancer, in particular hormone-resistant prostate cancer.

No. of Pages : 114 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8971/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTELLIGENT DIMMER FOR MANAGING A LIGHTING LOAD

(51) International classification :H05B 37/02

(31) Priority Document No :61/177315

(32) Priority Date :12/05/2009

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

(86) International Application No :PCT/IB2010/051950

Filing Date :04/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)PEARLMAN Gordon Wayne**

**2)ROGERS Peter Robert**

**3)KLUSMANN Donald Louis**

(57) Abstract :

An intelligent dimmer (12) for managing a lighting load (172) coupled to an AC voltage source (174) is disclosed. In particular embodiments the intelligent dimmer (12) may be incorporated into a system (10) and method (220 228) for managing lighting power density. In one embodiment of the intelligent dimmer (12) a control circuit (170) is coupled between the lighting load (172) and the AC voltage source (174). A threshold load current value is established for the lighting load (172). A line voltage sensor (178) reads the line voltage across the lighting load (172) and a load sensor (178) samples the load current being provided to the lighting load (172).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8972/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PHOSPHODIESTERASE 4D7 AS PROSTATE CANCER MARKER

(51) International classification :C12Q 1/68  
(31) Priority Document No :09159960.5  
(32) Priority Date :12/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052073  
Filing Date :11/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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**2)THE UNIVERSITY COURT OF THE UNIVERSITY  
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(72)**Name of Inventor :**  
**1)HOFFMANN Ralf**  
**2)HOUSLAY Miles D.**  
**3)HENDERSON David J. P.**

(57) Abstract :

The present invention relates to phosphodiesterase 4D7 (PDE4D7) for use as a marker for prostate cancer and the use of PDE4D7 as a marker for diagnosing detecting monitoring or prognosticating prostate cancer or the progression of prostate cancer.

No. of Pages : 92 No. of Claims : 21



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8973/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : LED LAMP PRODUCING SPARKLE

(51) International classification	:F21V 5/04
(31) Priority Document No	:12/464486
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051538
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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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)BIERHUIZEN Serge**  
**2)BUTTERWORTH Mark**

(57) Abstract :

A substantially hemispherical lens surrounding an LED die is described that creates a sparkle as an observer views the lens from different angles. The lens is formed of an interconnected array of 100-10 000 or more lenslets. Each lenslet focuses an image of the LED die at an output of the lenslet such that the LED die image area at the output is less than 1/9 the area of the LED die to create a substantially point source image of the LED die at an outer surface of the lens. When the LED die is energized the shape of each lenslet causes point source images of the LED die to be perceived by an observer at various viewing angles such that the emitted LED light appears to sparkle and speckle as the observer moves relative to the lens.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8974/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : X-RAY SOURCE WITH A PLURALITY OF ELECTRON EMITTERS

(51) International classification :G21K 5/04  
(31) Priority Document No :09159977.9  
(32) Priority Date :12/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052107  
Filing Date :12/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)VOGTMEIER Gereon**  
**2)CHROST Wolfgang**

(57) Abstract :

The invention relates to an X ray source (100) with an electron beam generator (120) for generating electron beams (B B) that converge towards a target (110). Thus the spatial distribution of X ray focal spots (T T) on the target (110) can be made denser than the distribution of electron sources (121) wherein the latter is usually dictated by hardware limitations. The electron beam generator (120) may particularly comprise a curved emitter device (140) with a matrix of CNT based electron emitters (141) and an associated electrode device (130).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8975/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CAMERA&NBSP; SYSTEM COMPRISING A CAMERA&NBSP; METHOD OF OPERATING A CAMERA AND METHOD FOR DECONVOLUTING A RECORDED IMAGE

(51) International classification :H04N 5/232  
(31) Priority Document No :09160007.2  
(32) Priority Date :12/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051847  
Filing Date :28/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)MULJS Remco**  
**2)ZNAMEENSKIY Dmitry Nikolaevich**  
**3)SCHMEITZ Harold**  
**4)VLUTTERS Ruud**  
**5)VAN HEESCH Franciscus**

(57) Abstract :

A camera and system comprising a camera in which during exposure the ratio of the distance between the lens and the sensor and the focal length is changed. The rate of change is set such that motion invariant imaging is achievable for practical speed ranges i.e. speed of up to at least 5 km/hour at 2 meter distance of the lens by deconvoluting the compound image. Preferably the achievable speed range is at least twice as high. A linear motion of the sensor is preferred.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8976/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PERFUSION IMAGING

(51) International classification	:A61B 6/03	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/177348	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:12/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051541	(72) <b>Name of Inventor :</b>
Filing Date	:09/04/2010	<b>1)PROKSA Roland</b>
(87) International Publication No	: NA	<b>2)GRASS Michael</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method includes decomposing with a decomposer (118) agent-based time series projection data for an object or a subject into at least an agent based component. A projection data decomposer (118) includes a time series decomposer (204) that determines agent-based projection data based on agent-based time series projection data based on at least two energy dependent components. A computer readable storage medium containing instructions which when executed by a computer cause the computer to perform the act of: determining an agent-based component of agent-based time series projection data utilizing at least two components of the agent-based time series projection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8977/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PHOSPHODIESTERASE 4D7 AS MARKER FOR MALIGNANT&NBSP; HORMONE-SENSITIVE PROSTATE CANCER

(51) International classification	:C12Q 1/68	(71)Name of Applicant :
(31) Priority Document No	:09159960.5	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:12/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052072	<b>2)THE UNIVERSITY COURT OF THE UNIVERSITY</b>
Filing Date	:11/05/2010	<b>OF GLASGOW</b>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)HOFFMANN Ralf</b>
Filing Date	:NA	<b>2)HOUSLAY Miles D.</b>
(62) Divisional to Application Number	:NA	<b>3)HENDERSON David J. P.</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to phosphodiesterase 4D7 (PDE4D7) for use as a marker for malignant hormone-sensitive prostate cancer wherein the expression of the marker is increased when comparing the expression in malignant hormone-sensitive prostate cancer tissue to the expression in normal tissue or benign prostate tumor tissue and the use of PDE4D7 as a diagnostic marker for malignant hormone-sensitive prostate cancer. The present invention also relates to a composition for diagnosing detecting monitoring or prognosticating malignant hormone-sensitive prostate cancer a corresponding detection method a method allowing to discriminate between a benign and malignant hormone-sensitive prostate cancer and a method of data acquisition as well as corresponding immunoassays.

No. of Pages : 128 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4503/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : THE RELATION BETWEEN BOILING POINT OF LIQUIDS AND DENSITY OF LIQUIDS BY R.VELMURUGAN

(51) International classification	:G01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)R. VELMURUGAN</b>
(32) Priority Date	:NA	Address of Applicant :146/5 NORTH STREET
(33) Name of priority country	:NA	SENGAMEDU(VILL), AVINANGUDI(PO),
(86) International Application No	:NA	TITTAGUDI(TK), CUDDALORE(DT) Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)R. VELMURUGAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When I(R.VELMURUGAN) studying about boiling point and density in a scientific data book , boiling point of liquids found to possess linear or direct proportionality with density of liquids, this incidence induce me to make formula that govern relation between boiling point of liquids with density of liquids .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.836/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTACT DETECTION DEVICE FOR DETECTING A PHYSICAL CONTACT BETWEEN THE CONTACT DETECTION DEVICE AND AN OBJECT

(51) International classification :G01K 7/42  
(31) Priority Document No :09165390.7  
(32) Priority Date :14/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053102  
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

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)KLEWER Jasper**

(57) Abstract :

The present invention is related to a contact detection device (100) for detecting a contact between the contact detection device (100) and an object (800), a method (400), a diagnostic device and further to a computer program. The invention seeks to improve the reliability of contact sensors. The contact detection device (100) comprises a heater (110) for providing a modulated heat flow (112). A modulated heat signal (122) is generated in dependence of the modulated heat flow (112). A physical contact with an object (800) causes a change in the modulated heat flow (112) that effects the modulated heat signal (122). As the heat flow is modulated, a change in the modulated heat signal (122) is quasi assured. A contact determination unit (130) of the contact detection device (100) derives a contact indication signal (132) indicating at least either the presence or the absence of the physical contact in from the modulated heat signal (122), preferentially by means of a demodulator (134).

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.837/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS WITH INTERNAL POWER TRANSFER

(51) International classification :A61N 1/08  
(31) Priority Document No :09165520.9  
(32) Priority Date :15/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052987  
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)TOL Jeroen Jacob Arnold**  
**2)BUDZELAAR Franciscus Paulus Maria**

(57) Abstract :

The invention relates to an electronic apparatus (I) with a DC power source (B) and power-consuming electronic circuits (EC) and to a method of transferring power between these components. The DC voltage of the power source (B) is converted into an AC voltage which is then transferred via a connector (C) to the electronic circuits (EC). Negative effects due to a contamination of the connector (C) with moisture from the environment can hence be minimized. The invention is particularly suited for implantable devices as it allows to couple a replaceable battery (B) with electronic circuits (EC) via a non sealed connector (C).

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9065/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SHARP TRANSITION IN CIRCULAR LIGHT GUIDED RING FOR USER INTERFACE WITH FUNCTIONALITIES WITH A CLEAR BEGINNING AND END

(51) International classification :H05B 33/08

(31) Priority Document No :09160103.9

(32) Priority Date :13/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052041

Filing Date :10/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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**1)PEZUTTI Daniel K**

**2)VAN DE VEN Ramon E. F.**

**3)DE GOEDEREN-OEI Ay L.**

**4)PELZER Thomas J. G.**

**5)SEVO Kristina**

**6)DAMMER Henk A.**

(57) Abstract :

The present invention relates to a control device adapted to control properties of light emitted from a light source. The control device may comprise a touch-sensitive user interface adapted to visually indicate a range of available values representing at least one of the properties and to enable a user to control the represented property on the basis of a location touched on the touch-sensitive user interface. The controlled property may be adjusted by means of a communication unit adapted to communicate to the light source control signals corresponding to user input. The user interface may comprise at least one discontinuity-indicating element adapted to visually indicate a step discontinuity in the range of available values representing the at least one property.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9066/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ACTIVE PILLOW SYSTEM AND A METHOD FOR MANIPULATING A PERSONS RESTING CONDITIONS

<p>(51) International classification :A47G 9/10 (31) Priority Document No :09160160.9 (32) Priority Date :13/05/2009 (33) Name of priority country :EPO (86) International Application No :PCT/IB2010/052066 Filing Date :11/05/2010 (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : <b>1)ALBU Mirela A.</b> <b>2)NEWTON Philip S.</b> <b>3)FONSECA Pedro</b> <b>4)CHESTAKOV Dmitri</b> <b>5)DU Jia</b> <b>6)BUIL Vincentius P.</b> <b>7)SCHOLTEN Liesbeth M.</b> <b>8)PRONK Serverius P. P.</b> <b>9)REES Fiona</b></p>
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(57) Abstract :

The present invention relates to a an active pillow system and a method for manipulating a persons resting conditions wherein the actual resting conditions of the person are determined by a sensor unit an actigraph a temperature sensor and/or a humidity sensor for instance and wherein an actuator like an acoustic synthetic jet cooling mechanism is triggered by the determined actual resting conditions for manipulating the persons resting conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8813/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AEROSOL DRUG DELIVERY APPARATUS AND METHOD

(51) International classification :A61M	(71)Name of Applicant :
(31) Priority Document No :61/216022	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date :11/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country :U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No :PCT/IB2010/052060	(72)Name of Inventor :
Filing Date :10/05/2010	<b>1)SMALDONE Gernald C.</b>
(87) 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 drug delivery apparatus (5, 5, 5, 5) for delivering an aerosol including a drug to a patient includes an aerosol generator (45, 50, 55, 60) for generating the aerosol from a supply of the drug, and a mouthpiece component (30, 30, 30, 30) structured to be inserted into the mouth of the patient. The mouthpiece component is operatively coupled to the aerosol generator for receiving the aerosol and delivering the aerosol to the patient. The mouthpiece component has a ventral surface (85, 85, 85) structured to face a tongue (100) of the patient when the mouthpiece component is inserted into the mouth of the patient and may include a tongue apex positioning element (90, 90, 90, 105) provided on the ventral surface. The ventral surface, and if present, the tongue apex positioning element is/are structured to engage the apex (95) of the tongue of the patient during use of the drug delivery apparatus to properly position the tongue.

No. of Pages : 35 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8814/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUDIO NOISE CANCELLING

(51) International classification :G10K  
(31) Priority Document No :09159895.3  
(32) Priority Date :11/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051936  
Filing Date :04/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
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(72)**Name of Inventor :**  
**1)VAN LEEST Adriaan J.**

(57) Abstract :

A noise canceling system comprises a microphone (103) for generating a captured signal representing sound in an audio environment and a sound transducer (101) for radiating a sound canceling audio signal in the audio environment. A feedback path (105 107 109 111 113) exists from the microphone (103) to the sound transducer (101) and comprises a feedback filter (109). A tone processor (119) determines a tone component characteristic for a tone component of a feedback signal of the feedback path (105 107 109 111 113) and an adaptation processor (121) adapts the feedback path in response to the tone component characteristic. The invention allows detection of the onset of instability and dynamic compensation to mitigate or prevent such instability. Accordingly increased design freedom for the feedback filter is achieved resulting in improved noise cancellation.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.928/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : CLOSED TYPE BLOOD RESERVOIR AND EXTRACORPOREAL BLOOD CIRCULATION APPARATUS USING THE SAME•

(51) International classification	:A61M 1/36	(71)Name of Applicant :
(31) Priority Document No	:2005-290210	<b>1)JMS CO. LTD.</b>
(32) Priority Date	:03/10/2005	Address of Applicant :12-17 Kakomachi Naka-ku
(33) Name of priority country	:Japan	Hiroshima-shi Hiroshima 7308652 Japan
(86) International Application No	:PCT/JP2006/319 84	(72)Name of Inventor :
Filing Date	:03/10/2006	<b>1)MAEDA Hiroyuki</b>
(87) International Publication No	: NA	<b>2)KAWARABATA Shigeki</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:1733/CHENP/2008	
Filed on	:04/04/2008	

(57) Abstract :

An example of the closed-type blood reservoir of the invention is furnished with an outer shell in which a space is formed within its interior, a flexible septum that is interposed between a blood storage chamber shell and a volume adjustment chamber shell and that divides the space into a blood storage chamber for storing blood and a volume adjustment chamber for storing volume adjustment liquid, a blood inlet port, a blood outlet port, and a blood storage chamber air discharge port that are provided in the blood storage chamber shell such that they are in communication with the blood storage chamber, and a volume adjustment liquid port that is provided in the volume adjustment chamber shell such that it is in communication with the volume adjustment chamber, for injecting and ejecting the volume adjustment liquid into and away from the volume adjustment chamber, wherein the blood inlet port and the blood outlet port each are provided tangentially to the inner surface of the blood storage chamber shell such that blood that flows into the blood storage chamber from the blood inlet port can swirl along the inner surface of the blood storage chamber shell, and wherein the closed-type blood reservoir has a first blood flow route, provided in the blood storage chamber, that is formed by an outward concavity of the inner surface of the blood storage chamber shell, and that is in communication with the blood outlet port and at least part of which is formed in the direction of extension of the blood outlet port.

No. of Pages : 76 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8906/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR LONGITUDINAL STRETCHING A FILM IN SOLID STATE AND APPARATUS TO CARRY OUT THE METHOD

(51) International classification	:B29C 55/06	(71)Name of Applicant :
(31) Priority Document No	:0907755.3	<b>1)RASMUSSEN Ole-Bendt</b>
(32) Priority Date	:06/05/2009	Address of Applicant :Sagenstrasse 12 CH-6318 Walchwil
(33) Name of priority country	:U.K.	Switzerland
(86) International Application No	:PCT/EP2010/056220	(72)Name of Inventor :
Filing Date	:06/05/2010	<b>1)RASMUSSEN Ole-Bendt</b>
(87) International Publication No	: NA	<b>2)RASMUSSEN Nikolaj Wettergren</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method and apparatus for longitudinal orientation of thermoplastic film material (20) comprises a width-reduction zone upstream of the longitudinal stretching zone (9, 10), through which the width of the film is gradually reduced so as to allow longitudinal stretching without necking. The width-reduction zone comprises at least two sets of pleating rollers (7, 1) comprising intermeshing grooves or discs for pleating the material. The downstream (1) rollers comprise a mini-roller defined by the following measures a) the pitch of the corrugations, measured from middle of tip to middle of each neighbouring tip is 20 mm or less; b) the perimeter from middle of a tip to the middle of each neighbouring tip measured along the corrugated roller surface, divided by the said pitch is in the range between 1,10 and 1,80; and c) the diameter of the mini-roller, measured at the tips of the corrugations, is at the highest 4 times the said pitch. Preferably a pair of mini-roller sets is arranged on opposing sides of the film in reciprocating mounts enabling alternate entwining of the film around one then the other mini-roller. The method allows achievement of high tensile strength, yield point, resistance to tear propagation and puncture resistance, especially for polyethylene and polypropylene films.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8907/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHODS FOR MANUFACTURING A PAINT ROLLER AND COMPONENTPARTS THEREOF

(51) International classification	:B05C 17/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2010/033734
Filing Date	:05/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)Chandra SEKAR**

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NY 11507 U.S.A.

(72)**Name of Inventor :**

**1)Chandra SEKAR**

(57) Abstract :

Described are methods of making a paint roller using an adhesive made from a compound of polypropylene and calcium carbonate having between 5% and 66% calcium carbonate by weight. Described are methods of making a paint roller using preformed strips or core material made from a compound of polypropylene and calcium carbonate having between 5% and 66% calcium carbonate by weight. Described are methods of making a paint roller using a composite cover material made from a compound of polypropylene and calcium carbonate having between 5% and 50% calcium carbonate by weight. One or various compounds may be used to form portions of one or multiple components that make up the paint roller including for example the thermoplastic strips adhesives and/or the backing of a composite cover material. The materials can be assembled in a continuous manufacturing process.

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.93/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : COMMUNICATION SYSTEM AND METHOD FOR DIRECTLY TRANSMITTING SIGNALS BETWEEN NODES OF A COMMUNICATION SYSTEM

(51) International classification	:H04L,	(71)Name of Applicant :
(31) Priority Document No	:11 150	<b>1)NTT DOCOMO, INC.</b>
(32) Priority Date	495.7	Address of Applicant :SANNO PARK TOWER, 36TH
(33) Name of priority country	:10/01/2011	FLOOR, 11-1, NAGATA-CHO 2-CHOME, CHIYODA-KU,
(86) International Application No	:EPO	TOKYO 100-6150 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)CHOI, CHANGSOON</b>
(61) Patent of Addition to Application Number	:NA	<b>2)WEI, QING</b>
Filing Date	:NA	<b>3)BIERMANN, THORSTEN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communication system has a plurality of nodes (1021-102n) adapted to provide for a communication with one or more devices, a central node (100), a passive optical network (106) comprising a multiplexer/demultiplexer device (108) adapted to demultiplex a first optical signal from the central node (100) to the plurality of nodes (1021-102n), and to multiplex second optical signals from one or more of the nodes (1021-102n), each node (102r 102n) having allocated a wavelength for generating its optical signal, wherein for directly transmitting signals from one node (1021-102n) to at least one of the other nodes (102r 102n), the one node (1021-102ž) is adapted to generate an optical signal at the wavelength allocated to the at least one of the other nodes (1021-102n), the optical signal including the signal to be transmitted, and wherein the multiplexer/demultiplexer device (108) of the passive optical network (106) is adapted to combine the optical signal from the one node (102i-102n) with the first optical signal.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8632/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR SECURING COMMUNICATIONS IN A WIRELESS NETWORK&NBSP; AND RESOURCE-RESTRICTED DEVICE THEREFOR

(51) International classification :H04L 9/00  
(31) Priority Document No :09305400.5  
(32) Priority Date :05/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051814  
Filing Date :26/04/2010  
(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)ERDMANN Bozena**  
**2)RUDLAND Philip Andrew**  
**3)KURSAWE Klaus**  
**4)GARCIA MORCHON Oscar**

(57) Abstract :

The present invention relates to a method for securing communications between a resource-restricted device (1) and a receiving device (2) according to a wireless protocol the method comprising the following steps : - storing in a first part (11) of a non-volatile memory of the resource-restricted device (1) at least one encrypted payload - storing in a second part (12) of the non-volatile memory of the resource-restricted device (1) a pointer pointing towards an encrypted payload stored in the memory - when a transmission is to be performed by the resource-restricted device (1) sending the encrypted payload indicated by the pointer and storing in the second part (12) of the non-volatile memory an updated pointer indicating a next-to-be-used encrypted payload stored in the memory

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8633/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : EXTENSION OF CONTACT PADS TO THE DIE EDGE VIA ELECTRICAL ISOLATION

(51) International classification :H01L 33/38  
(31) Priority Document No :12/436442  
(32) Priority Date :06/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051627  
Filing Date :14/04/2010  
(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)MARGALITH Tal**  
**2)SCHIAFFINO Stefano**  
**3)CHOY Henry Kwong-Hin**

(57) Abstract :

