

# CONTINUED FROM PART 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00251/MUMNP/2004 A

(19) INDIA

(22) Date of filing of Application :28/04/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : BENZIMIDAZOLIDINONE DERIVATIVES AS MUSCARINIC AGENTS

|                                               |                              |
|-----------------------------------------------|------------------------------|
| (51) International classification             | :A61K 31/44 ;<br>A61K 31/445 |
| (31) Priority Document No                     | :60/326,754                  |
| (32) Priority Date                            | :02/10/2001                  |
| (33) Name of priority country                 | :U.S.A.                      |
| (86) International Application No             | :PCT/US02/31308              |
| Filing Date                                   | :30/09/2002                  |
| (87) International Publication No             | :WO<br>03/028650A3           |
| (61) Patent of Addition to Application Number | :NA                          |
| Filing Date                                   | :NA                          |
| (62) Divisional to Application Number         | :NA                          |
| Filing Date                                   | :NA                          |

(71)Name of Applicant :

**1)ACADIA PHARMACEUTICALS INC**

Address of Applicant :3911 SORRENTO VALLEY BLVD.,SAN  
DIEGO,CA 92121-1402, U.S.A.

(72)Name of Inventor :

**1)KELLY NICHOLAS MICHAEL**

**2)KOCH KRISTIAN NORUP**

**3)TOLF BO-RAGNAR**

(57) Abstract :

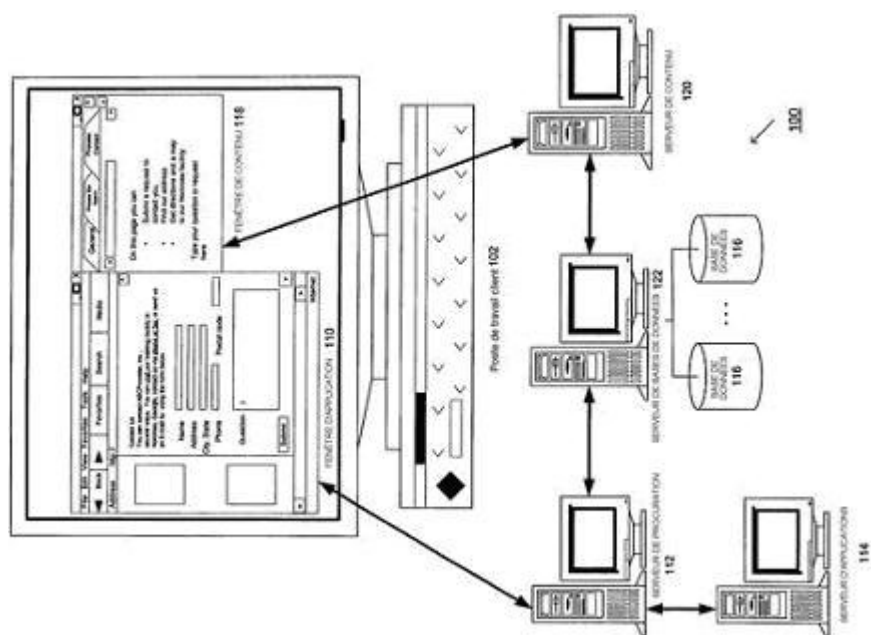
Benzimidazolidinone derivative compounds, which increase acetylcholine signalling or effect in the brain, and highly selective muscarinic agonists, particularly for the M1 and/or M4 receptor subtypes, pharmaceutical compositions comprising the same, as well as methods of treating psychosis using these compounds are disclosed.

(54) Title of the invention : WEB-BASED HELP/TRAINING CONTENT

|                                               |                 |                                                         |
|-----------------------------------------------|-----------------|---------------------------------------------------------|
| (51) International classification             | :G09B 3/00      | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :10/151,256     | <b>1)THINKSMART PERFORMANCE SYSTEMS LLC</b>             |
| (32) Priority Date                            | :21/05/2002     | Address of Applicant :5835 PEACHTREE CORNERS EAST SUITE |
| (33) Name of priority country                 | :U.S.A.         | A-3, NORCROSS, GA 30092, U.S.A.                         |
| (86) International Application No             | :PCT/US03/15204 | (72)Name of Inventor :                                  |
| Filing Date                                   | :14/05/2003     | <b>1)HOPKINS ROSALIE MARIE</b>                          |
| (87) International Publication No             | :WO03/100747A1  | <b>2)CHODROW SARH ELIZABETH</b>                         |
| (61) Patent of Addition to Application Number | :NA             | <b>3)DANNER KEVIN RORY</b>                              |
| Filing Date                                   | :NA             |                                                         |
| (62) Divisional to Application Number         | :NA             |                                                         |
| Filing Date                                   | :NA             |                                                         |

(57) Abstract :