Light emitting diode (LED) dies are fabricated by forming LED layers including a first conductivity type layer a light-emitting layer and a second conductivity type layer. Trenches are formed in the LED layers that reach at least partially into the first conductivity type layer. Electrically insulation regions are formed in or next to at least portions of the first conductivity type layer along the die edges. A first conductivity bond pad layer is formed to electrically contact the first conductivity type layer and extend over the singulation streets between the LED dies. A second conductivity bond pad layer is formed to electrically contact the second conductivity type layer and extend over the singulation streets between the LED dies and the electrically insulated portions of the first conductivity type layer. The LED dies are mounted to submounts and the LED dies are singulated along the singulation streets between the LED dies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9366/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : HEART RATE MEASURING DEVICE

(51) International classification	:A61B 5/11
(31) Priority Document No	:09160455.3
(32) Priority Date	:18/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051998
Filing Date	:06/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)AARTS Ronaldus M.**  
**2)BAMBANG OETOMO Sidarto**

(57) Abstract :

The invention relates to a heart rate measuring apparatus and a method adapted for measuring a subjects (6) heart rate and/or heart rate variation. The heart rate measuring apparatus (1) comprises a holder (2) adapted for carrying a portion of a body part of the subject (6) lying on or resting against the holder (2) a motion sensor (4) operatively connected to the holder (2) wherein the holder (2) is adapted for being at least partly moveable in a horizontal direction relative to the ground (7) the motion sensor (4) being adapted for measuring a signal generated by a movement of the subject (6) at least partly in the horizontal direction. In this way a reliable signal is obtained adapted for measuring the heart rate and/or heart rate variation of a subject while keeping the implementation costs low.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.937/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING MOVING OBJECTS

(51) International classification	:G06K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11161684.3	<b>1)OPTOSYS SA</b>
(32) Priority Date	:08/04/2011	Address of Applicant :ROUTE ANDRE PILLER 50, CH-
(33) Name of priority country	:EPO	1762 GIVISIEZ Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HEIMLICHER, PETER</b>
(87) International Publication No	: NA	<b>2)RHEME, CHARLES</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a device for monitoring objects (2) that are moved along a trajectory (T) with a relative distance (D) from each other, the objects comprising a section (4) that is transparent or translucent in the visible light spectrum, wherein a light beam (8) is directed transverse to the trajectory (T) such that the objects (2) subsequently cross the light beam (8) at said section (4), and wherein light from said light beam (8) is detected by a detector (7). In order to improve the monitoring reliability in a cost-efficient manner, the invention proposes that the light beam (8) comprises light at a wavelength range that is substantially untransmittable through said section (4), and that the presence and/or absence of an object (2) is determined on the basis of a transitional time period during which substantially no light and/or during which light within said untransmittable wavelength range is detected by the detector (7). For the same purpose, the monitoring device comprises an output circuit (9) for generating an output signal representative of the detected light intensity relative to a predetermined detection threshold value, the output signal indicating the presence and/or absence of an object (2) during a transitional time period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9067/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ULTRASONIC BLOOD FLOW DOPPLER AUDIO WITH PITCH SHIFTING

(51) International classification :A61B 8/06

(31) Priority Document No :61/177673

(32) Priority Date :13/05/2009

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

(86) International Application No :PCT/IB2010/051712

Filing Date :19/04/2010

(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)AGARWAL Anup**

**2)HOPE SIMPSON David**

**3)CLARK David W.**

(57) Abstract :

An ultrasonic diagnostic imaging system produces audio Doppler from detected Doppler signals. The Doppler signals are detected in a band of frequencies which corresponds to the velocity of blood flow signals and Doppler information is displayed based on the detected band of frequencies. The audio Doppler system produces Doppler audio in a frequency band which is shifted in pitch from the detected band of frequencies. The operator of the ultrasound system is provided with a user control by which the degree of pitch shifting can be controlled. The ultrasound system displays Doppler blood flow velocities referenced to a transmit Doppler frequency  $f_0$  with the audio Doppler being shifted in pitch from the frequencies corresponding to the blood flow velocities.

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

(54) Title of the invention : SYSTEM FOR DETECTING GLOBAL PATIENT MOVEMENT DURING IMAGING PROCEDURES

(51) International classification :A61B 6/00  
 (31) Priority Document No :09160106.2  
 (32) Priority Date :13/05/2009  
 (33) Name of priority country :EPO  
 (86) International Application No :PCT/IB2010/052042  
       Filing Date :10/05/2010  
 (87) International Publication No : NA  
 (61) Patent of Addition to Application Number :NA  
       Filing Date :NA  
 (62) Divisional to Application Number :NA  
       Filing Date :NA

(71)Name of Applicant :  
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 (72)Name of Inventor :  
**1)HENDRIKS Bernardus H. W.**  
**2)VAN BEEK Michael C.**  
**3)REDERT Peter-Andre**  
**4)DE BRUIJN Frederik J.**  
**5)BABIC Drazenko**  
**6)HOMAN Robert J. F.**  
**7)BRASPENNING Ralph**  
**8)LEE Wei P.**  
**9)VAN BREE Kari C.**  
**10)SHAN Caifeng**

(57) Abstract :

The invention provides a system (102) for accurately detecting a patient<sup>TM</sup>s (114) movement during imaging procedures. The system comprises a camera (126) for providing a stream of camera images of a part of a patient<sup>TM</sup>s exterior (206). The system (102) furthermore comprises a fiducial element (116), which fiducial element (116) is mountable on said part of the patient<sup>TM</sup>s exterior (206), and which fiducial element (116) is detectable in the stream of camera images, and an image processor (128) for detecting a displacement of the fiducial element based on consecutive camera images comprised in at least the stream of camera images and for generating an output signal (129) indicative for said displacement. Herein, the fiducial element (116) has an in-plane stiffness which is substantially larger than an in-plane stiffness of said part of the patient<sup>TM</sup>s exterior. In addition, the fiducial element (116) and said part of the patient<sup>TM</sup>s exterior are provided with substantially equal outer in-plane dimensions.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9069/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A SEGMENTED NETWORK

(51) International classification :H04L 29/12

(31) Priority Document No :09305426.0

(32) Priority Date :13/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051899

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

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(72)Name of Inventor :

**1)LELKENS Armand**

**2)ERDMANN Bozena**

(57) Abstract :

The present invention relates to a method for assigning a network address to a first node in a network comprising a plurality of second nodes the method comprising the steps of: (a) assigning a stochastic address to the first node (b) the first node transmitting an announcement message to a first control device (c) the first control device checking whether the assigned network address is available and (d) upon detecting that the assigned address is not available the first control device transmitting a message requesting the change of the assigned address

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AIR-FUEL RATIO ESTIMATING/DETECTING DEVICE

<p>(51) International classification :F02D (31) Priority Document No :2011-057872 (32) Priority Date :16/03/2011 (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</p>	<p>(71)<b>Name of Applicant :</b> <b>1)HONDA MOTOR CO. LTD.</b> Address of Applicant :1-1 Minami-Aoyama 2-chome Minato-ku Tokyo 107-8556 Japan (72)<b>Name of Inventor :</b> <b>1)NISHIDA Kenji</b> <b>2)KANEKO Tetsuya</b> <b>3)SASAKI Tomiyuki</b> <b>4)WAGATSUMA Shinichi</b> <b>5)HONMA Satoshi</b> <b>6)SAKAMOTO Naoki</b></p>
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(57) Abstract :

[Problem] To estimate and detect an air-fuel ratio in regions departing from a theoretical air-fuel ratio by using a A-sensor of which output changes in a stepwise fashion in accordance with the theoretical air-fuel ratio. [Solution] An engine speed calculating section 15 calculates the average engine speed NeA. A crank angular speed calculating section 23 calculates a crank angular speed col on the basis of the interval of crank pulses around a compression top dead center and a charging efficiency calculating section 14 calculates charging efficiency CE from the difference A col between the average engine speed NeA and the crank angular speed col. The amount of fuel injected calculating unit 12 estimates the amount of fuel injected GF for each cycle on the basis of a driving time Tout of a fuel injection valve 6. A proportional constant calculating section 17 determines a proportional constant K, using the estimated charging efficiency CE and the amount of fuel injected Gf, when the output value of a sensor 3 is in a transition region R. When the sensor output value is not in the transition region R, an air-fuel ratio A/F is estimated from the determined proportional constant K, the charging efficiency CE, and the amount of fuel injected Gf.

No. of Pages : 31 No. of Claims : 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8724/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MOTOR ASSISTED MANUALLY CONTROLLED MOVEMENT ASSEMBLY&NBSP; X-RAY SYSTEM COMPRISING THE SAME&NBSP; METHOD AND USE

(51) International classification :A61B 6/00  
(31) Priority Document No :09159808.6  
(32) Priority Date :08/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051697  
Filing Date :19/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
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**2)BHAT Ravindra**  
**3)RIJKEN Antonius M.**

(57) Abstract :

A motor assisted movement assembly 2 is provided comprising a motor arrangement 3 which motor arrangement 3 may assist a manually controlled movement of a first structural element 5 relative to a second structural element 6. A motor element 3a of the motor arrangement 3 is adapted to detect a manual indication of a desired movement of the second structural element 6 relative to the first structural element 5 with the motor arrangement 3 being adapted to assist e.g. support the movement by providing an additional force.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8725/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : REAL-TIME SCOPE TRACKING AND BRANCH LABELING WITHOUT ELECTRO-MAGNETIC TRACKING AND PRE-OPERATIVE SCAN ROADMAPS

(51) International classification :G06T 7/00

(31) Priority Document No :61/176539

(32) Priority Date :08/05/2009

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

(86) International Application No :PCT/IB2010/051452

Filing Date :02/04/2010

(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)LIU Xin**

**2)GUTIERREZ Luis Felipe**

(57) Abstract :

A system and method for locating a position of an imaging device include a guided imaging device (102) configured to return images of internal passageways to a display (124). A processing module (114) is configured to recognize patterns from the images and employ image changes to determine motion undergone by the imaging device such that a position of the imaging device is determined solely from information received from images obtained internally in the passageways and general knowledge of the passageways.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8726/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ULTRASONIC PLANNING AND GUIDANCE OF IMPLANTABLE MEDICAL DEVICES

(51) International classification :A61F 2/24  
(31) Priority Document No :61/176501  
(32) Priority Date :08/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/032145  
Filing Date :23/04/2010  
(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)BIANCHI Mary Kay**  
**2)SALGO Ivan**

(57) Abstract :

An ultrasound system for planning a surgical implantation of an implantable device produces two or three dimensional ultrasound images of the site of the surgical implantation. An image of a sizer for an implantable device comprises a virtual sizer which is scaled to the scale of the anatomy in the ultrasound image. A user manipulates the virtual sizer on the display in relation to the anatomy in the ultrasound image to ascertain whether the virtual sizer and hence its corresponding implantable device fits the patient<sup>TM</sup>s anatomy. In place of the anatomical ultrasound image a model of the anatomy can be produced from the ultrasound image data and used for sizing.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.943/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ANATOMY MODELING FOR TUMOR REGION OF INTEREST DEFINITION

(51) International classification :G06T 7/00

(31) Priority Document No :61/226939

(32) Priority Date :20/07/2009

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

(86) International Application No :PCT/IB2010/052689

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 :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)RENISCH Steffen**

**2)OPFER Roland**

(57) Abstract :

A hot spot detection system for automatically segmenting and quantifying hot spots in functional images includes a segmentation unit (76) to segment an anatomical image representation (72) into regions corresponding to anatomical structures of a subject. A hot spot detection unit (90) detects regions of high uptake from a functional second image representation (74). The regions of high tracer uptake indicate high metabolic activity which maybe caused by potentially hazardous tumor lesions or other malignant processes. However, a number of normally functioning organs uptake high amounts of imaging tracer, particularly FDG. Therefore, a suppression unit (102) suppresses regions of high tracer uptake in the functional second image representation based on the results of a classification unit (101). The classification unit classifies the regions of high tracer uptake according to their position relative to the anatomical structures segmented from the anatomical first image representation. The remaining unsuppressed regions of high uptake are identified by an identification unit (106) as one of potential lesion and non-potential lesion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.944/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ENGINE IGNITION TIMING SETTING APPARATUS

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:2011-057873	<b>1)HONDA MOTOR CO. LTD.</b>
(32) Priority Date	:16/03/2011	Address of Applicant :1-1 Minami-Aoyama 2-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NISHIDA Kenji</b>
(87) International Publication No	: NA	<b>2)KANEKO Tetsuya</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SASAKI Tomiyuki</b>
Filing Date	:NA	<b>4)WAGATSUMA Shinichi</b>
(62) Divisional to Application Number	:NA	<b>5)SAKAMOTO Naoki</b>
Filing Date	:NA	

(57) Abstract :

A pulse generator PC generating crank pulses corresponding to crank angles is provided and crank angular speed variation calculating means 412 calculates a crank angular speed variation  $\omega_{co}$  based on an interval of the crank pulses. Engine load estimating means 413 estimates an indicated mean effective pressure IMEP from the crank angular speed variation  $\omega_{co}$ . Ignition timing determining means 414 has an ignition timing control map of determining an ignition advance quantity in accordance with the estimated indicated mean effective pressure IMEP and engine temperature or engine speed.

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.841/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTRONIC BALLAST AND STARTUP METHOD

(51) International classification	:H05B 41/295	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/226039	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:16/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052991	(72) <b>Name of Inventor :</b>
Filing Date	:30/06/2010	<b>1)FANG Yuhong</b>
(87) International Publication No	: NA	<b>2)VENKIT Sree</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PRADHAN Sanjaya Kumar</b>
Filing Date	:NA	<b>4)LOPEZ Alejandro</b>
(62) Divisional to Application Number	:NA	<b>5)GROUEV George</b>
Filing Date	:NA	<b>6)GANESH Arun</b>
		<b>7)RHODES Bruce</b>

(57) Abstract :

An electronic ballast and startup method including an electronic ballast operably connected to a lamp having a lamp filament the electronic ballast having a timer (110) generating an inverter control signal (112) and a preheat control signal (114); a converter (120) receiving AC power and generating DC power (122); a self-oscillating inverter (130) receiving DC power (122) and being operable to provide lamp power (132) to the lamp the self-oscillating inverter (130) being responsive to the inverter control signal (112); and a filament preheater (140) receiving DC power (122) and being operable to provide filament power (142) to the lamp filament the filament preheater (140) being responsive to the preheat control signal (114). When AC power is initially applied preheat control signal (114) directs the filament preheater (140) to provide filament power (142) and inverter control signal (112) directs the self-oscillating inverter (130) not to provide lamp power (132).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.873/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : IMIDAZODIAZEPINE DERIVATIVE

(51) International classification :C07D 243/14

(31) Priority Document No :99109514.2

(32) Priority Date :12/05/1999

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2000/04033

Filing Date :05/05/2000

(87) International Publication No : WO/2000/069835

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :3893/CHENP/2007

Filed on :05/05/2000

(71)Name of Applicant :

**1)F. HOFFMANN-LA ROCHE AG**

Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASEL Switzerland

(72)Name of Inventor :

**1)HOFFMANN-EMERY, FABIENNE**

(57) Abstract :

This invention relates to 7-Chloro-3-(5-dimethylaminomethyl-[ 1,2,4] oxadiazol-3-yl)-5-methyl-4-5-dihydroimidazol [1,5-a][1-4]benzodiazepin-6-one (1).

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.874/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : HYBRID DRIVE WHICH IS CONNECTED VIA A SECONDARY DRIVE

(51) International classification	:G08B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2011	<b>1)MAN TRUCK &amp; BUS AG</b>
(32) Priority Date	013 746.7	Address of Applicant :DACHAUER STR. 667, 80995
(33) Name of priority country	:12/03/2011	MUNCHEN Germany
(86) International Application No	:Germany	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HOLZMANN, STEFAN</b>
(87) International Publication No	:NA	<b>2)WELFERS, HANS JOSEF</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KREUTMAIR, JOSEF</b>
Filing Date	:NA	<b>4)DOBEREINER, ROLF</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a hybrid drive 1 for a vehicle, in particular a utility vehicle. The hybrid drive 1 comprises a primary device 10 which is provided for serving as a primary energy supply, and which has a main drive 11 and at least one secondary drive 12. The hybrid drive 1 also comprises a secondary device 20 which is provided for serving as a secondary energy supply and for converting energy. The secondary device 20 can be connected to the at least one secondary drive 12 in order to provide energy which is to be converted to the secondary device 20 via the at least one secondary drive 12 and/or in order to provide converted energy to the drive train of the vehicle from the secondary device 20 via the at least one secondary drive 12.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.91/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR THE OFF SITE REGENERATION OF SOLID CATALYSTS

(51) International classification	:B01J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:1150198	<b>1)EURECAT S.A.</b>
(32) Priority Date	:11/01/2011	Address of Applicant :ZI JEAN JAURES 121 AVENUE
(33) Name of priority country	:France	MARIE CURIE 07800 LA VOULTE-SU-RHONE France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KERLEAU PHILIPPE</b>
(87) International Publication No	: NA	<b>2)DUFRESNE PIERRE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for the off site regeneration of solid catalysts A subject-matter of the present invention is a process for the off site regeneration of a solid catalyst, comprising two consecutive steps: a first step of washing the catalyst using one or more fluid (s) in the supercritical state, so as to extract from the catalyst at least a portion of the hydrocarbons present at the surface of the latter, followed by a second step of combustion of at least a portion of the coke present at the surface of the said catalyst by a heat treatment of the latter in the presence of oxygen and at a temperature ranging from 300°C to 600°C.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.947/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : CLOSED TYPE BLOOD RESERVOIR AND EXTRACORPOREAL BLOOD CIRCULATION APPARATUS USING THE SAME•

(51) International classification	:A61M 1/36	(71)Name of Applicant :
(31) Priority Document No	:2005-290210	<b>1)JMS CO. LTD.</b>
(32) Priority Date	:03/10/2005	Address of Applicant :12-17 Kakomachi Naka-ku
(33) Name of priority country	:Japan	Hiroshima-shi Hiroshima 7308652 Japan
(86) International Application No	:PCT/JP 006/319784	(72)Name of Inventor :
Filing Date	:03/10/2006	<b>1)MAEDA Hiroyuki</b>
(87) International Publication No	: NA	<b>2)KAWARABATA Shigeki</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:1733/CHENP/2008	
Filed on	:04/04/2008	

(57) Abstract :

An example of the closed-type blood reservoir of the invention is furnished with an outer shell in which a space is formed within its interior a flexible septum that is interposed between a blood storage chamber shell and a volume adjustment chamber shell and that divides the space into a blood storage chamber for storing blood and a volume adjustment chamber for storing volume adjustment liquid a blood inlet port a blood outlet port and a blood storage chamber air discharge port that are provided in the blood storage chamber shell such that they are in communication with the blood storage chamber and a volume adjustment liquid port that is provided in the volume adjustment chamber shell such that it is in communication with the volume adjustment chamber for injecting and ejecting the volume.....

No. of Pages : 75 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4521/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SELF-STANDING PILLOW PACK

(51) International classification

:B65B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)Tata Elxsi Limited**

Address of Applicant :Tata Elxsi Limited ITPB Road  
Whitefield Bangalore - 560048 India Haryana India

(72)Name of Inventor :

**1)Shyam Sunder Balakrishna Karekar a citizen of India**

**c/o Tata Elxsi Limited ITPB Road Whitefield Bangalore  
560048 India (b) Prasad Vijay Nimbalkar a citizen of India  
c/o Tata Elxsi Limited ITPB Road Whitefield Bangalore  
560048 India**

**2)Prasad Vijay Nimbalkar a citizen of India c/o Tata  
Elxsi Limited ITPB Road Whitefield Bangalore 560048  
India**

(57) Abstract :

A self-standing pillow pack that has an additional crimp (the invention) on the two bottom ends of the pack thus allowing the pack to self-stand when placed individually. The crimp is created by adding a simple additional crimping attachment (a pneumatic roller with a crimp head) to the existing VFFS packaging machinery. The attachment adds the additional crimp (the invention) before the pack is filled with the contents vacuum-flushed and crimp-sealed thus not requiring a change in the existing packaging system / machinery.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4522/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR EXTRACTING BUSINESS PROCESS METRICS FROM A UML MODEL

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SANTOSH KUMAR RAO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system and method for extracting business process metrics from a Unified Modeling Language (UML) model. This invention involves the use of Object Constraint Language (OCL) and custom stereotypes to extract the design metrics from a UML model. The business process parameters to be measured are defined and custom stereotypes for each design element present in the business process parameters are also defined. A UML diagram is generated to represent the steps required to complete the business process. The UML diagrams are based on UML 2.0 or its higher version. The queries are written in OCL and run on the activity or sequence diagram to extract the desired metrics.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4523/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND SYSTEM TO DYNAMICALLY DETECT AND FORM A MASTER SLAVE NETWORK

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SOUGATA SEN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KETAN PATIL</b>
Filing Date	:NA	<b>3)ANIMIKH GHOSH</b>
(62) Divisional to Application Number	:NA	<b>4)PARAG CHAUHAN</b>
Filing Date	:NA	<b>5)KUMAR PADMANABH</b>

(57) Abstract :

This invention describes a system and method for dynamically establish and maintain a MASTER SLAVE Network among the devices with wireless and wired connectivity. It also provides system and method for maintaining a MASTER SLAVE network in the event where the SLAVE or the MASTER or the server is dead. More importantly, it supports automatic network discovery, establishment and maintenance to provide end to end connectivity by using minimum resources of an enterprise network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4525/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SHAPE MEMORY STAINLESS STEELS WITH RARE EARTH ELEMENTS CE AND LA

(51) International classification

:C22C

(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)AIRBUS ENGINEERING CENTRE INDIA**

Address of Applicant :Unit 301 3rd Floor Tower B RMZ

Infinity Campus Old Madras Road Bangalore - 560 016

Karnataka India Tamil Nadu India

(72)Name of Inventor :

**1)Kishora Shetty**

(57) Abstract :

Shape memory stainless steels with rare earth elements Cerium (Ce) and Lanthanum (La) are disclosed. In one embodiment raw materials including Manganese (Mn) Silicon (Si) Chromium (Cr) Nickel (Ni) Carbon (C) Ce La and Iron (Fe) are melted to form a molten alloy of the shape memory stainless steels with rare earth elements Ce and La. Further the molten alloy is solidified to form an ingot. Furthermore the ingot is subjected to nondestructive evaluation to assess internal soundness of the ingot. In addition the evaluated ingot is homogenized to form homogenized shape memory stainless steels with rare earth elements Ce and La.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.95/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF CONNECTING CRANE SUSPENSION ASSEMBLY SECTIONS TOGETHER AND FRAME MOUNTED ASSEMBLY USED THEREFORE

(51) International classification	:B66C	(71)Name of Applicant :
(31) Priority Document No	:61/432,062	<b>1)Manitowoc Crane Companies LLC</b>
(32) Priority Date	:12/01/2011	Address of Applicant :2400 South 44th Street Manitowoc
(33) Name of priority country	:U.S.A.	WI 54221 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PECH David J.</b>
(87) International Publication No	: NA	<b>2)WALKER Robert J.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ONEIL William J.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of connecting sections of a crane suspension assembly together includes attaching a frame to a member of a first section; connecting a tension member between the frame and a connector used in the assembly; moving the tension member so that the connector pivots about a pin to a position where a second hole in the connector is in alignment with a hole in a second section member; putting a second pin through the hole in the connector and the hole through the second section member; and disconnecting the tension member from the connector. The method may also include attaching a frame with a winch to a section of the crane suspension assembly; connecting a line from the winch to the connector; activating the winch to move the connector so that it pivots about a pivot axis; and securing the connector in its second position.

No. of Pages : 43 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8846/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHODS FOR MANUFACTURING A PAINT ROLLER AND COMPONENT PARTS THEREOF

(51) International classification	:B65H 18/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/042143
Filing Date	:29/04/2009
(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)Chandra SEKAR**

Address of Applicant :4 Sunset Road North Searingtown  
NY 11507 U.S.A.

(72)**Name of Inventor :**

**1)Chandra SEKAR**

(57) Abstract :

Described is a method of making a cover material from a pile material and an adhesive. The material is then cut into strips. The strips are rolled about a mandrel. After application of the adhesive a compressive force is applied to laminate the inner surface of the cover material and the strips together to make a product that can be fashioned into paint rollers

No. of Pages : 48 No. of Claims : 22



(12) PATENT APPLICATION PUBLICATION

(21) Application No.920/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SWITCH DEVICE

(51) International classification	:B23K
(31) Priority Document No	:2011-056831
(32) Priority Date	:15/03/2011
(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

(71)**Name of Applicant :**  
**1)PANASONIC CORPORATION**  
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan  
(72)**Name of Inventor :**  
**1)TANIGUCHI, YOHEI**  
**2)TOGASHI, SHOJI**

(57) Abstract :

In a switch device in which a main body (1) is formed by joining such as by adhering or welding a peripheral portion (6) of a body (1a) and a peripheral portion (19) of a cover (1b), a depressed escape portion (40) is provided between an outer peripheral surface (1c) of the main body (1) and an welded or adhered portion (50) of the body (1a) and the cover (1b).

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9560/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DISPLAY DEVICE WITH FOCUSING ARRANGEMENT

(51) International classification :G02F 1/1333

(31) Priority Document No :09161339.8

(32) Priority Date :28/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052268

Filing Date :21/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)VAN DER HORST Jan**

(57) Abstract :

A display device comprises a liquid crystal display panel (3) and a lens arrangement (9) provided over the display panel. The thickness of the liquid crystal display layer (32) is greater at a position corresponding to a centre of a lens element (11) than at a position corresponding to an edge of the lens element. This improves the uniformity of the display effect for different viewing angles.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9561/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD TO IMPROVE THE TIME RESOLUTION OF DIGITAL SILICON PHOTOMULTIPLIERS

(51) International classification :G01T 1/29  
(31) Priority Document No :61/181705  
(32) Priority Date :28/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051647  
Filing Date :15/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)FRANCH Thomas**  
**2)PRESCHER Gordian**

(57) Abstract :

A radiation detector module (10) for use in a time-of-flight positron emission tomography (TOF-PET) scanner (8) generates a trigger signal indicative of a detected radiation event. A timing circuit (22) including a first time-to-digital converter (TDC) (30) and a second TDC (31) is configured to output a corrected timestamp for the detected radiation event based on a first timestamp determined by the first TDC (30) and a second timestamp determined by the second TDC (31). The first TDC is synchronized to a first reference clock signal (40 53) and the second TDC is synchronized to a second reference clock signal (42 54) the first and second reference clock signals being asynchronous.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9562/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MULTI-DETECTOR ARRAY IMAGING SYSTEM

(51) International classification :A61B 6/03  
(31) Priority Document No :61/181707  
(32) Priority Date :28/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051648  
Filing Date :15/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**2)CHAPPO Marc A.**  
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**4)MATTSON Rodney A.**  
**5)VRETTOS Chris John**

(57) Abstract :

An imaging system (100) includes a radiation source (108) that emits radiation that traverses an examination region (106) and a detection system (114) that detects radiation that traverses the examination region (106) and generates a signal indicative thereof. The detection system (114) includes a first detector array (1141 114N) and a second detector array (1141 114N). The first and second detector arrays (1141 114N) are separately distinct detector arrays and at least one of the detector arrays (1141 114N) is moveable with respect to the radiation beam. A reconstructor (116) reconstructs the signal and generates volumetric image data indicative thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9563/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ILLUMINATION DEVICE WITH AN ENVELOPE ENCLOSING A LIGHT SOURCE

(51) International classification :F21K 99/00

(31) Priority Document No :09161346.3

(32) Priority Date :28/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052022

Filing Date :07/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**4)STAATS Cornelia T.**

**5)KAPPEN Theodorus G. M. M**

**6)TREURNIET Theodoor C.**

(57) Abstract :

The invention provides an illumination device comprising an envelope enclosing a light source preferably a LED and a luminescent material. The envelope comprises a transmissive part and a reflective part wherein the reflective part comprises a reflective ceramic material. The ceramic material can be used for heat dissipation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.824/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SCROLL COMPRESSOR

(51) International classification	:F04C	(71)Name of Applicant :
(31) Priority Document No	:10-2011-0021108	<b>1)LG ELECTRONICS INC.</b>
(32) Priority Date	:09/03/2011	Address of Applicant :20, YEOUIDO-DONG,
(33) Name of priority country	:Republic of Korea	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
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(87) International Publication No	: NA	<b>2)KIM CHEOLHWAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LEE BYEONGCHUL</b>
Filing Date	:NA	<b>4)HA SAMCHUL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A scroll compressor includes a fixed scroll having a fixed wrap, and an orbiting scroll having an orbiting wrap engaged with the fixed wrap to define a first compression chamber between an inner surface of the fixed wrap and an outer surface of the orbiting wrap, and to define a second compression chamber between an inner surface of the orbiting wrap and an outer surface of the fixed wrap. A rotation shaft is provided with an eccentric portion at one end thereof to drive the orbiting scroll. A protruding portion protrudes inwardly from an inner end of the fixed wrap, and contacts the orbiting wrap. A distance between a center of the eccentric portion and a tangent line at a contact point between the protruding portion and the orbiting wrap at an end of the first compression chamber is smaller than a radius of the eccentric portion.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.958/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : GAS COLLECTION AND ANALYSIS SYSTEM WITH FRONT-END AND BACK-END PRE-CONCENTRATORS AND MOISTURE REMOVAL

(51) International classification :G01N 1/40  
(31) Priority Document No :61/230,647  
(32) Priority Date :31/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/044165  
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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**2)WANG Li-Peng**  
**3)HUANG Chien-Lin**  
**4)LU Chia-Jung**  
**5)CHU Shih-Chi**

(57) Abstract :

Embodiments of a front-end pre-concentrator module a back-end pre-concentrator module and a gas analysis subsystem are disclosed as well as gas analysis systems using combinations of the front-end pre-concentrator module the back-end pre-concentrator module and the gas analysis subsystem. Embodiments of disposable and re-usable moisture removal filters are disclosed for use alone or in combination with a gas analysis system.

No. of Pages : 64 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9582/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MR IMAGING GUIDED THERAPY

(51) International classification :A61N 7/02  
(31) Priority Document No :61/183121  
(32) Priority Date :02/06/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052458  
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

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**1)ANAND Ajay**  
**2)EHNHOLM Gosta Jakob**  
**3)RAJU Balasundra Iyyavu**

(57) Abstract :

The invention relates to a therapeutic system which comprises an ultrasound therapy unit (1 518) arranged to insonify at least a portion of a body (2 508) of a patient with high intensity ultrasound and a MR imaging unit (3 500) arranged to acquire MR signals from the portion of the body (2 508) and to reconstruct a thermographic MR image from the MR signals. It is an object of the invention to enable MR guided high intensity focused ultrasound (HIFU) treatment in which temperature values within critical anatomic regions containing fat can be monitored. The invention proposes that the therapeutic system further comprises an ultrasound diagnostic unit (5 518) which is arranged to acquire ultrasound signals from the portion of the body (2 508) and to derive at least one local temperature value from the ultrasound signals.

No. of Pages : 31 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9583/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SOLID-STATE PET DETECTOR SYSTEM WITH IMPROVED CAPABILITIES FOR QUANTIFICATION

(51) International classification :G01T 1/29  
(31) Priority Document No :61/182769  
(32) Priority Date :01/06/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051928  
Filing Date :03/05/2010  
(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)BUCKLER Andrew**

(57) Abstract :

A nuclear medical imaging system employing radiation detection modules with pixelated scintillator crystals includes a scatter detector (46) configured to detect and label scattered and non-scattered detected radiation events stored in a list mode memory (44). Coincident pairs of both scattered and non-scattered radiation events are detected and the corresponding lines of response (LOR) are determined. A first image representation of the examination region can be reconstructed using the LORs corresponding to both scattered and non-scattered detected radiation events to generate a lower resolution image (60) with good noise statistics. A second higher resolution image (62) of all or a subvolume of the examination region can be generated using LORs that correspond to non-scattered detected radiation events. A quantification processor is configured to extract at least one metric, e.g. volume, count rate, standard uptake value (SUV), or the like, from at least one of the lower resolution image, the higher resolution image, or a combined image (64).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9564/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : TRANSPARENT LUMINOUS WINDOW

(51) International classification :G09F 13/18  
(31) Priority Document No :09161376.0  
(32) Priority Date :28/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052204  
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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**1)CORNELISSEN Hugo Johan**  
**2)OVERSLUIZEN Gerrit**  
**3)STROMER Jan Frank**

(57) Abstract :

The invention relates to a luminous window which can function both as a broad area light source and as a transparent window. The broad area light source is achieved by coupling light into a plate-shaped light guide e.g. via the edges of the light guide and extracting light from the light guide using geometric protrusions or diffraction gratings into a scattering layer which outputs the broad area light. The transparent window is achieved by switching the scattering layer into a non-scattering state and possibly switching off the light source so that light can propagate freely through the light guide and the scattering layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9565/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS FOR MONITORING A POSITION OF A TUBE<sup>TM</sup>S DISTAL END WITH RESPECT TO A BLOOD VESSEL

(51) International classification :A61B 5/028  
(31) Priority Document No :09161326.5  
(32) Priority Date :28/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052346  
Filing Date :26/05/2010  
(8 ) 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)KLEE Mareike**  
**2)HAARTSEN Jacob Roger**  
**3)RENSEN Judith Margreet**

(57) Abstract :

The invention relates to an apparatus (102) capable of accurately monitoring whether or not a distal end of a tube is positioned inside a blood vessel. The apparatus comprises a heating element (106) configured for heating the distal end and a sensor arrangement (110) for generating a measurement signal (114) indicative for heat transferred by an exterior of the distal end. For the purpose of comparing the measurement signal (114) with a reference level the apparatus furthermore comprises a comparator arrangement (116). Herein the reference level equals a value attained by the measurement signal (114) in response to a minimum flow velocity in the blood vessel. The invention furthermore relates to a system (102) for exchanging a liquid with a mammal via a blood vessel. The system comprises a tube provided with the apparatus according to the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9566/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR DATA PATH CREATION IN A MODULAR LIGHTING SYSTEM

(51) International classification :H05B 37/00

(31) Priority Document No :09161562.5

(32) Priority Date :29/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052299

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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**1)SNIJDER Pieter Jacob**

**2)SONNEVILLE Pierre Robert Valere**

(57) Abstract :

It is disclosed a method for operating a lighting system which lighting system comprises a plurality of lighting modules each of which comprises at least one communication unit via which the respective lighting module is adapted to communicate with at least one neighboring lighting module. A control device may be adapted to communicate control signals to at least one of the lighting modules and each of the lighting modules may be adapted to further communicate control signals communicated to the lighting module to a neighboring lighting module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9567/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ILLUMINATION DEVICE AND METHOD FOR ASSEMBLY OF AN ILLUMINATION DEVICE

(51) International classification :F21K 99/00

(31) Priority Document No :09161346.3

(32) Priority Date :28/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052282

Filing Date :21/05/2010

(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)TEERLING Omke Jan**

**3)UITBELJERSE Bastiaan**

(57) Abstract :

The present invention discloses an illumination device (100) and a method (4000) for assembly of such an illumination device. The illumination device (100) comprises a light source (110) arranged to generate light, a carrier (120) arranged to support the light source and an envelope (130) enclosing the light source and the carrier. The envelope comprises at least two enveloping parts which, when joined together, form the envelope. Further, the carrier is arranged in thermal contact with at least one of the enveloping parts for dissipating heat out of the illumination device. The method comprises the steps of mounting (4100) the light source in thermal contact with the carrier and enclosing (4200) the light source and the carrier with the envelope. The present invention is advantageous in that it provides a convenient design which facilitates the assembly of the illumination device. Further, the present invention is advantageous in that it provides an illumination device with improved heat transfer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9584/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DISTANCE-BASED POSITION TRACKING METHOD AND SYSTEM

(51) International classification :A61B 19/00

(31) Priority Document No :61/182767

(32) Priority Date :01/06/2009

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

(86) International Application No :PCT/IB2010/052150

Filing Date :14/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)POPOVIC Aleksandra**

(57) Abstract :

A pre-operative stage of a distance-based position tracking method (30) involves a generation of virtual information (21) derived from a scan image (20) illustrating an anatomical region (40) of a body during a virtual navigation of a surgical tool (51) relative to a surgical path (52) within scan image (20). The virtual information (21) includes a prediction of virtual poses of surgical tool (51) relative to surgical path (52) within scan image (20) associated with measurements of a virtual distance of surgical tool (51) from an object within scan image (20). An intra-operative stage of the method (30) involves a generation of tracking information (23) derived from measurements of a physical distance of surgical tool (51) from the object within anatomical region (40) during a physical navigation of surgical tool (51) relative to surgical path (52) within anatomical region (40).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9585/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTROL ARRANGEMENT FOR CONTROLLING AN ATMOSPHERE GENERATING DEVICE

(51) International classification	:B60H 1/00	(71)Name of Applicant :
(31) Priority Document No	:09161649.0	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:02/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052328	(72)Name of Inventor :
Filing Date	:26/05/2010	<b>1)MASON Jonathan David</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a control arrangement for controlling an atmosphere generating device comprising a control device having a control surface and a control object adapted to be freely positioned onto the control surface the control object comprising identification means wherein the control device comprises a control unit adapted to identify the control object to receive relative positioning information from the control surface relating to the positioning of the control object and to output control data corresponding to the placement information for controlling the atmosphere generating device. By means of the invention it is provided an intuitive user interface in which the user is provided with a flexible solution in which not only repositioning of the control object onto the surface of the control device influence the atmosphere but also the identity of the control object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9586/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MR IMAGING GUIDED THERAPY

(51) International classification :A61N 7/02

(31) Priority Document No :61/183116

(32) Priority Date :02/06/2009

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

(86) International Application No :PCT/IB2010/052357

Filing Date :27/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**1)RAJU Balasundara I.**

**2)ANAND Ajay**

**3)EHNHOLM Gosta Jakob**

(57) Abstract :

The invention relates to a therapeutic system comprising: a MR imaging unit arranged to acquire MR signals from a body (10) of a patient positioned in an examination volume a thermal treatment unit (19 20) for the deposition of thermal energy within tissue of the body (10). It is an object of the invention to enable continuous temperature monitoring based on MR thermometry even in a situation in which the focus of the thermal treatment is moved. To this end the invention proposes that the system is arranged to perform the steps of: a) initiating thermal treatment by heating the tissue of the body (10) at the position of a focus within the examination volume b) selective acquisition of MR signals from a first image plane (24) the position of the focus of the thermal treatment being located within the first image plane (24)

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9587/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A VACUUM CLEANER WITH LUMINOUS HOUSING IN ENVIRONMENT-DEPENDENT COLOR

(51) International classification :G05D 25/00

(31) Priority Document No :09161638.3

(32) Priority Date :02/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052363

Filing Date :27/05/2010

(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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**2)MEERBEEK Berent Willem**

**3)SAERBECK Martin**

**4)HOLENDESKI Leszek**

(57) Abstract :

Appliance comprising a housing wherein a part of said housing is optically transmissive said optically transmissive part having an exterior surface through which light travelling through the optically transparent part is transmitted so as to cause the transmitted light to be visible upon viewing the exterior surface. The appliance further comprises a controllable light source assembly capable of producing light in a variety of colors and configured to couple produced light into the optically transmissive part of the housing. The appliance also includes a control unit and a color vision system configured to optically observe an environment of the appliance and to output data relating to colors of the observed environment to the control unit.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9263/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN OPTICAL PROBE WITH FEEDBACK CORRECTION

(51) International classification :A61B 5/00  
(31) Priority Document No :09160441.3  
(32) Priority Date :15/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052044  
Filing Date :10/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**2)HENDRIKS Bernardus H. W.**  
**3)BIERHOFF Waltherus C. J.**  
**4)BRAUN Augustinus L.**  
**5)MIHAJLOVIC Nenad**

(57) Abstract :

The present invention relates to an optical probe (1) suitable for miniature applications. An example application is a fibre-based confocal miniaturized microscope. The optical probe comprises a coil-based actuation system (9 10) comprising drive coils (9) capable of displacing the distal end (3) of an optical guide (2) housed (4) by the optical probe. The probe makes use of a feedback loop which alternate between driving the displacement of the optical guide by driving a current through the drive coils and switching off the current through the drive coils and while the drive current being switched off measure the speed of the distal end of the optical guide. The measured speed is compared to the set-point speed and if a difference is detected the drive current is adjusted to eliminate or at least bring down this difference.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.96/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTACTLESS POWER CHAIN

(51) International classification :A61B 6/00  
(31) Priority Document No :61/186022  
(32) Priority Date :11/06/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051960  
Filing Date :04/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**3)VAN LIEROP Hendrikus Wilhelmus Leonardus**  
**Antonius Maria**  
**4)OTTEN Joseph Gertrudis Leonardus**

(57) Abstract :

An imaging system (100) includes a stationary gantry (102) and a rotating gantry (104). The rotating gantry (104) includes a first component (110, 114, 116) supplied with first power and a second component supplied with second power, wherein the first and second power are different. A contactless power chain (118) includes a first transformer (202, 204, 306) for transferring the first power from the stationary gantry (102) to the rotating gantry (104) and a second transformer (202, 204, 306) for transferring the second power from the stationary gantry (102) to the rotating gantry (104). The first and second transformers (202, 204, 306) are shifted relative to each other along the longitudinal axis (108) by a pre-determined finite non-zero distance (240). In another embodiment, an imaging system (100) includes a stationary gantry (102) and a rotating gantry (104) that rotates about a longitudinal axis (108). A contactless power chain (118) transfers power from the stationary gantry (102) to the rotating gantry (104), wherein windings (214, 218, 230, 234) of the contactless power chain (118) are carried by a non-resin based carrier (700).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DIRECT EYE-CONTACT ENHANCING VIDEOCONFERENCING UNIT

(51) International classification	:G06K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/080,409	<b>1)POLYCOM, INC.</b>
(32) Priority Date	:05/04/2011	Address of Applicant :4750 WILLOW ROAD,
(33) Name of priority country	:U.S.A.	PLEASANTON, CALIFORNIA 94588 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SMITH, HERBERT JAMES</b>
(87) International Publication No	: NA	<b>2)PADGETT, WILLIAM DAVID</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A desktop videoconferencing endpoint for enhancing direct eye-contact between participants can include a transparent display device and a camera placed behind the display device to capture images of a near end participant located in front of the display device. The display device can alternate between display states and non-display states. The camera can be operated to capture images of the near end participant only when the display device is in the non-display state. The camera can be placed behind the display device at a location where an image of eyes of the far end participant is displayed. Images captured by the camera when displayed at to the far end participants can give the perceived impression that the near end participant is making direct eye-contact with the far end participant.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9602/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR STEREOSCOPIC SCANNING•

(51) International classification :G01C 11/02

(31) Priority Document No :198883

(32) Priority Date :21/05/2009

(33) Name of priority country :Israel

(86) International Application No :PCT/IL2010/000401

Filing Date :20/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**1)ELTA SYSTEMS LTD.**

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330 77102 Ashdod Israel

(72)Name of Inventor :

**1)GOSTYNSKI Victor**

**2)LUBIN Dror**

(57) Abstract :

A system and methods for scanning frames in a target area this system being used for producing a stereoscopic view of a target area wherein for a set of captured frames an attitude of the camera is not adjusted by more than the field of view between two consecutive frames - and wherein the camera is configured to complete the capturing of the set and then repeat the capture of this set prior to capturing any additional set.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9568/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CERAMIC ILLUMINATION DEVICE

(51) International classification :F21K 99/00

(31) Priority Document No :09161346.3

(32) Priority Date :28/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052347

Filing Date :26/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)MARINUS Antonius Adrianus Maria**

**2)TEERLING Omke Jan**

**3)UITBELJERSE Bastiaan**

(57) Abstract :

The present invention provides an illumination device (100) comprising a light source (110) arranged to generate light a carrier (120) arranged to support the light source and an envelope (130) enclosing the light source and the carrier. Further the carrier is arranged in thermal contact with the envelope and both the envelope and the carrier are made of ceramic material. The present invention is advantageous in that it provides an illumination device providing an effective heat transfer.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9569/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOSTEREOSCOPIC DISPLAY DEVICE

(51) International classification :H04N 13/00

(31) Priority Document No :09161330.7

(32) Priority Date :28/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052023

Filing Date :07/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)KRIJN Marcellinus P. C. M.**

**2)DE ZWART Siebe T.**

**3)PIJLMAN Fetze**

**4)DESMET Lieven R. R.**

**5)WILLEMSSEN Oscar H.**

(57) Abstract :

An autostereoscopic display device has both a barrier arrangement and a lens arrangement. A plurality of views are provided to different lateral viewing directions. At least a portion of the field of view has autostereoscopic output and the portion having autostereoscopic output has no repetition of individual 2D views and comprises at least three individual 2D views. This means there is no reversal of the stereo views (pseudo stereo views) at viewing cone boundaries as there are no viewing cone boundaries.