A system and method of the present invention supplies a user of a web-based application with relevant interactive help/training content (118) that corresponds to an object or page of the web-based application that the user's cursor is pointing to (110). The help/training content may include instructions, policies, procedures, tips and other information (414) that may be dynamically updated and delivered to the user (Figure 7). The relevant help/training content may be displayed in a separate browser window (412) where general information related to a page or pages as well as specific information related to a particular object may be provided (118).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.0907/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A SYSTEM FOR SELECTING AND CONFIRMING AN IMPULSE PURCHASE FOR PAY TELEVISION

(51) International classification :H04N7/16  
(31) Priority Document No :1269/99  
(32) Priority Date :09/07/1999  
(33) Name of priority country :Switzerland  
(86) International Application No :PCT/IB00/00913  
Filing Date :06/07/2000  
(87) International Publication No :WO01/05151A1  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :IN/PCT/2001,01503/MUM  
Filed on :28/11/2001

(71)**Name of Applicant :**  
**1)NAGRAVISION SA**  
Address of Applicant :22,ROUTE DE geneve, CH - 1033, Cheseauxsur  
Lausanne, Switzerland  
(72)**Name of Inventor :**  
**1)ANDRE KUDELSKI**  
**2)MARCO SASSELLI**  
**3)PHILIPPE STRANSKY**  
**4)LAURENT LAFFELY**

(57) Abstract :

The invention concerns a pay television system wherein selecting and validating an impulse purchase are carried out by the user by display on a screen of a programme schedule. The user's selection of a particular programme of his own choice from the schedule is subsequently validated in the system by an Electronic Management Message (EMM), said message being specific for an impulse purchase. In order to authorise immediate display of the selected programme, an impulse purchase-specific EMM is contained in the data attached to the programme schedule display.

| D, H, Des | Ref | D, H, Des | Ref | D, H, Des | Ref | ----- |
|-----------|-----|-----------|-----|-----------|-----|-------|
|-----------|-----|-----------|-----|-----------|-----|-------|

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/01/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : OXIDATION OF AROMATIC HYDROCARBONS USING BROMINATED ANTHRACENE PROMOTERS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C51/00         |
| (31) Priority Document No                     | :60/476,687        |
| (32) Priority Date                            | :06/06/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/016694 |
| Filing Date                                   | :27/05/2004        |
| (87) International Publication No             | :WO/2005/000779A1  |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)BP CORPORATION NORTH AMERICA INC.**  
Address of Applicant :4101 Winfield Road, Warrenville, IL 60555,  
U.S.A.  
(72)**Name of Inventor :**  
**1)METELSKI, PETER D.**  
**2)ESPENSON, JAMES H.**

(57) Abstract :

Brominated anthracene is effectively used in a catalyst system as promoter for the catalytic oxidation of aromatic hydrocarbons in the production of aromatic carboxylic acids and results in reduced corrosion of process equipment and reduced formation of alkyl bromides while providing yield and quality comparable to that of conventional bromine promoters.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.100/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/01/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : FLUID OVER-FLOW/MAKE-UP AIR ASSEMBLY FOR REPROCESSOR

|                                               |                    |                                                               |
|-----------------------------------------------|--------------------|---------------------------------------------------------------|
| (51) International classification             | :A61L2/00          | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :10/633,342        | <b>1)STERIS INC.</b>                                          |
| (32) Priority Date                            | :01/08/2003        | Address of Applicant :43425 Business Park Drive, Temecula, CA |
| (33) Name of priority country                 | :U.S.A.            | 92590, U.S.A.                                                 |
| (86) International Application No             | :PCT/US2004/024479 | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :28/07/2004        | <b>1)JETHROW, Christopher A</b>                               |
| (87) International Publication No             | :WO2005/011750A2   | <b>2)KRAL, Jude, A</b>                                        |
| (61) Patent of Addition to Application Number | :NA                | <b>3)SARGENT, Donald, A.</b>                                  |
| Filing Date                                   | :NA                |                                                               |
| (62) Divisional to Application Number         | :NA                |                                                               |
| Filing Date                                   | :NA                |                                                               |

(57) Abstract :

A system for sterilizing or microbially deactivating instruments and devices. The system includes a circulation system for circulating a microbial deactivation fluid through a chamber for containing the instruments and devices. The chamber forms a portion of the circulation system. The system further includes a fluid over-flow/makeup air assembly. The fluid over-flow/make-up air assembly includes a manifold having an inner cavity that is in fluid communication with the circulation system, an overflow port in the manifold, and an overflow valve assembly disposed in the manifold allowing fluid flow from the cavity to the overflow port when a pressure in the cavity exceeds a pressure in the overflow port by a predetermined amount. A filter assembly is attached to the manifold. The filter assembly has a filter valve assembly in communication with the cavity. The filter assembly is operable to allow air through the filter assembly into the cavity when the pressure within the cavity is a predetermined amount less than the pressure within the filter assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1002/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : BATTERY