No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9570/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CAPACITIVE SENSING APPARATUS

(51) International classification :A61B 5/0408

(31) Priority Document No :09161512.0

(32) Priority Date :29/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052270

Filing Date :21/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)FEDDES Bastiaan**

**2)GOURMELON Lena**

**3)MEFTAH Mohammed**

(57) Abstract :

The invention relates to a capacitive sensing apparatus for sensing an object wherein the capacitive sensing apparatus comprises a capacitive sensor (2) for capacitively sensing the object (3) and an enclosure (4) for enclosing the capacitive sensor (2). The enclosure (4) comprises a contact side (6) for contacting the object (3) during sensing wherein the enclosure (4) and the capacitive sensor (2) are adapted for sensing the object (3) by the capacitive sensor (2) through the contact side (6) of the enclosure (4). The enclosure (4) and the capacitive sensor (2) are separable from each other for using the capacitive sensor (2) as a reusable device and for using the enclosure (4) as a disposable device. This allows capacitively sensing an object with a new uncontaminated enclosure (4) and a reused capacitive sensor (2) and thus under improved hygienic conditions.

No. of Pages : 29 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9571/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN INTELLIGENT LIGHTING TILE SYSTEM POWERED FROM MULTIPLE POWER SOURCES

(51) International classification	:G09G 3/34	(71)Name of Applicant :	
(31) Priority Document No	:09161523.7	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>	
(32) Priority Date	:29/05/2009	Address of Applicant :GROENEWOUDSEWEG 1	
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS	
(86) International Application No	:PCT/IB2010/052295	(72)Name of Inventor :	
Filing Date	:25/05/2010	<b>1)SNIJDER Pieter Jacob</b>	
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

This invention relates to a power unit for a lighting system. Said power unit includes a mains power input (2), output terminals (3a, 3b) and a power supply (5) for regulating a supply voltage (V1) of the power unit (1). The power unit further comprises a polarity detector (13), a voltmeter (11) for measuring a voltage (V2) at said output terminals (3a, 3b) and a current meter (12) for measuring a current (A) at said output terminals (3a, 3b). The power unit also comprises a control unit (7), wherein said control unit (7) is arranged to initiate a power up procedure delay of random length after the power unit (1) has been switched on and wherein said control unit (7) is arranged to process information from the voltmeter (11), the current meter (12) and the polarity detector (13), and to control a power output of the power unit (1) on basis of said information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9572/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN AUTO-ADDRESSING METHOD FOR A TILED LIGHTING SYSTEM

(51) International classification :H05B 37/02

(31) Priority Document No :09161553.4

(32) Priority Date :29/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052297

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

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

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(72)Name of Inventor :

**1)SNIJDER Pieter Jacob**

(57) Abstract :

This invention relates to a method of controlling a lighting system (1) which has a plurality of polygonal lighting modules (3) arranged as an array and a controlling device (7) connected to one of the lighting modules. The lighting modules are arbitrarily arrangeable by each lighting module being able to communicate with neighboring lighting modules via communication units (11) arranged at all sides of the lighting module. In an upstart mode each lighting module performs a configuration procedure which includes: - receiving address data and lighting orientation data from a neighboring lighting module wherein the address data comprises several address elements which are related to a relative position of the neighboring lighting module within the lighting system; - aligning its own lighting orientation with the lighting orientation of the neighboring lighting module from which it receives address data and lighting orientation data; and

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9588/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ACOUSTIC ECHO CANCELLATION

(51) International classification :H04R 3/02

(31) Priority Document No :09161675.5

(32) Priority Date :02/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052352

Filing Date :27/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)TRIKI Mahdi**

**2)JANSE Cornelis Pieter**

(57) Abstract :

A multi-channel acoustic echo canceller arrangement comprises a microphone (111) providing a microphone signal having contributions from at least two audio sources (107 109) to be cancelled. An echo canceling circuit (113 115) performs echo cancellation of the two audio sources (107 109) based on channel estimates for channels from each of the audio sources (107 109) to the microphone (111). An estimation circuit (117) generates each of the channel estimates as a combination of a previous channel estimate and a channel estimate update where the combination includes applying a relative weight to the channel estimate update relative to the previous channel estimate. A weight processor 119 varies the relative weight in response to a time value. The arrangement may provide improved echo-cancellation for scenarios wherein the rendering of sound from the audio sources (107 109) is time varying such as when time varying decorrelation filters are used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9589/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : EARPHONE ARRANGEMENT AND METHOD OF OPERATION THEREFOR

(51) International classification	:H04R 1/10	(71)Name of Applicant :
(31) Priority Document No	:09161682.1	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:02/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052361	(72)Name of Inventor :
Filing Date	:27/05/2010	<b>1)DUISTERS Ronald Petrus Nicolaas</b>
(87) International Publication No	: NA	<b>2)SRINIVASAN Sriram</b>
(61) Patent of Addition to Application Number	:NA	<b>3)JANSE Cornelis Pieter</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An earphone arrangement comprises a microphone (109) which generates a microphone signal and a sound transducer (101) which radiates a first sound component to a user<sup>TM</sup>s ear (103) in response to a drive signal. An acoustic channel (111) is further provided for channeling external sound so as to provide a second sound component to the user<sup>TM</sup>s ear (103). An acoustic valve (117) allows the attenuation of the acoustic channel (111) to be controlled in response to a valve control signal. A control circuit (105) generates the valve control signal in response to the microphone signal to provide a variable attenuation resulting in a mixed sound of the first sound component and the second sound component reaching the user<sup>TM</sup>s ear (103). The combined use of acoustic and e.g. electric signal paths allows improved performance and in particular allows a dynamic trade-off between open and closed earphone design characteristics with respect to external sounds.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9590/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING COMPROMISED NODES

(51) International classification :H04L 9/08

(31) Priority Document No :09305505.1

(32) Priority Date :02/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052382

Filing Date :28/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)GARCIA MORCHON Oscar**

**2)KURSAWE Klaus**

(57) Abstract :

The invention relates to a method for identifying compromised nodes in a ZigBee network comprising a general trust center divided in at least two security domains each security domain corresponding to a spatial or temporal area and being associated with a different root keying material and each node being identified by an identifier the method comprising: - upon detection of a node (U1) entering into a security domain (SD) the general trust center (TC) distributing to the node at least one keying material share corresponding to the entered security domain and - upon detecting corruption of at least two security domains - determining for each security domain based on information registered by the base station (BTS) a respective set of nodes having received keying material corresponding to said security domain - comparing the respective sets of nodes and identifying the common nodes as being compromised.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.96/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PRESSURE LIMITING VALVE&NBSP; IN PARTICULAR FOR MEDIUM VOLTAGE CELLS

(51) International classification	:F16K	(71)Name of Applicant :
(31) Priority Document No	:11 50573	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:25/01/2011	Address of Applicant :35 rue Joseph Monier F-92500 Rueil
(33) Name of priority country	:France	Malmaison France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)VOISIN Cyril</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This pressure limiting valve with exhaust from a diaphragm that deforms when the overpressure becomes excessive is original in that the seat (6) of the edge of the diaphragm (5) is provided with differences in level (8) spread out over its circumference (a single one would suffice). The contraction of the diaphragm is no longer axisymmetric but appears in the form of a beginning by buckling folds above the differences in level (8) which guarantees that the opening of the valve is achieved with a much smaller dispersion of values. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.938/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : CLOSED TYPE BLOOD RESERVOIR AND EXTRACORPOREAL BLOOD CIRCULATION APPARATUS USING THE SAME•

(51) International classification	:A61M 1/36	(71)Name of Applicant :
(31) Priority Document No	:2005-290210	<b>1)JMS CO. LTD.</b>
(32) Priority Date	:03/10/2005	Address of Applicant :12-17 Kakomachi Naka-ku
(3) Name of priority country	:Japan	Hiroshima-shi Hiroshima 7308652 Japan
(86) International Application No	:PCT/JP2006/319784	(72)Name of Inventor :
Filing Date	:03/10/2006	<b>1)MAEDA Hiroyuki</b>
(87) International Publication No	: NA	<b>2)KAWARABATA Shigeki</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:1733/CHENP/2008	
Filed on	:04/04/2008	

(57) Abstract :

An example of the closed-type blood reservoir of the invention is furnished with an outer shell in which a space is formed within its interior, a flexible septum that is interposed between a blood storage chamber shell and a volume adjustment chamber shell and that divides the space into a blood storage chamber for storing blood and a volume adjustment chamber for storing volume adjustment liquid, a blood inlet port, a blood outlet port, and a blood storage chamber air discharge port that are provided in the blood storage chamber shell such that they are in communication with the blood storage chamber, and a volume adjustment liquid port that is provided in the volume adjustment chamber shell such that it is in communication with the volume adjustment chamber, for injecting and ejecting the volume adjustment liquid into and away from the volume adjustment chamber, wherein the blood inlet port and the blood outlet port each are provided tangentially to the inner surface of the blood storage chamber shell such that blood that flows into the blood storage chamber from the blood inlet port can swirl along the inner surface of the blood storage chamber shell, and wherein the closed-type blood reservoir has a first blood flow route, provided in the blood storage chamber, that is formed by an outward concavity of the inner surface of the blood storage chamber shell, and that is in communication with the blood outlet port and at least part of which is formed in the direction of extension of the blood outlet port.

No. of Pages : 76 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9713/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESSING OF AUDIO CHANNELS

(51) International classification :G10L 19/00

(31) Priority Document No :09161998.1

(32) Priority Date :05/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052412

Filing Date :31/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)DEN BRINKER Albertus Cornelis**

**2)HARMA Aki Sakari**

(57) Abstract :

An audio apparatus comprises a processor (101) for providing a set of audio channels. A prediction circuit (103) generates a predicted signal for a first channel by adaptive filtering of a second channel by an adaptive filter. An adaptation processor (105) adapts the adaptive filter to minimize a cost function indicative of a difference between the predicted signal and the first channel. A compensation processor (107) then generates a non-predicted signal by compensating the first signal for the predicted signal and a distribution processor (109) generates an output set of audio channels by distributing at least the predicted signal and the non-predicted signal over the output set of audio signals where the distribution is different for the predicted signal and the non-predicted signal. The cross-channel predictive filtering provides signal components that represent different spatial characteristics of the originating sound and which are therefore advantageously distributed differently for the output channels.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9714/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS FOR COOKING AND METHOD OF HELPING A USER TO COOK

(51) International classification	:A47J 36/32	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200910139299.8	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:05/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052489	(72) <b>Name of Inventor :</b>
Filing Date	:04/06/2010	<b>1)YUAN Chun Pong</b>
(87) International Publication No	: NA	<b>2)WOUTERS Mirjam Suzanne</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NEERVOORT Paul</b>
Filing Date	:NA	<b>4)KARNIK Mayur Prabhakar</b>
(62) Divisional to Application Number	:NA	<b>5)JEE Eun-hye</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides an apparatus for cooking and a method of helping a user to cook by prompting the user step by step to carry out the corresponding preparation at the right time. The apparatus comprises a presenter configured to present information with respect to a first preparation for a first operation; a detector configured to detect whether said first preparation has been carried out; and a performer configured to perform said first operation. By applying the apparatus and method of the present invention the process of cooking is greatly simplified to users. Users no longer need to monitor the cooking process. All they need to do is carry out the corresponding preparations as prompted or guided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.90/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTOMOTIVE ALTERNATOR

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:2011-182588	<b>1)MITSUBISHI ELECTRIC CORPORATION</b>
(32) Priority Date	:24/08/2011	Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8310 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KASHIHARA, TOSHIAKI</b>
(87) 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 stator winding is configured by wye-connecting an X phase winding, a Y phase winding, and a Z phase winding. The X phase winding is formed by connecting in series an XI winding portion and an X2 winding portion that have a phase difference of 30 electrical degrees from each other. The XI winding portion is formed by winding a conductor wire into a full-pitch winding, and the X2 winding portion is formed by winding a conductor wire so as to alternate repeatedly between a  $2n/3$  short-pitch winding and a  $4n/3$  long-pitch winding. In addition, a turn ratio between the XI winding portion and the X2 winding portion is 1:2.

No. of Pages : 34 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.970/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : A NEBULIZER

(51) International classification :A61M 15/00

(31) Priority Document No :09166078.7

(32) Priority Date :22/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053299

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

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**3)DENYER Jonathan Stanley Harold**

**4)DYCHE Anthony**

**5)LULOFS Klaas Jacob**

**6)HAARTSEN Jaap Roger**

(57) Abstract :

A nebulizer (10) comprises a head detachably coupled to a body. The head comprises nebulizing means (42 40 44) an air channel (50) and a flow sensor (52). A nebulized liquid is released in an air channel (50) that ends in a mouth piece 70 through which a user inhales (5) and exhales (7). The inhaling and exhaling causes a flow in the air channel which is detected with the flow sensor (52). The nebulizing means are controlled by control means (60 62) included in the body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9700/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DIELECTRIC LAYER FOR A SEMICONDUCTOR LIGHT EMITTING DEVICE

(51) International classification :H01L 33/00  
(31) Priority Document No :12/477222  
(32) Priority Date :03/06/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052372  
Filing Date :27/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)ALDAZ Rafael I.**  
**2)NEFF James G.**

(57) Abstract :

A semiconductor structure comprising a light emitting layer disposed between an n-type region and a p-type region is formed. A first metal contact is formed on a portion of the n-type region and a second metal contact is formed on a portion of the p-type region. The first and second metal contacts are formed on a same side of the semiconductor structure. A dielectric material is disposed between the first and second metal contacts. The dielectric material is in direct contact with a portion of the semiconductor structure a portion of the first metal contact and a portion of the second metal contact. A planar surface is formed including a surface of the first metal contact a surface of the second metal contact and a surface of the dielectric material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9701/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ESTIMATION OF LOUDSPEAKER POSITIONS

(51) International classification	:H04S 7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09161785.2	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:03/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052362	(72) <b>Name of Inventor :</b>
Filing Date	:27/05/2010	<b>1)DE BRUIJN Werner Paulus Josephus</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for determining loudspeaker position estimates comprises motion sensors (201 203 205) arranged to determine motion data for a user movable unit where the motion data characterizes movement of the user moveable unit. A user input (207 209) receives user activations which indicate that at least one of a current position and orientation of the user movable unit is associated with a loudspeaker position when the user activation is received. The user activation may for example result from a user pressing a button. An analyzing processor (211) then generates loudspeaker position estimates in response to the motion data and the user activations. The system may e.g. allow a speaker position estimation to be based on a handheld device such as a remote control being pointed towards or positioned on a speaker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9702/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING LEAKAGE OF A CIRCUIT DELIVERING A PRESSURIZED FLOW OF BREATHABLE GAS TO A SUBJECT

(51) International classification :A61M 16/00  
(31) Priority Document No :61/183622  
(32) Priority Date :03/06/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052089  
Filing Date :11/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
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(72)Name of Inventor :  
**1)PITTMAN Stephen Dalton**  
**2)HUESER Lauren Elizabeth**

(57) Abstract :

A pressurized flow of breathable gas is delivered to the airway of a subject through a gas circuit as part of a therapy regime. Leakage of gas from within the circuit to atmosphere to prevent re-breathing of gas is dynamically adjusted to stabilize the total amount of leakage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.939/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : USER NOTIFICATION

(51) International classification	:G06Q
(31) Priority Document No	:1104685.1
(32) Priority Date	:21/03/2011
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**2)SONY EUROPE LIMITED**  
(72)**Name of Inventor :**  
**1)NIGEL STUART MOORE**

(57) Abstract :

A data processing device comprises a notification controller configured to provide notification to a user in response to a data processing event at that device or another device to which that device is connected; and a user interface by which the user can attend to a user notification to carry out a data processing task relating to the notified data processing event; the notification controller being configured to inhibit further notifications while the user is attending to a current notification using the user interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.939/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : MULTI-MODALITY BREAST IMAGING

(51) International classification :G06T 7/00  
(31) Priority Document No :09165801.3  
(32) Priority Date :17/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053178  
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

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(72)**Name of Inventor :**  
**1)BUELOW Thomas**  
**2)GRASS Michael**  
**3)ERHARD Klaus**

(57) Abstract :

A system for multi-modality breast imaging comprises a first shape model constructing sub-system (1) for constructing a first shape model of the breast as represented in a first image (9), in which the breast has its natural shape, a second shape model constructing sub-system (2) for constructing a second shape model of the breast as represented in a second image (10), in which the breast is compressed by using a compression paddle, and a deformation estimating sub-system (3) for estimating a volumetric deformation field (12) defining a mapping between the first image (9) and the second image (10) on the basis of the shape models and an elastic deformation model (11) of the breast, the deformation estimating sub-system (3) being arranged to estimate the volumetric deformation field (12) on the basis of a first tissue surface of the breast in the first image (9) and a second tissue surface of the breast in the second image (10).

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.94/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SAVELESS DOCUMENTS

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/433,182	<b>1)Apple Inc.</b>
(32) Priority Date	:14/01/2011	Address of Applicant :1 Infinite Loop Cupertino CA
(33) Name of priority country	:U.S.A.	95014-2094 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)OZER Ali T.</b>
(87) International Publication No	: NA	<b>2)PICCIRELLI Mark Andrew</b>
(61) Patent of Addition to Application Number	:NA	<b>3)FEDERIGHI Craig</b>
Filing Date	:NA	<b>4)PARKER Anthony Stephan</b>
(62) Divisional to Application Number	:NA	<b>5)PERRY Kevin Scott</b>
Filing Date	:NA	

(57) Abstract :

Saveless documents are disclosed. According to some implementations a method can include displaying a current version of a document in a first user interface of a computing device receiving an indication to display previously saved versions of the document and in response to receiving the indication displaying a second user interface having the current version displayed in a first portion of the second user interface and a particular previous version of the document displayed in a sequence of previous versions of the document in a second portion of the second user interface. Methods can include automatically saving documents and creating versions of documents. A method can include automatically restoring the layout of documents on a display. A computer readable medium and system for performing the methods are also disclosed.

No. of Pages : 39 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.975/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : CONTROLLABLE LIGHTING SYSTEM

(51) International classification :H05B 33/08

(31) Priority Document No :09166296.5

(32) Priority Date :24/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053213

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

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**2)BERKVENS Winfried Antonius Henricus**

**3)CORNELISSEN Hugo Johan**

**4)SONNEVILLE Pierre Robert Valere**

(57) Abstract :

A lighting system comprising a plurality of controllable light emitting elements 3 is disclosed. The lighting system further comprising a spreading optical element 5 arranged in front of the plurality of light emitting elements to shape the light emitted from the lighting elements, and a controller 7 for varying a light emission angle range of light emitted from the spreading optical element 5 by controlling each of the plurality of controllable light emitting elements. This allows the light emitted from the spreading optical element to be varied without varying any physical parts of the lighting system, because the controller now controls each of the light emitting elements, by e.g. dimming one or more of the light emitting elements or by switching one or more of the light emitting elements off.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9715/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INTEGRATED BIOPSY AND THERAPY

(51) International classification :A61B 5/055

(31) Priority Document No :61/184322

(32) Priority Date :05/06/2009

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

(86) International Application No :PCT/IB2010/052152

Filing Date :14/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Services**

(72)Name of Inventor :

**1)XU Sheng**

**2)KRUECKER Jochen**

**3)WOOD Bradford Johns**

(57) Abstract :

A system and method for integrating diagnosis and treatment for internal tissues includes imaging (202) at least a portion of an internal organ of a subject using a first technology capable of differentiating tissue types and targeting (205) and accessing biopsy sites using images of the first technology fused with images of a second technology capable of real-time image updates. Treatment of a biopsy site is planned (207) using the images of the first technology. Instruments for treating the biopsy site are guided (210) by fusing (208) the images of the first technology with the images of the second technology.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9716/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : CAPACITIVE SENSING SYSTEM

(51) International classification :A61B 5/04  
(31) Priority Document No :09162001.3  
(32) Priority Date :05/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052414  
Filing Date :31/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)MEFTAH Mohammed**  
**2)FEDDES Bastiaan**

(57) Abstract :

The invention relates to capacitive sensing system (1) for sensing an object. The capacitive sensing system (1) comprises an electrical charge providing unit (4) like an electret foil for providing a permanent electrical charge at a sensing site (6) of the object (3) and a capacitive sensor (2) comprising a sensing electrode (5) for generating a sensing signal by capacitively sensing the object (3) at the sensing site (6) of the object (3). By providing a permanent electrical charge at the sensing site (6) of the object (3) the bias between the object (3) and the sensing electrode (5) of the capacitive sensor (2) is intentionally preferentially made large thereby increasing the sensitivity towards mechanical motions. The resulting sensing signal substantially caused by these mechanical motions between the object (3) and the sensing electrode (5) is generally larger than a signal generated substantially by an electrophysiological field.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9717/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR PROCESSING VIDEO DATA

(51) International classification :H04N 5/445

(31) Priority Document No :09162161.5

(32) Priority Date :08/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052482

Filing Date :03/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)DE HAAN Wiebe**

**2)REUSENS Roelof Engelbert Albrecht**

(57) Abstract :

A video processing device receives main video data and auxiliary video data for an ultra wide (21:9) display. The main video data has a source aspect ratio an active video area and black bars. The auxiliary video data is provided separately for display in an overlay area at a first display position. The device receives a display aspect ratio indicator and has a processor (18) for generating the video signal. The data input means (11) further receive offset data coupled to the auxiliary video data indicative of an offset of the auxiliary video data at the display aspect ratio. The processor (18) is arranged for shifting the overlay area in dependence of the offset data from the first display position to a second display position for reducing the black bar area.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9718/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : TIME-OF-FLIGHT POSITRON EMISSION TOMOGRAPHY RECONSTRUCTION USING IMAGE CONTENT GENERATED EVENT-BY-EVENT BASED ON TIME-OF-FLIGHT INFORMATION

(51) International classification :G06T 11/00

(31) Priority Document No :61/184877

(32) Priority Date :08/06/2009

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

(86) International Application No :PCT/IB2010/051958

Filing Date :04/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**1)ZHANG Bin**

**2)HU Zhiqiang**

**3)TUNG Chi-Hua**

(57) Abstract :

A method of processing a positron emission tomography (PET) imaging data set (30) acquired of a subject includes independently localizing each positron-electron annihilation event of the PET imaging data set based on time of flight (TOF) localization of the positron-electron annihilation event to form a generated image (34). The generated image may be displayed. The generated image is suitably used as the basis for an initial image of an iterative reconstruction (40) of the PET imaging data set (30) to produce a reconstructed image (42). A spatial contour (56) of an image of the subject in the PET imaging data set (30) is suitably delineated based on the generated image (34). A subject attenuation map (62) for use in PET image reconstruction (40) is suitably constructed based in part on the spatial contour (56).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9703/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : THZ FREQUENCY RANGE ANTENNA

(51) International classification :G01J 3/02  
(31) Priority Document No :09161766.2  
(32) Priority Date :03/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP2010/057846  
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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**2)GIANNINI Vincenzo**  
**3)BERRIER Audrey Anne-Marie**  
**4)MAIER Stefan Alexander**  
**5)MATTERS-KAMMERER Marion**  
**6)TRIPODI Lorenzo**

(57) Abstract :

A THz frequency range antenna is provided which comprises: a semiconductor film (3) having a surface adapted to exhibit surface plasmons in the THz frequency range. The surface of the semiconductor film (3) is structured with an antenna structure (4) arranged to support localized surface plasmon resonances in the THz frequency range.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9704/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD OF TITRATING A PHOTOTHERAPY REGIME USING REAL-TIME EEG READINGS

(51) International classification :A61B 5/0482

(31) Priority Document No :61/183800

(32) Priority Date :03/06/2009

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

(86) International Application No :PCT/IB2010/052092

Filing Date :11/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)WITT Erik Kurt**

**2)KIRBY Mark Toddman**

(57) Abstract :

The provision of phototherapy to a subject is titrated to adapt dynamically to the sleep of the subject. The titration is performed using real-time or near real-time EEG readings. This may enhance the comfort and/or efficacy of the phototherapy.

No. of Pages : 21 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9705/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : WAKE-UP OF LIGHT SENSOR IN A LIGHTING SYSTEM

(51) International classification :H05B 37/02  
(31) Priority Document No :09161973.4  
(32) Priority Date :04/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052384  
Filing Date :28/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)DELNOIJ Roger Peter Anna**

(57) Abstract :

A wireless light sensor being part of a lighting system has a sensor element generating a light measuring signal a microcontroller coupled to the sensor element and a radio communication device coupled to the microcontroller. The microcontroller has an active mode and a sleeping mode. The light sensor further has a wake-up circuit which determines a rate of change of the light measuring signal when the microcontroller is in the sleeping mode. The wake-up circuit brings the microcontroller from the sleeping mode into the active mode when the rate of change of the light measuring signal exceeds a predetermined threshold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9706/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : EFFICIENT LIGHT EMITTING DEVICE AND METHOD FOR MANUFACTURING SUCH A DEVICE

(51) International classification	:H01L 33/50
(31) Priority Document No	:09161945.2
(32) Priority Date	:04/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/052365
Filing Date	:27/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**(HOLDING) B.V.**

(72)Name of Inventor :  
**1)FANCSALI Erno**  
**2)SMITS Willem Hendriks**  
**3)BLOEMEN Pascal Jean Henri**

(57) Abstract :

The invention relates to a light emitting device comprising a primary light source a light converting medium and an optical structure are disclosed. The invention also relates to a method for manufacturing such a device. The primary light source e.g. light emitting devices is arranged for emitting primary light and is disposed on a substrate. The light converting medium comprising phosphors is arranged for converting at least a part of the primary light to secondary light of a wavelength different from the wavelength of the primary light. The light converting medium is disposed in a second plane at a distance from the first plane thereby forming a remote phosphor configuration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9707/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING BEHAVIOURAL THERAPY FOR INSOMNIA

(51) International classification :A61B 5/00

(31) Priority Document No :61/184165

(32) Priority Date :04/06/2009

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

(86) International Application No :PCT/IB2010/052440

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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**1)NAUJOKAT Elke**

**2)DEVOT Sandrine**

**3)HOOS William**

**4)ZHANG Hui**

**5)RADEMAKERS Antonius Johannes Josephus**

(57) Abstract :

The disclosed system and method provide for the automatic assessment of the presence/severity of the sleep problem and its exact nature. The assessment is based on qualitative information about sleep patterns insomnia-related factors and daytime consequences as well as quantitative information about sleep patterns measured by a sensor. By combining the different sources of information (subjective as well as objective data) the diagnosis gives more insight into the nature of the sleep problem and is therefore more accurate. Furthermore the disclosed system may be used to select specific components of the system that are medically relevant to the individual and therefore create a personalized program. The system teaches a selection of self-management skills that could help the individual to better cope with sleep disturbances and target those factors that maintain the problem or make it worse by a particular individual.

No. of Pages : 48 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.972/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND SYSTEM TO DETECT THAT A DEVICE HAS BEEN CLEANED

(51) International classification :G06Q 50/00

(31) Priority Document No :61/227858

(32) Priority Date :23/07/2009

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

(86) International Application No :PCT/IB2010/052691

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)REID W. Scott**

**2)GROSS Brian D.**

(57) Abstract :

A room monitoring system includes a plurality of in-room units. The in-room units collect information relating to a clean or dirty status of a plurality of patient rooms and/or equipment in the rooms. A monitoring station receives clean or dirty status information from the in-room units and determines which rooms are clean and ready for a patient which are dirty and in need of cleaning and which are occupied.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9721/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : DISPOSABLE SPO2 GRIPS

(51) International classification :A61B 5/00

(31) Priority Document No :61/185216

(32) Priority Date :09/06/2009

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

(86) International Application No :PCT/IB2010/051959

Filing Date :04/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)KAESTLE Siegfried**

(57) Abstract :

When monitoring blood oxygen levels in a patient during a magnetic resonance scan detachable and reusable fiber optic cable heads (16 18 98 131 132) are coupled to an SpO2 monitor and to a hinged finger clip (40 70 90 110 190) on a patient. The finger clip (40 70 90 110 190) includes apertures (94 196) and a retaining structure (44 95 198) to which a coupling portion of the fiber heads (16 18 98 131 132) are releasable attached.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9722/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : NETWORK COMMUNICATION SYSTEM

(51) International classification :G08C 17/02

(31) Priority Document No :09162251.4

(32) Priority Date :09/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052539

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)MCCORMACK James Joseph Anthony**

(57) Abstract :

A network communication system (2) comprises: - a controlled network device (11) comprising a communication facility (16) for receiving a command signal (Sc); - at least one remote control (20) for controlling at least one of the network devices (11) the remote control comprising a communication facility (26) for receiving and transmitting signals; - one coordinator (40) comprising a communication facility (46) for receiving and transmitting signals and a network definition memory (47) containing network definition information defining the network and the relationship between network components. The remote control comprises a backup memory (27) containing a backup copy of the network definition information. The remote control is capable of operating in a restoration mode in which the remote control transmits a restoration signal (SR) containing the network definition information from the backup memory. The coordinator is responsive to the restoration signal by storing the received network definition information into its network definition memory.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9723/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ORDERING STORED IMAGES

(51) International classification :G06F 19/00

(31) Priority Document No :09162249.8

(32) Priority Date :09/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052476

Filing Date :03/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)VAN DEN BRINK Johan Samuel**

(57) Abstract :

An apparatus comprising - an imaging component for acquiring magnetic resonance images; - a storage component for storing the magnetic resonance images in a stack; - a sorting component for sorting the magnetic resonance images in the stack using machine defined meta information of the images; and - an interface for reading the ordered stack.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9724/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ADVANCED COMMISSIONING OF WIRELESS NETWORK SYSTEMS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:H04W 60/00 :09162445.2 :10/06/2009 :EPO :PCT/IB2010/052533 :08/06/2010 : NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72) <b>Name of Inventor :</b> <b>1)MCCORMACK James Joseph Anthony</b>
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(57) Abstract :

A wireless network system and a method of commissioning a wireless network system is described. The network system comprises at least a network device (1) and a joining device (21). The network device (1) comprises a communication interface (2) for transmitting and receiving data over a wireless medium and a first network address of a first network system (30). The joining device (21) comprises a communication interface (2) for transmitting and receiving data over a wireless medium a second network address of a second network system (35) and a configuration memory (28) for storing at least a network address.

No. of Pages : 36 No. of Claims : 12



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9708/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : VISUALIZATION APPARATUS

(51) International classification :A61B 19/00

(31) Priority Document No :09161938.7

(32) Priority Date :04/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051919

Filing Date :03/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)BARLEY Maya E.**

**2)DELADI Szabolcs**

**3)HARKS Erik Godefridus Antonius**

**4)SUIJVER Jan F.**

**5)MEGENS Mischa.**

(57) Abstract :

The invention relates to a visualization apparatus for visualizing a quality of applying energy to an object. The quality of applying energy at a location on the object (3) is visualized based on a) a provided image of the object and b) a provided quality value representing the quality of applying energy to the object at the location on the object (3), wherein a visual property assigning unit (9) assigns a visual property to the location depending on the quality value and a display (10) displays the provided image and the assigned visual property at the location on the object shown in the image. In general a person who applies energy to the object is focused on the location at which energy is applied. Since quality information is shown at the location on which the person is already focused, the quality dependent information can easily be absorbed by the person.

No. of Pages : 53 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9709/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SURROUND SOUND SYSTEM AND METHOD THEREFOR

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:H04S 3/00 :09162007.0 :05/06/2009 :EPO :PCT/IB2010/052410 :31/05/2010 : NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72) <b>Name of Inventor :</b> <b>1)AARTS Ronaldus Maria</b> <b>2)DE BRUIJN Werner Paulus Josephus</b> <b>3)LAMB William Johan</b> <b>4)HARMA Aki Sakari</b>
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(57) Abstract :

A surround sound system comprises a receiver (301) for receiving a multi-channel spatial signal that comprises at least one surround channel. A directional ultrasound transducer (305) is used for emitting ultrasound towards a surface to reach a listening position (111) via a reflection of the surface. The ultrasound signal may specifically reach the listening position from the side, above or behind of a nominal listener. A first drive unit (303) generates a drive signal for the directional ultrasound transducer (301) from the surround channel. The use of an ultrasound transducer for providing the surround sound signal provides an improved spatial experience while allowing the speaker to be located e.g. to the front of the user. In particular, an ultrasound beam is much narrower and well defined than conventional audio beams and can accordingly better be directed to provide the desired reflections. In some scenarios, the ultrasound transducer (305) may be supplemented by an audio range loudspeaker (309).

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.971/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SOUND REPRODUCTION SYSTEM

(51) International classification :H04R 1/24  
(31) Priority Document No :09166298.1  
(32) Priority Date :24/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053243  
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)GOZALI Goh Kong San**  
**2)SURESH Nandanahosur Sahadevappa**  
**3)KWEK Frederick Jwee Koon**

(57) Abstract :

A sound reproduction system includes a speaker unit (101) which comprises: a cone (207) a first transducer (211 213) for converting a first electrical signal to movement of the cone (207) and a second transducer (215 217) for converting a second electrical signal to movement of the cone (207). The system further comprises a drive circuit (103) for at least partially independently driving the first electromagnetic transducer (211 213) and the second electromagnetic transducer (215 217) by generating the first electrical signal to be different than the second electrical signal. The different signals may e.g. arise from different spatial audio channels such as stereo signals such that a single compact speaker unit (101) may provide both high quality low frequency performance and a spatial experience.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9710/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTROLUMINESCENT DEVICE

(51) International classification :H01L 51/50

(31) Priority Document No :09162049.2

(32) Priority Date :05/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052391

Filing Date :28/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)BOERNER Herbert F.**

(57) Abstract :

An electroluminescent device (10) comprising a substrate (40) and on top of the substrate (40) a substrate electrode (20) a counter electrode (30) and an electroluminescent layer stack with at least one organic electroluminescent layer (50) arranged between the substrate electrode (20) and the counter electrode (30) characterized in that at least one image carrier body (200) is at least partially arranged on the substrate electrode (20) suitable to influence the appearance of the device (10).

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR INFLUENCING AND/OR DETECTING MAGNETIC PARTICLES

(51) International classification :A61B 5/05  
(31) Priority Document No :09165864.1  
(32) Priority Date :20/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053182  
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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(72)Name of Inventor :  
**1)GLEICH Bernhard**

(57) Abstract :

The present invention relates to an apparatus and a method for void size determination of voids within an object into which an aerosol containing magnetic particles has been introduced in particular for determining the size of a patient's pulmonary alveoli said patient having inhaled an aerosol containing magnetic particles To review information concerning the lung structure it is proposed to use magnetic particle imaging. First and second detection signals are acquired subsequently at different moments in time after introduction of the aerosol containing the magnetic particles into the object in particular after inhalation of the aerosol by the patient. These detection signals are exploited in particular the drop in intensity and/or the signal decay time to get information about the diffusion of the magnetic particles within the voids in particular alveoli and to retrieve information therefrom about the size of the voids in particular alveoli.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.942/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR OPERATING A MONITORING SYSTEM

(51) International classification :A61B 5/11  
(31) Priority Document No :09165889.8  
(32) Priority Date :20/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053192  
Filing Date :13/07/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)SCHWENK Marcus**  
**2)DUBIELCZYK Alexander**

(57) Abstract :

The present invention relates to a method for operating a monitoring system for monitoring physiological data of a patient. For saving power motion activity data of the patient is obtained and the measurement of physiological data of the patient is initiated if the motion activity is non-zero and below a selected threshold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.977/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTERCONNECTING-GRIDS OF DEVICES OF NETWORKED CONTROL SYSTEMS

(51) International classification :H05B 37/02

(31) Priority Document No :09166337.7

(32) Priority Date :24/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053270

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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(72)Name of Inventor :

**1)VAN DER STOK Petrus D. V.**

**2)PASVEER Willem F.**

(57) Abstract :

The invention relates to interconnecting grids of devices of networked control systems particularly to interconnecting lighting systems having grids of interconnected luminaires. A basic idea of the invention is to interconnect grids of devices of networked control systems such as luminaires of lighting systems installed in different units of a building and to provide an address assigning scheme for devices of the interconnected grid so that all devices of the interconnected grids may be unambiguously addressed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9779/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : OPTICAL MATERIAL PRODUCTION PROCESS OPTICAL MATERIAL AND OPTICAL LENS•

(51) International classification	:C08G 18/38
(31) Priority Document No	:2009-167939
(32) Priority Date	: 6/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061753
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

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(72)**Name of Inventor :**  
**1)OKADA Hiroyuki**  
**2)HORIKOSHI Hiroshi**  
**3)TOI Kenichi**

(57) Abstract :

The present invention is a production process for an optical material using as raw materials thereof a compound (a) a compound (b) a compound (c) a compound (d) and a compound (e) as shown below the process comprising the following steps 1 to 5: Step 1: a step of obtaining a first liquid by dissolving the compound (b) in the compound (a); ....

No. of Pages : 37 No. of Claims : 6



(12) PATENT APPLICATION PUBLICATION

(21) Application No.978/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR ASSISTING A COUGH

(51) International classification :A61M 16/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No :200910161656.0	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date :24/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country :China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No :PCT/IB2010/053292	(72) <b>Name of Inventor :</b>
Filing Date :20/07/2010	<b>1)BRAND Maarten Leonardus Christian</b>
(87) International Publication No : NA	<b>2)JIN Sheng</b>
(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 device (11) for assisting a cough based on an oscillation pressure. The oscillation pressure causes a periodic oscillation airflow in a lung system and the periodic oscillation airflow comprises an oscillation exhalation airflow and an oscillation inhalation airflow. The device (10) comprises a controlling unit (11) and the controlling unit (11) comprises: - a first determining unit (111) for determining whether an inhalation of the lung system is complete so as to control a valve (13) which is to be closed for isolating the lung system from the external environment - a second determining unit (112) for determining whether an internal air pressure in the lung system is larger than a pre-defined pressure threshold and - a detecting unit (113) for detecting the start of the oscillation exhalation airflow so as to control the valve (13) which is to be opened for starting a cough.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SINGLE OPERATION CONTROL MECHANISM FOR A PRESSURIZED GAS ORAL CLEANING APPLIANCE

(51) International classification	:A61C 17/02
(31) Priority Document No	:61/225936
(32) Priority Date	:16/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052707
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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(72)**Name of Inventor :**  
**1)KLOSTER Tyler G.**

(57) Abstract :

The control mechanism (18) for a pressurized-gas oral cleaning appliance (10) includes a hollow valve member (44) for receiving gas from a pressurized source thereof (14) and for delivering gas to a gas exit assembly. The hollow valve member includes a rear end portion (48) having a shoulder (58) which surrounds a cavity portion (65). The valve member includes a valve wall (63) having a circumferential groove (64) and a plurality of openings (66) which connect the groove to the hollow interior of the valve member. A gas releasing assembly includes a user-activated actuation member (26) and a pusher member (36), wherein movement of the actuation member moves the pusher member and the valve in a forward direction to a first position where gas enters the hollow interior of the valve. Further forward movement of the actuation member results in the valve member aligning with the pusher member in such a relationship that the valve member moves rearwardly by action of a spring (67) to a second position where the gas in the valve member exits through the openings and the groove to a gas exit line (68).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8422/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS FOR FORCING POLES AND PILES INTO THE GROUND

(51) International classification	:E02D 7/00
(31) Priority Document No	:20090146
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/000026
Filing Date	:19/04/2010
(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)KUIVAMAKI Pentti**  
**2)LINDEMAN Mikko**

(57) Abstract :

Apparatus for forcing poles and piles into the ground which apparatus comprises a fastening body (1) for attaching it to a working machine a structure attached to the fastening body with the help of suppression pieces (14) which structure comprises a vibrator unit and gripping jaws (2); (3) for gripping the pieces to be forced in which case one (2) of the gripping jaws is stationary and the other (3) is turnable and squeezing jaw and the compression force of said jaw (3) can be directed to the piece to be forced in order to keep the piece in place between the jaws (2); (3) during the forcing.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9843/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MECHANICAL PIPE COUPLING HAVING SPACERS

(51) International classification	:F16L 55/00
(31) Priority Document No	:61/571596
(32) Priority Date	:14/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/016237
Filing Date	:10/05/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4571/CHENP/2006
Filed on	:10/05/2005

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**1)VITAULIC COMPANY**

Address of Applicant :4901 KESSLERSVILLE ROAD,  
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(72)**Name of Inventor :**

**1)GIBB, JOHN**

**2)DOLE, DOUGLAS, R.**

(57) Abstract :

A preassembled mechanical pipe coupling having spacers is disclosed. The coupling has a plurality of interconnect able segments that straddle the ends of pipe elements to be joined. The segments have arcuate surfaces that engage outer surfaces of the pipe elements. Spacers, positioned between the segments, maintain them in spaced apart relation sufficient to allow the pipe elements to be inserted between the segments. The segments have adjustably tighten able connection members for connecting the segments and drawing them to one another. When the connection members are tightened and the effect of the spacers is overcome, the arcuate surfaces are brought into engagement with the outer surfaces of the pipe elements.

No. of Pages : 38 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9848/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : OPENING DEVICE FOR STRAWS OF LIQUID FOOD CONTAINER

(51) International classification :B65D 17/28  
(31) Priority Document No :2009-153078  
(32) Priority Date :28/06/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2010/060785  
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 :**  
**1)Tetra Laval Holdings & Finance S.A.**  
Address of Applicant :70 Avenue General-Guisan CH-  
1009 Pully Switzerland  
(72)**Name of Inventor :**  
**1)ITO Koshaku**  
**2)MORIYAMA Yasuyuki**

(57) Abstract :

Disclosed is an opening device for straws for liquid food containers which enables a straw hole to be easily opened by piercing with a straw whilst avoiding easy leakage or breakage due to external force from vibrations or the like during delivery. Said device comprises: a base and a main body formed from packaging material both sides of the base paper of which have been laminated with thermoplastic resin and a top formed from thermoplastic resin which is jointed to the top of the main body. An opening of the opening device for straws integrated with the top section is provided with a plurality of step sections and between-step sections on the front and back surfaces thereof.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SUPPORT, MODULE, TRANSPORT SYSTEM FOR DISPLACEMENT OF PEOPLE/GOODS AND MODERNIZATION METHOD OF PEOPLE/GOODS TRANSPORT SYSTEMS

(51) International classification	:B66B 21/00	(71)Name of Applicant : <b>1)THYSSENKRUPP NORTE, S.A.</b> Address of Applicant :POLIGONO INDUSTRIAL LA PEREDA, S/N-33682, MIERES, ASTURIAS Spain
(31) Priority Document No	:13/115,778	
(32) Priority Date	:25/05/2011	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)ESTRADA, JOSE CASIELLES</b>
Filing Date	:NA	<b>2)FIDALGO, JUAN ANTONIO FERNANDEZ</b>
(87) International Publication No	: NA	<b>3)CAMBLOR, ABDON MUNIZ</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Support (1), module (101, 201) to be placed on the support, transport system for displacement of people/goods modernized with the module and modernization method of transport systems for displacement of people/goods. The support (1) has: fixings (11) to fix the support (1) to a bearing structure (10) of the transport system, horizontal tie plates (12) to support and horizontally place the module (101, 201), lateral tie plates (13) to support and laterally place the module (101, 201), longitudinal tie plates (14) to support and longitudinally place the module (101, 201). The module has positioning and verification equipment (101 A, 201 A, 301 A) to place the module (101, 201, 301) maintaining within tolerances the system lines of the transport system. The transport system has: a support (1) and an entrance (101)/exit (201)/central (301) module on an entrance (100)/exit (200) finished floor/in a central section.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4558/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR LOCATING AND NOTIFYING FAULT AND HANDLING ALARM THERE OF

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)ABB RESEARCH LTD.**

Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland

(72)Name of Inventor :

**1)SANJAY GHOSH**

**2)SRIKANTH R**

**3)IVAN BERNARD FULLER**

(57) Abstract :

The invention provides a system for locating and notifying a fault, and handling alarm thereof. The system of the invention comprises atleast one field device, a central alarm management component, atleast one handheld device. The system along with the aforesaid comprises atleast one wireless hub. The wireless hub is connected with the atleast one field device and / or the atleast one handheld device, for analyzing the fault and / or locating the appropriate handheld device correspondingly in relation to the said fault. The invention also provides a method for locating and notifying a fault, and handling alarm thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4559/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : GENETICALLY MODIFIED SACCHAROMYCES CEREVISIAE FOR OVERPRODUCTION OF THE ENZYME CHITINASE AND PROCESS THEREOF

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. PERAMACHI PALANIVELU</b>
(32) Priority Date	:NA	Address of Applicant :PROFESSOR & HEAD, SCHOOL
(33) Name of priority country	:NA	OF BIOTECHNOLOGY, MADURAI KAMARAJ
(86) International Application No	:NA	UNIVERSITY, MADURAI 625 021 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. PERAMACHI PALANIVELU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention describes the production of a novel genetically modified (GM) yeast which overexpresses the enzyme chitinase. A PCR amplified 1.6 kb gene fragment harbouring the chitinase gene including the introns from the thermophilic fungus, *Thermomyces lanuginosus* has been cloned into an *E. coli* vector pXcmkn12 by TA cloning method. The recombinant plasmid is named pXCHI-PPLV2. The recombinant plasmids were used to transform *E. coli*. The gene obtained from a recombinant plasmid is sequenced and DNA and deduced amino acid sequences are presented here. The fragment was also cloned into an yeast centromere plasmid and the yeast recombinant plasmid is named pLCHI-PPLV3. The recombinant plasmid was used to transform the yeast *S. cerevisiae*. The corresponding GMO YT5 carried the plasmid vector harbouring the thermophilic fungal chitinase gene. The GM yeast, overexpressing the chitinase enzyme is now available for industrial applications. A process to produce the enzyme in large scale from GM yeast and its applications in various industries is also described in this patent.

No. of Pages : 17 No. of Claims : 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9870/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : COFFEE MACHINE WITH INTEGRATED WATER PURIFICATION SYSTEM

(51) International classification :A47J 31/60

(31) Priority Document No :EP 09164861.8

(32) Priority Date :08/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/002559

Filing Date :27/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)DEL SANTE Giovanna**

Address of Applicant :Via Donizetti 3 20040 Busnago (MI)  
Italy

(72)Name of Inventor :

**1)DEL SANTE Giovanna**

(57) Abstract :

The present invention is directed to a coffee machine comprising a system inside or outside the coffee machine for the purification of water based on a membrane directly fed by the pump of the coffee machine. The invention is also directed to a kit for coffee machine which comprises a system for the purification of water based on a membrane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8538/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : LUMINAIRE WITH FUNCTIONALITY-ENHANCING STRUCTURE

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:09158683.4	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:24/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051682	(72)Name of Inventor :
Filing Date	:19/04/2010	<b>1)DESMET Lieven R. R.</b>
(87) International Publication No	: NA	<b>2)VISSENBERG Michel C. J. M.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)IJZERMAN Willem L.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A luminaire (20) comprising a light guide (11) having a first refractive index (n1) the light guide (11) comprising a light-entry surface (14) a light-reflecting surface (15) for reflecting light entering at the light-entry surface (14) and a light-exit surface (16) opposite the light-reflecting surface (15) for allowing light to exit from the light guide (11) the light guide (11) being tapered toward the opposite end relative the light-entry surface (14). The luminaire (20) further comprises a light source (13) arranged to emit light toward the light-entry surface (14); a first optical member (17) having a second refractive index (n2) in optical contact with the light-exit surface (16) of the light guide (11); a second optical member (18) having a third refractive index (n3)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8867/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MOTION VECTOR DETERMINING METHOD AND APPARATUS FOR DETERMINING A MOTION VECTOR OF A CURRENT BLOCK INCLUDED IN A CURRENT PICTURE

(51) International classification :G06T 9/00  
(31) Priority Document No :2002-118598  
(32) Priority Date :19/04/2002  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2003/004805  
Filing Date :16/04/2003  
(87) International Publication No :WO/2003/090473  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :2017/CHENP/2003  
Filed on :16/04/2003

(71)Name of Applicant :  
**1)PANASONIC CORPORATION**  
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan  
(72)Name of Inventor :  
**1)KADONO, SHINYA**  
**2)HAGAI, MAKOTO**  
**3)ABE, KIYOFUMI**  
**4)KONDO, SATOSHI**

(57) Abstract :

A motion vector determining method for determining a motion vector of a current block included in a current picture, said motion vector determining method comprising, specifying a co-located block which is a block included in a second picture that is a B picture and different from the current picture, the co-located block being located in the second picture at the same position that the current block is located in the current picture; and determining first and second motion vectors for performing motion compensation on the current block, using a third motion vector which is a motion vector of the co-located block, wherein, the first and second motion vectors are used for motion compensation of the current block, wherein, in the case where a reference picture referred to by the third motion vector is stored in a long term picture buffer, (i) the first motion vector, which refers to the reference picture, is determined to be equal to the third motion vector, and (ii) the second motion vector, which refers to the second picture, is determined to be equal to a value of 0.

No. of Pages : 162 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8868/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 28/06/2013

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

(51) International classification	:G06T 9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2002-118598	<b>1)PANASONIC CORPORATION</b>
(32) Priority Date	:19/04/2002	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501 Japan
(86) International Application No	:PCT/JP2003/004805	(72) <b>Name of Inventor :</b>
Filing Date	:16/04/2003	<b>1)KADONO, SHINYA</b>
(87) International Publication No	:WO/2003/090473	<b>2)HAGAI, MAKOTO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ABE, KIYOFUMI</b>
Filing Date	:NA	<b>4)KONDO, SATOSHI</b>
(62) Divisional to Application Number	:2017/CHENP/2003	
Filed on	:16/04/2003	

(57) Abstract :

An image decoding method comprising: assigning first indices to pictures preceding a current picture in display order which are smaller than first indices assigned to pictures following the current picture,; assigning second indices to pictures following the current picture in display order which are smaller than second indices assigned to pictures preceding the current picture,; selecting a picture with the smallest first index of the pictures that are referred to by a neighboring blocks as a first reference picture, the neighboring blocks being at the neighborhood of a current block in the current picture; selecting a picture with the smallest second index of the pictures that are referred to by the neighboring blocks as-a second reference picture; and decoding the current block with the first reference picture and the second reference picture.

No. of Pages : 162 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.992/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : TESTING AND MONITORING AN ELECTRICAL SYSTEM

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/467,407	<b>1)THOMAS &amp; BETTS INTERNATIONAL, INC.</b>
(32) Priority Date	:25/03/2011	Address of Applicant :501 SILVERSIDE ROAD, SUITE
(33) Name of priority country	:U.S.A.	67, WILMINGTON, DELAWARE 19809 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)EDMUND SIEGFRIED NABROTZKY</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method includes outputting a test initiation command over a power supply cable to a first load device, receiving, at the first load device, the test initiation command and testing the first load device. The method also includes generating first test data for the first load device, inserting the first test data into a data packet and forwarding the data packet to another load device. The method further includes repeating the inserting and forwarding for each of the load devices.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8951/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : VOICE SERVICE IN EVOLVED PACKET SYSTEM

(51) International classification :H04W 48/18

(31) Priority Document No :61/183,940

(32) Priority Date :03/06/2009

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

(86) International Application No :PCT/US2010/037340

Filing Date :03/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :295 Phillip Street Waterloo Ontario  
N2L 3W8 Canada.

(72)Name of Inventor :

**1)BURBIDGE Richard Charles**

**2)FACCIN Stefano**

**3)CHIN Chen-Ho**

**4)DWYER Johanna Lisa**

(57) Abstract :

Methods and apparatus to manage voice service in evolved packet systems are disclosed. An example method in a User Equipment (UE) with at least one voice service indicator (VSI) in an Evolved Packet System (EPS) comprises detecting a change in a value of the at least one VSI and responsive to the change in the VSI causing the UE to notify the network.

No. of Pages : 74 No. of Claims : 79

(12) PATENT APPLICATION PUBLICATION

(21) Application No.967/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : DIMMING OF LIGHTING SYSTEM

(51) International classification :H05B 37/02

(31) Priority Document No :09165940.9

(32) Priority Date :21/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053273

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 :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)BOEKE Ulrich**

(57) Abstract :

A lighting system comprises a plurality of lighting units (1 4) each configured to light a target area. A central dimming element having an adjustable conductance is provided. Each lighting unit comprises at least one light source (101 201) a controllable light source driver (2 5) coupled to the light source (101 201) and a light sensor (3 6) configured to measure a light flux in the target area of the lighting unit (1 4). The light source driver supplies power to the light source in accordance with an input control voltage generated by a current source. The light sensor is coupled to the current source and has a variable conductance corresponding to the light flux. The lighting units (1 4) can be dimmed in combination by coupling each light sensor (3 6) in parallel to the dimming element (7) through a respective diode (9 10 13).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.968/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : THERMAL FLOW SENSOR INTEGRATED CIRCUIT WITH LOW RESPONSE TIME AND HIGH SENSITIVITY

(51) International classification :G01F 1/684  
(31) Priority Document No :09166078.7  
(32) Priority Date :22/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053253  
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 :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)HAARTSEN Jaap Roger**  
**2)DEKKER Ronald**  
**3)DE GRAAF Pascal**  
**4)VAN VEEN Nicolaas Johannes Anthonius**  
**5)SCHIPPER Alphonsus Tarcisius Jozef Maria**

(57) Abstract :

A thermal flow sensor integrated circuit for sensing flow in a channel based on temperature measurements the integrated circuit having a temperature sensing element (30) on a front side of the integrated circuit arranged to face the channel and a bond pad (60 200) coupled electrically to the temperature sensing element for making electrical contact off the integrated circuit the bond pad being arranged to face away from the channel. By having the bond pad facing away from the channel the space needed for the bond pad and any connections to it need not extend beyond the temperature sensing element and get in the way of the channel. Hence the temperature sensing element can be located closer to the channel or in the channel to enable measurements with better response time and sensitivity.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.999/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR PERFORMING DIAGNOSTICS OF AN ACTUATOR AND ACTUATOR COMPRISING ONE SUCH DEVICE

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:11 00863	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:22/03/2011	Address of Applicant :35 rue Joseph Monier F-92500 Rueil
(33) Name of priority country	:France	Malmaison France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)CHELLOUG Mustapha</b>
(87) 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 diagnostic method of an actuator (2 ; 2<sup>TM</sup>) comprising a coil (211 212) and a control device (22 ; 22<sup>TM</sup>) of power supply of the coil comprising the following steps: - Control of a power supply of the actuator by means of a diagnostic device (3) - Control of a power supply of the coil by means of the control device - Monitoring at the level of the diagnostic device of an electric characteristic of an electric signal in particular of the electric signal supplying the actuator and - Deduction of a diagnostic of the actuator using the result of the monitoring step. The device and the actuator implement the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.999/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : HOLLOW MICRONEEDLE ARRAYS

(51) International classification :A61M 37/00  
(31) Priority Document No :61/230,347  
(32) Priority Date :31/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/043414  
Filing Date :27/07/2010  
(87) International Publication No :WO 2011/014514 A1  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)3M INNOVATIVE PROPERTIES COMPANY**

Address of Applicant :3M CENTER, POST OFFICE BOX  
33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)Name of Inventor :

**1)GONZALEZ, BERNARD A.**

**2)BURTON, SCOTT A.**

**3)HU, JIA**

**4)NG, CHIN-YEE**

**5)SIMMERS, RYAN PATRICK**

**6)GILBERT, THOMAS, J.**

**7)BURKE, SEAN M.**

**8)HARKINS, ROBERT, A.**

**9)SCHLEIF, LARRY, A.**

(57) Abstract :

The present disclosure relates to apparatus, assemblies, combinations, and methods for infusing fluids by hollow microneedles.

No. of Pages : 49 No. of Claims : 10

(54) Title of the invention : UNIT FOR PUMPING AIR CONTAINING PARTICLES AND SEPARATING THE PARTICLES FROM THE AIR

(51) International classification :A47L 9/22  
 (31) Priority Document No :09165951.6  
 (32) Priority Date :21/07/2009  
 (33) Name of priority country :EPO  
 (86) International Application No :PCT/IB2010/053242  
       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 :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
       Address of Applicant :GROENEWOUDSEWEG 1  
       EINDHOVEN 5621 BA NETHERLANDS  
 (72)**Name of Inventor :**  
**1)DE WIT Bastiaan Johannes**  
**2)VOORHORST Fokke Roelof**  
**3)VAN DER KOOI Johannes Tseard**

(57) Abstract :

A unit (2) for pumping air containing particles (5) and separating the particles (5) from the air comprises a housing (10) having a space (20) for receiving and storing the particles (5) and an air pumping device (30) being arranged inside the housing (10) and comprising a basic fan (31) intended for pumping air out of the particle storage space (20) and another fan (32) intended for separating the particles (5) from the air. A gap (22) is present between the fan arrangement of the air pumping device (30) and the housing (10) and in order to avoid a flow of air containing particles (5) through the gap (22) at least a major portion of the basic fan (31) is uncovered so that a relatively strong pumping action on the basis of an interaction of an outer surface of the basic fan (31) with a stationary wall is avoided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.966/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUDIO BEAMFORMING

(51) International classification :H04R 3/00  
(31) Priority Document No :09166297.3  
(32) Priority Date :24/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053335  
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

(71)**Name of Applicant :**  
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EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)DERKX Rene Martinus Maria**

(57) Abstract :

An audio beamforming apparatus comprises a receiving circuit (103) which receives signals from an at least two-dimensional microphone array (101). A reference circuit (105) generates reference beams and a combining circuit (107) generates an output signal corresponding to a desired beam pattern by combining the reference beams. An estimation circuit (109) generates a direction estimate by determining angles corresponding to local minima for a power measure of the output signal in at least a first and respectively second angle interval. The direction estimate is generated by selecting one of the angles. The combining circuit (107) determines combination parameters to provide a notch in an angle corresponding to the direction estimate and a minimization of a directivity cost measure where the directivity cost measure is indicative of a ratio between a gain in the first direction and an energy averaged gain.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9950/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : COMMUNICATION SYSTEM AND COMMUNICATION CONTROLLING METHOD

(51) International classification :H04W 36/12  
(31) Priority Document No :2009-217757  
(32) Priority Date :18/09/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2010/066211  
Filing Date :17/09/2010  
(87) International Publication No :WO 2011/034173  
A1  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :9409/CHENP/2011  
Filed on :17/09/2010

(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)ZEMBUTSU, HAJIME**  
**2)TAMURA ,TOSHIYUKI**  
**3)SCHMID ,STEFAN**  
**4)TALEB,TARIK**  
**5)PUNZ, GOTTFRIED**

(57) Abstract :

A communication method in LIPA/ SIPTO architecture is provided which, when a user equipment (UE) is to connect from a serving area to an external network, allows re-selection of an optimal gateway. The communication method allows selecting a gateway apparatus physically or topologically close to a site, where the user equipment is attached.

No. of Pages : 45 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.996/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPATIALLY CONSTANT SURROUND SOUND

(51) International classification	:H04R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:EP 11 159 608.6	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH</b>
(32) Priority Date	:24/03/2011	Address of Applicant :BECKER-GORING-STRABE 16,
(33) Name of priority country	:EPO	76307 KARLSBAD Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HESS WOLFGANG</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for correcting an input surround sound signal for generating a spatially equilibrated output surround sound signal that is perceived by a user as spatially constant for different sound pressures of the surround sound signal, the input surround sound signal containing front audio signal channels (10.1-10.3) to be output by front loudspeakers (200-1 to 200-3) and rear audio signal channels (10.4, 10.5) to be output by rear loudspeakers. The method comprises the steps of: - generating a first audio signal output channel (14) based on a combination of the front signal audio channels, - generating a second audio signal output channel (15) based on a combination of the rear signal audio channels - determining, based on a psychoacoustic model of human hearing, a loudness and a localisation for a combined sound signal including the first audio signal output channel (14) and the second audio signal output channel (15), wherein the loudness and the localisation is determined for a virtual user (30) located between the front and the rear loudspeakers (200) receiving the first signal (14) from the front loudspeakers (200-1 to 200-3) and the second audio signal (15) from the rear loudspeakers (200-4, 200-5) with a defined head position of the virtual user in which one ear of the virtual user is directed towards one of the front or rear loudspeakers the other ear being directed towards the other of the front or rear loudspeakers, - adapting the front and/or rear audio signal channels (10.1-10.5) based on the determined loudness and localisation in such a way that, when first and second audio signal output channels are output to the virtual user with the defined head position, the audio signals are perceived by the virtual user as spatially constant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9573/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PICTURE CAPTURING METHOD FOR MODULAR LIGHTING SYSTEM

(51) International classification :G06F 3/14  
(31) Priority Document No :09161572.4  
(32) Priority Date :29/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052294  
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

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)SNIJDER Pieter Jacob**  
**2)SONNEVILLE Pierre Robert Valere**

(57) Abstract :

It is disclosed a method for associating pixels of visual content displayed on a display unit with pixels of lighting modules where each lighting module comprises a plurality of pixels and the lighting modules are adapted to be comprised in a lighting system comprising a plurality of lighting modules and a control device wherein the control device is adapted to communicate control signals to the lighting modules. Each of the lighting modules may communicate control signals with neighboring lighting modules and to any of the pixels of the lighting module. Pixels of the visual content may be selected by means of a visual representation of pixels associated with the lighting modules displayed onto the display unit wherein each pixel of the visual representation corresponds to a pixel of the lighting modules.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9574/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MAP GUIDANCE FOR THE STAFF OF A SERVICE-ORIENTED BUSINESS

(51) International classification :G07C 11/00

(31) Priority Document No :09161521.1

(32) Priority Date :29/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052327

Filing Date :26/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)BERKVENS Winfried A. H.**

**2)MASON Jonathan D.**

**3)VAN LOENEN Evert J.**

**4)SINITSYN Alexander**

**5)ABERMETHY Simon G.**

(57) Abstract :

Guidance is provided to a staff of a service-oriented business when catering to a guest on the premises of the service-oriented business. A signal is received from a presence detector on the premises. The signal is representative of a presence of the guest at a pre-determined location on the premises. A length of a time period is determined during which the guest has been present at the pre-determined location. On a display monitor a visual indication is generated of the presence at the pre-determined location. The visual indication has an attribute that changes with the passing of time.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.958/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR RECEIVING INTERACTIVE MESSAGES FROM A ONE-WAY DIGITAL TV

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:100145477	<b>1)TELELYNX INC.</b>
(32) Priority Date	:09/12/2011	Address of Applicant :2F, NO. 66-8, NANKAN RD., SEC.
(33) Name of priority country	:Taiwan	2, LUCHU, TAOYUAN Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)CHEN, JEFF</b>
(87) 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 to receive interactive messages on a one-way digital TV system and a device thereof includes steps of receiving a digital TV transport stream and the digital TV transport stream including at least one TV channel and at least one data channel, wherein the data channel includes at least one message event composed of a message control information and a message content; determining if the message event has play conditions reachable through the message control information; playing the message content when the message event makes play conditions reachable; determining if an interactive command has been received through the message control information; and executing an interactive function when the interactive command is received.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9971/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR EFFECTIVE HANDOVER BETWEEN BASE STATIONS

(51) International classification :H04W 36/00

(31) Priority Document No :12/501,551

(32) Priority Date :13/07/2009

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

(86) International Application No :PCT/US2010/041681

Filing Date :12/07/2010

(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 :**

**1)QUALCOMM Incorporated**

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

(72)**Name of Inventor :**

**1)LEE Chun Woo**

(57) Abstract :

This application includes signaling techniques for performing scanning and handover of a mobile station between a base station and a Femto base station in a wireless communication system.

No. of Pages : 37 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9988/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PREPARING A PREDETERMINED QUANTITY OF BEVERAGE

(51) International classification :B65D 85/804

(31) Priority Document No :09162934.5

(32) Priority Date :17/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/NL2009/050829

Filing Date :30/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)SARA LEE/DE B.V.**

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(72)Name of Inventor :

**1)Wong Kon Euan Gerard**

**2)Brandt Guido**

**3)Koeling Hendrik Cornelis**

**4)Kamerbeek Ralf**

**5)Biesheuvel Arend Cornelis Jacobus**

(57) Abstract :

System for preparing a predetermined quantity of beverage suitable for consumption using an extractable product comprising an exchangeable capsule and an apparatus comprising a fluid dispensing device for supplying an amount of fluid to the exchangeable capsule a receptacle for holding the exchangeable capsule and an outlet arrangement for supplying the beverage to a container. The circumferential wall the bottom and the lid of the capsule enclose an inner space that comprises an extractable product. The system is arranged for bringing the fluid dispensing device in fluid connection with the entrance area for supplying the fluid to the extractable product for preparing the beverage and the outlet arrangement is in fluid communication with the exit area for draining the prepared beverage from the capsule. The capsule further comprises an opening element for providing an opening through the closed exit area for draining the prepared beverage from the capsule.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.847/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR PRODUCING AN ELECTRIC POWER CONVERSION INSTALLATION AND INSTALLATION OBTAINED BY SUCH A METHOD

(51) International classification	:G06F
(31) Priority Document No	:11 00751
(32) Priority Date	:11/03/2011
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SCHNEIDER ELECTRIC INDUSTRIES SAS**  
Address of Applicant :35, RUE JOSEPH MONIER, F-  
92500 RUEIL MALMAISON France  
(72)**Name of Inventor :**  
**1)MOREAU, JULIEN**  
**2)RADU, DANIEL**

(57) Abstract :

The method for producing an electric power conversion installation (1 ; 1' ; 1) comprises the following steps: - providing at least a first functional element (10) in a first container (4), - placing the first container, - providing at least a second functional element (11) in a second container (3 ;3'), - arranging the second container relatively to the first container, - interfacing the at least first and second containers. The electric power conversion installation (1; 1'; 1) is obtained by implementation of the production method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.88/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD OF CONTROLLING HARMFUL ARTHROPOD, COMPOSITION, AND ELECTROSTATIC SPRAY DEVICE

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:2011-004037	<b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b>
(32) Priority Date	:12/01/2011	Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)HIRAYAMA, TAKAHISA</b>
Filing Date	:NA	<b>2)HADINGHAM, TIMOTHY</b>
(87) 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 the present invention, for controlling a harmful arthropod employs an ester compound which has a specific structure. Accordingly, with the method of the present invention, it is possible to control a wide variety of harmful arthropods effectively, without carrying out any heating process (e.g., a smoking process) for spraying the composition or any pressure process (e.g., a gas-pressure process or a mechanical pressure process) for spraying the compositions.

No. of Pages : 104 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9725/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RECOGNIZING MOVING ANATOMICAL STRUCTURES USING ULTRASOUND

(51) International classification	:A61B 8/02	(71)Name of Applicant :
(31) Priority Document No	:09162259.7	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:09/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052506	(72)Name of Inventor :
Filing Date	:07/06/2010	<b>1)REUTER Stefan</b>
(87) International Publication No	: NA	<b>2)DUBIELCZYK Alexander</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WOHLSCHLAGER Markus</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of recognizing at least one moving anatomical structure using ultrasound data that operates by receiving ultrasound data (100).The ultrasound data comprises Doppler shift information which provides information descriptive of the velocity of at least one anatomical structure. The ultrasound data is first divided into a series of time frames (102). A classification is then assigned to each of the time frames using the Doppler shift information (104). The at least one anatomical structure is then recognized by using the classification of each time frame (106). This is possible because different anatomical structures produce different patterns in the Doppler shift information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9726/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : INTERFACE APPLIANCE CARRYING ONE OR MORE SENSORS DETECTING PARAMETERS RELATED TO A FLOW OF FLUID DELIVERED THROUGH THE APPLIANCE

(51) International classification :A61M 16/06

(31) Priority Document No :61/185287

(32) Priority Date :09/06/2009

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

(86) International Application No :PCT/IB2010/052095

Filing Date :11/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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

**1)THOMAS Charles**

**2)HARRELL David**

**3)PITTMAN Stephen Dalton**

(57) Abstract :

An interface appliance is configured to deliver a flow of fluid to the airway of a subject. The generation of the flow of fluid may be controlled to provide a therapeutic benefit to the subject. The interface appliance is configured to carry one or more sensors configured to detect one or more parameters related to the flow of fluid on the subject. The one or more parameters may then be used to control the generation and/or delivery of the flow of fluid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9727/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : ALGORITHM FOR PHOTONIC NEEDLE CONSOLE

(51) International classification :A61B 5/00  
(31) Priority Document No :09162429.6  
(32) Priority Date :10/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052514  
Filing Date :07/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
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**2)HENDRIKS Bernardus Hendrikus Wilhelmus**  
**3)BRAUN Augustinus Laurentius**  
**4)VAN DER VOORT Marjolein**  
**5)DESJARDINS Adrien**  
**6)BABIC Drazenko**  
**7)MIHAJLOVIC Nenad**

(57) Abstract :

Needles are widely used in interventional radiology. Each medical application requires a specific needle type. The same holds for the photonic needles which analysis depends on the type of application the clinician aims for. Therefore it is relevant to have the X-ray machine recognize the type of needle that is being used and to load the required software for the tissue analysis. It is therefore proposed to have a data link established between the imaging modality used for the acquisition of the patient anatomy (X-ray CT MR or US) and the system that processes optical data from the needle so that the information from this imaging modality can be used to guide the processing. In a preferred embodiment the selection is made by reading out the code present in the disposable needle when it is connected to the console.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.973/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : OPTICAL BLADE AND HAIR CUTTING DEVICE

(51) International classification	:A61B 18/20	(71)Name of Applicant :
(31) Priority Document No	:09166194.2	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:23/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053212	(72)Name of Inventor :
Filing Date	:14/07/2010	<b>1)VERHAGEN Rieko</b>
(87) International Publication No	: NA	<b>2)VAN HAL Robbert Adrianus Maria</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SPIKKER Bart Willem Jan</b>
Filing Date	:NA	<b>4)UZUNBAJAKAVA Natallia Eduardauna</b>
(62) Divisional to Application Number	:NA	<b>5)VARGHESE Babu</b>
Filing Date	:NA	<b>6)ACKERMANS Paul Anton Josef</b>

(57) Abstract :

The invention relates to an optical blade and a hair cutting device adapted for cutting a hair near skin of a human body part or animal body part. The optical blade (1) especially for use in a hair cutting device comprises a blade body (3) adapted for guiding optical radiation and a tapered end (2) adapted for allowing the optical radiation to exit the optical blade (1) wherein the tapered end (2) comprises a reflector adapted for redirecting the optical radiation before it exits the optical blade. In this way the balance of closeness vs. irritation is improved beyond the capabilities of conventional shaving systems and an optical blade is provided which is insensitive to the type of shaving additive used while the manufacturing of the optical blade is made easier and costs are reduced.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.969/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : FALL DETECTORS AND A METHOD OF DETECTING FALLS

<p>(51) International classification :A61B 5/11 (31) Priority Document No :09166078.7 (32) Priority Date :22/07/2009 (33) Name of priority country :EPO (86) International Application No :PCT/IB2009/055810 Filing Date :17/12/2009 (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</p>	<p>(71)Name of Applicant : <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : <b>1)BALDUS Heribert</b> <b>2)HAARTSEN Jacob R.</b> <b>3)SCHLUMBOHM Stephen</b> <b>4)DEKKER Ronald</b> <b>5)DE GRAAF Pascal</b> <b>6)VAN VEEN. Nicolaas J. A.</b> <b>7)SCHIPPER Alphonsus Tarcisius Jozef Maria</b></p>
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(57) Abstract :

There is provided a fall detector for detecting falls of a user or an object to which the fall detector is attached characterized in that the fall detector comprises an air flow sensor for providing measurements indicative of vertical velocity and/or changes in altitude of the fall detector.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9695/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD FOR PRODUCING FORMIC ACID\*

(51) International classification :C07C 51/00  
(31) Priority Document No :09008399.9  
(32) Priority Date :26/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP2010/058208  
Filing Date :11/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)BASF SE**  
Address of Applicant :67056 Ludwigshafen Germany  
(72)Name of Inventor :  
**1)SCHAUB Thomas**  
**2)PACIELLO Rocco**  
**3)MOHL Klaus-Dieter**  
**4)SCHNEIDER Daniel**  
**5)SCH.,FER Martin**  
**6)RITTINGER Stefan**

(57) Abstract :

Process for preparing formic acid by hydrogenation of carbon dioxide in the presence of a catalyst comprising an element of group 8, 9 or 10 of the Periodic Table, a tertiary amine and a polar solvent at a pressure of from 0.2 to 30 MPa abs and a temperature of from 20 to 200°C to form two liquid phases, separation of the two liquid phases, wherein the liquid phase (B) enriched with the tertiary amine is recirculated to the hydrogenation reactor and the formic acid/amine adduct from the liquid phase (A) enriched with the formic acid/amine adduct and the polar solvent is thermally dissociated into free formic acid and free tertiary amine in a distillation unit and the tertiary amine liberated in the dissociation and the polar solvent are recirculated to the hydrogenation reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.97/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : ARRAY OF LIGHT EMITTERS

(51) International classification :G02F 1/13357  
(31) Priority Document No :09162610.1  
(32) Priority Date :12/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052529  
Filing Date :08/06/2009  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)SALTERS Bart Andre**  
**2)KRIJN Marcellinus Petrus Carolus Michael**

(57) Abstract :

The invention relates to an array of light generators where each light generator comprises reflecting collimation optics in the form of curved mirrors for collimating light emitted by light sources such as surface mounted Light Emitting Diodes. The collimation optics is formed to collimate light in a direction parallel with a plane e.g. a printed circuit board onto which the light sources are mounted. The light sources may emit light parallel with the direction of collimation or non-parallel e.g. perpendicular with the direction of collimation in which case the collimation optics redirects the light rays from the light source. The array of light generators can be used in combination with a television display for creating a pixelated image appearing to the viewer as an image peripherally surrounding the display.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.964/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 28/06/2013

(54) Title of the invention : PROCESS FOR PRODUCING POLYMER COMPOSITION

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:2011-059480	<b>1)SUMITOMO CHEMICAL COMPANY LIMITED</b>
(32) Priority Date	:17/03/2011	Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(33) Name of priority country	:Japan	Tokyo 104-8260 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUMIDA Masakazu</b>
(87) International Publication No	: NA	<b>2)YAMAZAKI Kazuhiro</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SATO Yoshinori</b>
Filing Date	:NA	<b>4)WAKE Takao</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to provide a process for producing a polymer composition which is able to more efficiently produce the polymer composition with high quality. A process for producing a polymer composition conducts a first polymerization step by supplying a raw material monomer and a polymerization initiator to a first reactor of a complete mixing type (10) through its supply port (11a) to be subjected to continuous polymerization under an adiabatic condition in the first reactor (10), and taking a resultant intermediate composition from an effluent port (11b) located at a top of the first reactor (10) ; and a second polymerization step by supplying the intermediate composition to a second reactor of a complete mixing type (20) through its supply port (21a) to be further subjected to continuous polymerization under an adiabatic condition in the second reactor (20), and taking a resultant polymer composition from an effluent port (21b) located at a top of the second reactor (20), wherein the first polymerization step is conducted at a temperature from 125 to 170°C, and the second polymerization step is conducted at a temperature from 130 to 180°C

No. of Pages : 93 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.964/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PATIENT IDENTIFICATION DISAMBIGUATION SYSTEMS AND METHODS

(51) International classification :G06F 19/00

(31) Priority Document No :61/227268

(32) Priority Date :21/07/2009

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

(86) International Application No :PCT/IB2010/052690

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)GROSS Brian D.**

(57) Abstract :

A method for patient ID resolution in recordation of patient data acquired by a medical device (10) comprises: receiving patient data from the medical device comprising pre gap patient data (50) followed in time by a time gap (52) followed in time by post-gap patient data (54); receiving one or more timestamped patient ID entries (56 58) associated with the received patient data; associating first patient ID information with the pre gap patient data; and associating second patient ID information with the post gap patient data; wherein the associating operations are based on the one or more timestamped patient ID entries (56 58) associated with the patient data.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9711/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHTING CONTROL DEVICE

(51) International classification :H05B 37/02

(31) Priority Document No :09161999.9

(32) Priority Date :05/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052415

Filing Date :31/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)BERKVENS Winfried A. H.**

**2)VAN DE SLUIS Bartel M.**

**3)WILLEMS Lina**

(57) Abstract :

A lighting control device for controlling one or more lighting parameters of each of one or more light sources is disclosed. The lighting control device comprises at least a first user interaction element an element appearance control unit a light setting control unit and a memory for saving at least a first light setting the first light setting comprising values of the one or more lighting parameters. The light setting control unit is adapted to set the lighting parameters according to the first light setting in response to an input via the first user interaction element. The element appearance control unit is adapted to set a first appearance associated with the first user interaction element based on at least one of the lighting parameters of the first light setting. Corresponding system use methods and computer program product are also disclosed.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9712/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MOTION DETERMINATION APPARATUS

(51) International classification :A61B 5/11  
(31) Priority Document No :09162004.7  
(32) Priority Date :05/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052466  
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

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(72)**Name of Inventor :**  
**1)MORREN Geert Guy Georges**  
**2)JIN Anmin**  
**3)YIN Bin**  
**4)DURIC Haris**  
**5)AARTS Ronaldus Maria**

(57) Abstract :

The invention relates to a motion determination apparatus for determining motion of a moving object wherein the motion determination apparatus (1) comprises a multi-axial accelerometer (2) for being positioned at the moving object (4) wherein the multi-axial accelerometer (2) is adapted to generate accelerometer signals indicative of the acceleration along different spatial axes. The motion determination apparatus further comprises a motion signal generation unit (3) for generating a motion signal indicative of the motion of the object (4) by combining the accelerometer signals of different spatial axes. The combination of the accelerometer signals of different spatial axes yields a motion signal having a large signal-to-noise ratio even if an axis is located close to a rotational axis of the movement.

No. of Pages : 32 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8757/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AN ISOLATED POLYPEPTIDE

(51) International classification	:C12P 21/06
(31) Priority Document No	:60/570,161
(32) Priority Date	:11/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/16441
Filing Date	:11/05/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4532/CHENP/2006
Filed on	:11/05/2005

(71)Name of Applicant :

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(72)Name of Inventor :

**1)LIN, RONG-HWA**

**2)CHANG, CHUNQNAM**

(57) Abstract :

The present invention relates to an isolated polypeptide comprising X1-X2-X3-X4-X5, wherein binding of a ligand to the polypeptide on activated T-cells induces death of the cells, and X1 is Tyr, Trp, His, or Met; X2 is Asp; X3 is Ser, Phe, Pro, Glu, or His; X4 is any amino acid; and X5 is Pro, Tyr, His, or Trp, and wherein X1-X2-X3-X4-X5 is not Tyr-Asp-Phe-Leu-Pro.

No. of Pages : 23 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.99/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : FEEDING TUBE FOR A FOOD PROCESSOR AND FOOD PROCESSOR PROVIDED WITH A FEEDING TUBE

(51) International classification :A47J 43/00  
(31) Priority Document No :09162537.6  
(32) Priority Date :12/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052517  
Filing Date :07/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)FILIPITSCH Harald**  
**2)OBERSTEINER Heimo**  
**3)KAEFER Monika**  
**4)MOSER Wolfgang**  
**5)HOLZBAUER Juergen**

(57) Abstract :

A feeding tube (101) is presented for conveying a food article to a food processing tool (104). The feeding tube (101) comprises an inlet opening (107) and an outlet opening (108), and an inner wall (112) connecting the inlet opening (107) and the outlet opening (108). The feeding tube™s inner wall (112) defines a passage (111), through which a food article is conveyable in a conveying direction (109) from the inlet opening (107) to the outlet opening (108). The inner wall (112) has an adjustable inner wall portion (118) for adjusting a cross section (A2) of the passage (111) in a direction having a component perpendicular to the conveying direction (109), which inner wall portion (118) is adjustable irrespective of the food article being present. The adjustable inner wall portion (118) is integrated with the feeding tube (101). The minimum passage cross section (A2) of the feeding tube (101) can be changed in a user friendly way without the need for a variety of parts being difficult to store and prone to loss.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9547/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PARA-ARAMID FIBRID FILM

(51) International classification :D01F 6/60  
(31) Priority Document No :03028090.3  
(32) Priority Date :09/12/2003  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP2004/13543  
Filing Date :30/11/2004  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :2020/CHENP/2006  
Filed on :30/11/2004

(71)Name of Applicant :

**1)TEIJIN ARAMID B.V.**

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6827 AV ARNHEM Netherlands

(72)Name of Inventor :

**1)HENDRIKS, ANTON, JOHANNES, JOSEF**

**2)WILBERS, DENNIS**

**3)GROTENDORST, HARRIE**

**4)JOURNEE, RENE**

**5)OLDENZEEL, MIRJAM, ELLEN**

(57) Abstract :

The present invention relates to a para-aramid film-like fibrid particle, wherein at least 95% of the bonds of aramid of the para-aramid film-like fibrid particle are para-oriented.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9557/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A METHOD AND DEVICE FOR SIDE-EFFECT PROGNOSIS AND MONITORING

(51) International classification :G06F 19/00

(31) Priority Document No :09161384.4

(32) Priority Date :28/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052266

Filing Date :21/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**1)RIBBING Carolina**

**2)WEIBRECHT Martin**

**3)BACHMANN Peter Klaus**

**4)PERKUHN Michael**

**5)LIERFELD Marco Daniel Pascal**

(57) Abstract :

A method for radiotherapy monitoring is provided. The method comprises calculation of treatment-guiding indices of side-effects based on processing image derived descriptors and measurement values of selected disease specific biomarkers and optionally questionnaire data. A computer program product is also provided.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9558/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : RE-CALIBRATION OF PRE-RECORDED IMAGES DURING INTERVENTIONS USING A NEEDLE DEVICE

(51) International classification :A61B 5/00  
(31) Priority Document No :09161321.6  
(32) Priority Date :28/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052030  
Filing Date :07/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)BAKKER Levinus P.**  
**2)HENDRIKS Bernardus H. W.**  
**3)DESJARDINS Adrein E.**

(57) Abstract :

Re-calibration of pre-recorded images during interventions is proposed utilizing an interventional system comprising an imaging device providing images of an object a needle device and a processing device. The needle device comprises a sensor for providing data corresponding to tissue properties. The processing device is adapted to perform an overlay registration of pre-recorded images and live images provided by the imaging device utilizing the data from the sensor. Thus the accuracy of an overlay of images is increased.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9559/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PIVOTING ARRANGEMENT

(51) International classification	:B26B 19/04
(31) Priority Document No	:09161317.4
(32) Priority Date	:28/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/052267
Filing Date	:21/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)BEUGELS Johannes**  
**2)KNOPH Ray**

(57) Abstract :

A pivoting arrangement for a shaving device comprising a pivoting member (10) adapted to support a shaving head a cradle (11) pivotly supporting the pivoting member and a spring loading arrangement (13) arranged to bias the pivoting member in a resting position. The spring loading arrangement has a limited active range so that when the pivoting member is brought out of the resting position in a first pivoting direction the spring loading arrangement is prevented from interacting with the pivoting member in a first point of action (14a) and when the pivoting member is brought out of the resting position in a second pivoting direction the spring loading arrangement is prevented from interacting with the pivoting member in a second point of action (14b).

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9935/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : COMMUNICATION SYSTEM AND COMMUNICATION CONTROLLING METHOD

(51) International classification :H04W 36/12  
(31) Priority Document No :2009-217757  
(32) Priority Date :18/09/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2010/066211  
Filing Date :17/09/2010  
(87) International Publication No :WO 2011/034173  
A1  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :9409/CHENP/2011  
Filed on :17/09/2010

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**3)SCHMID, STEFAN**  
**4)TALEB, TARIK**  
**5)PUNZ, GOTTFRIED**

(57) Abstract :

A communication method in LIPA/ SIPTO architecture is provided which, when a user equipment (UE) is to connect from a serving area to an external network, allows re-selection of an optimal gateway. The communication method allows selecting a gateway apparatus physically or topologically close to a site, where the user equipment is attached.

No. of Pages : 45 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.994/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : DETERMINING A POSITION OF A NAVIGATION DEVICE

(51) International classification	:H04W	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:EP 11 162 466.4	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH</b>
(32) Priority Date	:14/04/2011	Address of Applicant :BECKER-GORING-STR. 16, 76307
(33) Name of priority country	:EPO	KARLSBAD Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MARKUS RADNER</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for determining a position of a navigation device (100). The navigation device (100) is adapted to determine a position of the navigation device (100) based on a plurality of different positioning procedures (301-304). Each positioning procedure (301-304) is working with a predefined parameter set. A plurality of geographical areas (A-C) is provided and each geographical area (A-C) is associated with one of the positioning procedures (301-304). An approximate position of the navigation device (100) is determined and based on this approximate position a geographical area (A-C), in which the navigation device (100) is located, is determined. Based on the determined geographical area (A-C) one of the plurality of positioning procedures (301-304) is selected, and based on the selected positioning procedure (301-304) the position of the navigation device (100) is determined.

No. of Pages : 13 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.995/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : AUTO PROCESSING APPARATUS AND METHOD OF OUTPUTTING STATUS INFORMATION

(51) International classification

:H04R

(31) Priority Document No

:EP 11 160  
535.8

(32) Priority Date

:30/03/2011

(33) Name of priority country

:EPO

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

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(62) Divisional to Application Number

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**2)SONNLEITNER-PHILIPP**

**3)HUBER ROBERT**

**4)SORENSEN BJORN**

**5)DETLEF MEIER**

(57) Abstract :

An audio processing apparatus (10) is configured to process audio signals (7, 8) from a plurality of sources (2, 3). The audio processing apparatus (10) has a digital interface (16) to receive status data indicating a status of at least one source (2, 3), and an optical output device (11) having a plurality of groups (21-28) of graphics display areas which are respectively assigned to one of a plurality of audio channels of the apparatus (10). A control device (12) is configured to receive the status data, to determine at least one group (21-28) of graphics display areas based on the received status data, and to control a graphics display area (29) of the determined at least one group (21-28) to display graphics generated based on the received status data.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.997/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : NAVIGATION DEVICE, METHOD OF OUTPUTTING A THREE DIMENSIONAL ROOF STRUCTURE, AND METHOD OF GENERATING A DATABASE

(51) International classification	:G06T	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:EP11 161 049.9	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH</b>
(32) Priority Date	:04/04/2011	Address of Applicant :BECKER-GORING-STR. 16, 76307
(33) Name of priority country	:EPO	KARLSBAD Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MAREK STRASSENBURG-KLECIAK</b>
(87) 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 navigation device comprises a database storing data for reconstructing three-dimensional roof structures. The data includes information on edges (64, 65) of at least one closed polygon and a type identifier respectively stored in the database for each one of the edges (64, 65). Each one of the type identifiers is respectively selected from a finite set of type identifiers. Plural planar faces (55-56) are generated to reconstruct the roof structure. The planar faces (55, 56) are respectively determined such that they pass through an edge (64, 65) of the polygon and have an orientation determined based on the type identifier stored for the edge.

No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8131/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : LIGHT GUIDING

(51) International classification :G02B 6/125

(31) Priority Document No :09157809.6

(32) Priority Date :10/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051474

Filing Date :06/04/2010

(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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**1)KRIJN Marcellinus P. C. M.**

**2)SALTERS Bart A.**

(57) Abstract :

A light guide (102) for bending guided light from a first direction (12) into a second direction (13) using a set of curved slits (9 10 11) formed in the light guiding core. The set of curved slits delimits separate bent light guide channels (14 15 16 17) which guide the light through the bent light guide channels by total internal reflection.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8136/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : PAPER BAG WITH DETACHABLE CARD

(51) International classification	:B65D 33/00
(31) Priority Document No	:09161155.8
(32) Priority Date	:26/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/054416
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)MURGIA Nadia**

(57) Abstract :

The present invention is directed to a paper bag which contains at least one detachable card. The cards are preferably located in the internal folded part of the bag and can be used for example as a visiting card a Christmas card a S. Valentine card an anniversary card or a discount coupon. The cards might have different shapes such as rectangular a square a star a circle a oval or an image such as a tree a heart or a Santa Claus.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8137/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PELVIC FLOOR REPAIR IN THE HUMAN FEMALE

(51) International classification :A61F 2/00  
(31) Priority Document No :12/421,116  
(32) Priority Date :09/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/028993  
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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(72)**Name of Inventor :**  
**1)TOWNSEND Philip A.**  
**2)AFREMOV Michael**  
**3)BROWN Roderick B.**

(57) Abstract :

A prosthesis for addressing pelvic organ prolapse in females comprises a frame fabricated from a shape memory material that supports a thin flexible mesh sheet in a stretched condition when the frame is unconstrained. The mesh sheet is formed with two finger receiving pockets proximate its posterior periphery to be used by the surgeon in steering the prosthesis to a desired disposition within the pelvic basin. The frame is shaped so as to conform to and be supported by bone structures and muscle tissue in the pelvic basin while providing needed support to pelvic organs to maintain them in a proper position. The use of a shape memory material allows the prosthesis to be rolled or folded into a reduced size for ease of placement through a small incision in the wall of the vagina but that springs back to its memorized shape following deployment from a delivery sheath.

No. of Pages : 54 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8487/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND APPARATUS THAT FACILITATES OPERATING A RELAY VIA A MULTIMEDIA BROADCAST SINGLE FREQUENCY NETWORK BASED BACKHAUL LINK

(51) International classification :H04W88/04  
(31) Priority Document No :61/181,587  
(32) Priority Date :27/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/036480  
Filing Date :27/05/2010  
(87) International Publication No :WO 2010/138768 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)WANSI CHEN**  
**2)DEXU LIN**  
**3)TINGFANG JI**

(57) Abstract :

Aspects are disclosed for operating a relay via an MBSFN-based backhaul link. Control resources are allocated, which include a first set of control resources and a second set of control resources. For some embodiments, a portion of the first set of control resources is concatenated with a portion of the second set of control resources to form a concatenation of resources whereas, in other embodiments, an indication scheme is implemented to provide an indication of a first or second allocation size respectively associated with the first and second set of control resources. At least one control signal is then transmitted which includes at least one of the concatenation or the indication. Other disclosed embodiments are directed towards configuring a user equipment to decode a control signal generated according to the aspects disclosed herein.

No. of Pages : 69 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION

(21) Application No.849/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : PREPARATION OF FIPAMEZOLE

(51) International classification :C07D 233/56  
(31) Priority Document No :1814/CHE/2009  
(32) Priority Date :31/07/2009  
(33) Name of priority country :India  
(86) International Application No :PCT/US2010/043643  
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

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(72)Name of Inventor :

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**2)Yedugani Lingam**

**3)Kamaraju Raghavendra Rao**

**4)Jammula Subba Rao**

**5)Swapna Manikonda**

**6)Vilas H. Dahanukar**

(57) Abstract :

The application relates to processes for preparing fipamezole and its pharmaceutically acceptable salts and intermediates thereof. It also provides intermediate compounds of Formula III and Formula IV and processes for their preparation.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9921/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : CASCADED GAS CHROMATOGRAPHS (CGCS) WITH INDIVIDUAL TEMPERATURE CONTROL AND GAS ANALYSIS SYSTEMS USING SAME

(51) International classification :G01N 30/30

(31) Priority Document No :61/223,678

(32) Priority Date :07/07/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/041243

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

(71)Name of Applicant :

**1)TRICORNTech CORPORATION**

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(72)Name of Inventor :

**1)WANG Li-Peng**

**2)HUANG Chien-Lin**

**3)CHOU Tsung-Kuan A.**

(57) Abstract :

The disclosure describes a cascaded gas chromatograph including a first gas chromatograph having a first temperature control and a second gas chromatograph coupled to the first gas chromatograph. The first and second chromatographs have individual temperature controls that can be controlled independently of each other. Other embodiments are disclosed and claimed.

No. of Pages : 54 No. of Claims : 32



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8254/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :11/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR STORING A CANDIDATE REPORT

(51) International classification :G06F 19/00

(31) Priority Document No :09158142.1

(32) Priority Date :17/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051645

Filing Date :15/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)SEVENSTER Merlijn**

(57) Abstract :

Extensive databases of well-annotated reports are important knowledge sources in medical workflows such as in radiology. These are typically accessed by the healthcare professional looking for reports similar to a current case being evaluated. However filling and maintaining such databases requires considerable effort. A system is provided for storing a candidate report comprising a searcher configured to retrieve one or more queries from a query database; to retrieve the candidate report from a user input; to execute the one or more queries on the candidate report to determine the relevance of the candidate report and to store the candidate report in the report database if the relevance exceeds a predetermined value. The invention provides a check, prior to storing, to evaluate whether a candidate report would actually be a worthwhile addition to the database. If not, it is by default not added. The healthcare professional is alerted when reporting on a case, so that superfluous cases are identified and left out of the database.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.979/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SWITCHING BETWEEN 3D VIDEO AND 2D VIDEO

(51) International classification :H04N 13/00  
(31) Priority Document No :09166461.5  
(32) Priority Date :27/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053318  
Filing Date :21/07/2010  
(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)NEWTON Philip Steven**  
**2)BRULS Wilhelmus Hendrikus Alfonsus**  
**3)DE HAAN Wiebe**  
**4)TALSTRA Johan Cornelis**  
**5)MOLI Hendrik Frank**

(57) Abstract :

A three dimensional [3D] video signal is processed in a video device (50). The device has generating means (52) for generating an output signal for transferring the video data via a high-speed digital interface like HDMI to a 3D display which selectively generate a 3D display signal for displaying the 3D video data on a 3D display operative in a 3D mode a 2D display signal for displaying 2D video data on the 3D display operative in a 2D mode or a pseudo 2D display signal by including 2D video data in the output signal for displaying the 2D video data on the 3D display operative in the 3D mode.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.98/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : MR IMAGING GUIDED ULTRASOUND THERAPY

(51) International classification	:A61N 7/02	(71)Name of Applicant :
(31) Priority Document No	:09162547.5	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:12/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052537	(72)Name of Inventor :
Filing Date	:08/06/2010	<b>1)VIRTA Tero Jouko Valtter</b>
(87) International Publication No	: NA	<b>2)EHNHOLM Gosta Jakob</b>
(61) Patent of Addition to Application Number	:NA	<b>3)IMMONEN Paavo</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a therapeutic system which comprises: - an ultrasound therapy unit (1) arranged to insonify at least a portion of a body (2) of a patient with high intensity ultrasound, wherein the ultrasound therapy unit (1) comprises an ultrasound applicator (10) attached to a patient table (9) carrying the body (2) of the patient, and - a MR imaging unit (3) arranged to acquire MR signals from the portion of the body (2) and to reconstruct a MR image from the MR signals, wherein the MR imaging unit (3) comprises a RF receiving antenna (14) for receiving the MR signals. It is an object of the invention to provide a therapeutic system which facilitates a good image quality close to the ultrasound applicator and improves the usability of the therapeutic system. To this end, the invention proposes that the RF receiving antenna (14) is integrally incorporated into the patient table (9).

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9757/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : A MOBILE STREAMING CAMERA AND A METHOD FOR COMMUNICATION

(51) International classification	:H04N 7/14
(31) Priority Document No	:60/508861
(32) Priority Date	:07/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA04/01785
Filing Date	:07/10/2004
(87) International Publication No	:WO/2005/034505
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1183/CHENP/2006
Filed on	:07/10/2004

(71)Name of Applicant :

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**2)BARUN, TIMOTHY, N.**

**3)FREILING, DONALD, A.**

**4)KAVANAGH, CHRISTOPHER, T.**

**5)WIELER, CONWAY, A.**

**6)TEACHER, KERRY, E.**

**7)MCCONNELL, ROBERT, R.**

**8)WOTHERSPOON, KENT, D.**

(57) Abstract :

A mobile streaming camera is operable by an operator for communication with one of more remote clients through a wireless network allows compressed communication of video and audio in both directions together with voice signals in a telephony type communication. The remote client is able to control the operation by voice signals or direct control. A video display at the camera and at the remote client allows communication of additional data.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.976/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTRONIC DEVICE AND AUDIO ACCESSORY HAVING A PLURALITY OF PASSIVE SWITCHES FOR CONTROLLING THE AUDIO DEVICE

(51) International classification	:H03F
(31) Priority Document No	:11158471.0
(32) Priority Date	:16/03/2010
(33) Name of priority country	:EPO
(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)EL-HAGE MOHAMAD**

(57) Abstract :

According to some aspects, a system for controlling an electronic device including an audio accessory coupled to the electronic device. The audio accessory has at least one speaker adapted to provide audio output and a plurality of resistive switches. The electronic device has a bias voltage source adapted to provide power to the resistive switches via a bias resistor and a ground connection, and a measurement module. The measurement module is adapted to monitor a bias point to determine which of the at least one switch has been engaged based on effect of the resistive switches on the ground offset voltage after compensating for a ground offset voltage caused by the audio output.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.976/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : METHOD AND ADJUSTMENT SYSTEM FOR ADJUSTING SUPPLY POWERS FOR SOURCES OF ARTIFICIAL LIGHT

(51) International classification :H05B 37/02

(31) Priority Document No :09166312.0

(32) Priority Date :24/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053268

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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(72)Name of Inventor :

**1)OSINGA Paul**

**2)DE LAAT Jules**

(57) Abstract :

The invention describes a method for adjusting supply powers for a first source of artificial light (5 5 5 5) in a first zone (W) of a room (1) and of a number of second sources of artificial light (9 9 9 9 11 11 11 11) in a number of second zones (K1 K2) of the room (1). Thereby the first zone (W) is closer to an external light source (3 3 3 3) than the second zones (K1 K2) and the supply powers for the first and second sources of artificial light (5 5 5 5 9 9 9 9 11 11 11 11) are reduced when a level of combined light level (Pcomb) comprising light (L1) from the first source of artificial light (5 5 5 5) and light (Le) from the external light source (3 3 3 3) increases.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.95/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SUBJECT DETECTION

(51) International classification :G06F  
(31) Priority Document No :09162469.2  
(32) Priority Date :11/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052541  
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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**2)BRUEKERS Alphons Antonius Maria Lambertus**  
**3)DE GROOT Koen Theo Johan**  
**4)BREEBAART Dirk Jeroen**

(57) Abstract :

The application describes a child monitoring system and method for detecting and discriminating between children and adults passing under a sensor that is independent of the position of the sensor in relation to the subject. The system determines a distance to a surface on which a person can stand and calculates a reference distance from this distance and a desired threshold. When a person enters the sensor range the distance to the top of the person<sup>TM</sup>s head is compared with the reference distance to determine whether the person is an adult or a child. An alert can be provided when a child is detected as opposed to an adult and alerts can be suppressed if an adult is in the vicinity.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9867/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : MIXER-TRANSCONDUCTANCE INTERFACE WITH SELECTABLE MIXER AND TRANSCONDUCTANCE UNITS

(51) International classification :H03D 7/16  
(31) Priority Document No :61/222,569  
(32) Priority Date :02/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/040958  
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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**1)CHOKSI Ojas M.**

**2)RANJAN Mahim**

(57) Abstract :

Techniques for providing an efficient interface between a mixer block and a transconductance (Gm) block. In an exemplary embodiment the output currents of at least two unit cells of the transconductance block are conductively coupled together and coupled to the mixer block using a single conductive path. For a differential signal the conductive path may include two conductive leads. Within the mixer block the single conductive path may be fanned out to at least two unit cells of the mixer block. At least one Gm unit cell may be selectively enabled or disabled to control the gain setting of the mixer-transconductance block. The techniques may further be applied to transceiver architectures supporting in-phase and quadrature mixing as well as multi-mode and/or multi-band operation.

No. of Pages : 35 No. of Claims : 23



(12) PATENT APPLICATION PUBLICATION

(21) Application No.8009/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : AMINOALKANOL DERIVATIVES

(51) International classification	:A61K 31/135
(31) Priority Document No	:0324210.4
(32) Priority Date	:15/10/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/11567
Filing Date	:14/10/2004
(87) International Publication No	:WO/2005/040091
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1267/CHENP/2006
Filed on	:14/10/2004

(71)Name of Applicant :

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(72)Name of Inventor :

**1)KUSTERS, ERNST**

**2)OBERER, LUKAS**

**3)SEDELMEIER, GOTTFRIED**

(57) Abstract :

Disclosed are compounds of formula (I) wherein R1, R2, R5 and R6 are as defined in the claims; such compounds have interesting pharmacological properties.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8340/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 28/06/2013

(54) Title of the invention : SYSTEMS AND APPARATUS FOR LIGHT-BASED SOCIAL COMMUNICATIONS

(51) International classification :H04L 29/08

(31) Priority Document No :61/171543

(32) Priority Date :22/04/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/051445

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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**4)BERGMAN Anthonie Hendrik**

**5)BERKVENs Winfried Antonius Henricus**

**6)YORK Allan Brent**

(57) Abstract :

Light-based systems for communicating information associated with the formation of social connections are disclosed. One or more lighting controllers controlling individually controllable luminaires are used in conjunction with communication networks in order to identify and form remote light-based social connections. Additionally visualization controllers are used in conjunction with visualization infrastructures visualization actuators localization systems and identification systems to visually identify proximally present potential social connections.

No. of Pages : 51 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.835/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR MEASURING A RESONANCE FREQUENCY OF A TUBE

(51) International classification :G01H 13/00  
(31) Priority Document No :200910160418.8  
(32) Priority Date :16/07/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/IB2010/053190  
Filing Date :13/07/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)BRAND Maarten Leonardus Christian**  
**2)DONG Liang**  
**3)DU Juan**

(57) Abstract :

The invention proposes a system for measuring a resonance frequency of a tube. The system comprises: - an oscillating unit (21) for oscillating the tube at a plurality of oscillation frequencies, respectively; - a detecting unit (22) for detecting a time delay of transmitting a pressure pulse from a first position to a second position in the tube when the tube is oscillated at each oscillation frequency, wherein, when the tube is oscillated at each oscillation frequency in a specific oscillation frequency range of the plurality of oscillation frequencies, the detecting unit (22) 10 detects a variation of the time delay - a determining unit (23) for determining a maximal variation of the time delay when the tube is oscillated at the oscillation frequencies in the specific oscillation frequency range; and 15 - an indicating unit (24) for indicating an oscillation frequency corresponding to the maximal variation of the time delay, being a resonance frequency of the tube.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.940/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SPATIALLY-FINE SHEAR WAVE DISPERSION ULTRASOUND VIBROMETRY SAMPLING

(51) International classification :A61B 8/00  
(31) Priority Document No :61/226485  
(32) Priority Date :17/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052863  
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 :

Shear wave dispersion ultrasound vibrometry (SDUV) is implemented in some embodiments to form from a single tracking pulse in-parallel-directed receive lines (411-426) for making measurements of a monochromatic shear wave. In some embodiments sampling is performed over spatial locations by means of passes over the locations in an interlaced pattern (600) for making measurements of the wave. In some embodiments measurements are made of the wave and to the measurements are applied a bank of filters (S724) that are tuned to respective candidate wave speeds all without the need to determine a difference between wave phases at different spatial locations (451-454).

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.974/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 28/06/2013

(54) Title of the invention : SENSE A PHYSIOLOGICAL RESPONSE

(51) International classification :A61M 1/06

(31) Priority Document No :09166201.5

(32) Priority Date :23/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053245

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

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(57) Abstract :

An apparatus comprising a sensing unit configured to detect a physiological response from a user of a breast pump and to trigger a change in an operation of the breast pump in dependence of the detected physiological response the sensing unit being located separately from a funnel of the breast pump.

No. of Pages : 27 No. of Claims : 13

***CONTINUED TO PART- 2***