|                                               |                    |                                                            |
|-----------------------------------------------|--------------------|------------------------------------------------------------|
| (51) International classification             | :H01M6/04,H01M4/38 | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :NA                | <b>1)WU I-LONG</b>                                         |
| (32) Priority Date                            | :NA                | Address of Applicant :6F-1 NO 36 LINSSEN RD. TAICHUNG CITY |
| (33) Name of priority country                 | :NA                | TAIWAN R.O.C. Taiwan                                       |
| (86) International Application No             | :NA                | <b>2)WU CHIA-TIEN</b>                                      |
| Filing Date                                   | :NA                | <b>3)WU CHIA-YUN</b>                                       |
| (87) International Publication No             | : NA               | (72) <b>Name of Inventor :</b>                             |
| (61) Patent of Addition to Application Number | :NA                | <b>1)WU I-LONG</b>                                         |
| Filing Date                                   | :NA                | <b>2)WU CHIA-TIEN</b>                                      |
| (62) Divisional to Application Number         | :NA                | <b>3)WU CHIA-YUN</b>                                       |
| Filing Date                                   | :NA                |                                                            |

(57) Abstract :

A small electric current environmental protection battery, has two different potential difference conductive material functioning as a positive substrate and a negative substrate; when said positive substrate and said negative substrate are separated by a minimum suitable distance, and then has the maximum potential difference between said positive substrate and negative substrate. With such an arrangement, provide electric power form said battery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1004/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : ARTICLES AND GARMENTS MADE OF FABRIC

|                                               |            |                                                            |
|-----------------------------------------------|------------|------------------------------------------------------------|
| (51) International classification             | :D06M10/00 | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :NA        | <b>1)JHAWAR ANIL KUMAR</b>                                 |
| (32) Priority Date                            | :NA        | Address of Applicant :178-D, CAVEL CROSS LANE NO.7, GROUND |
| (33) Name of priority country                 | :NA        | FLOOR, OFFICE NO.2, KALBADEVI ROAD, MUMBAI Maharashtra     |
| (86) International Application No             | :NA        | India                                                      |
| Filing Date                                   | :NA        | (72) <b>Name of Inventor :</b>                             |
| (87) International Publication No             | :NIL       | <b>1)JHAWAR ANIL KUMAR</b>                                 |
| (61) Patent of Addition to Application Number | :NA        |                                                            |
| Filing Date                                   | :NA        |                                                            |
| (62) Divisional to Application Number         | :NA        |                                                            |
| Filing Date                                   | :NA        |                                                            |

(57) Abstract :

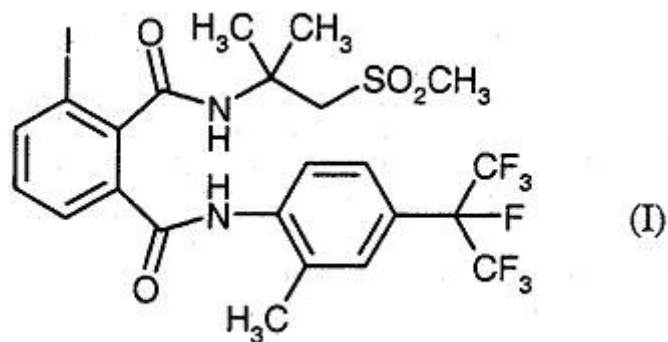
This invention relates to the composition and the process for the preparation of the textile fabric and articles and garments made of textile fabric, characterized in that the composition comprises N, N-diethyl m-toluamide (DEET) impregnated in the fabric, comprising the processes steps of, scouring the fabric, dyeing the fabric, drying and finishing step to impregnate the fabric with N, N-diethyl m-toluamide (DEET).

(54) Title of the invention : ACTIVE COMPOUND COMBINATIONS HAVING INSECTICIDAL AND ACARICIDAL PROPERTIES

|                                               |             |                                                            |
|-----------------------------------------------|-------------|------------------------------------------------------------|
| (51) International classification             | :A01N37/22  | (71)Name of Applicant :                                    |
| (31) Priority Document No                     | :10248257.8 | <b>1)BAYER CROPSCIENCE AG</b>                              |
| (32) Priority Date                            | :16/10/2002 | Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, |
| (33) Name of priority country                 | :Germany    | Germany                                                    |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                     |
| Filing Date                                   | :NA         | <b>1)JORG KONZE</b>                                        |
| (87) International Publication No             | : NA        | <b>2)WOLFRAM ANDERSCH</b>                                  |
| (61) Patent of Addition to Application Number | :NA         | <b>3)DIETRICH STUBLER</b>                                  |
| Filing Date                                   | :NA         | <b>4)RUDIGER FISCHER</b>                                   |
| (62) Divisional to Application Number         | :NA         |                                                            |
| Filing Date                                   | :NA         |                                                            |

(57) Abstract :

Compositions comprising mixtures of N<sup>2</sup>-[1,1-dimethyl-2-(methylsulphonyl)-ethyl]-3-iodo-N<sup>1</sup>-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-phenyl]phthalamide of the formula (I) and at least one of the compound listed blow: triflumuron, flufenoxuron, methoxyfenozone, tebufenozide, thiacloprid, thiamethoxam, dinotefuran, clothianidin, deltamethrin, ethiprole, fipronil, indoxacarb, emamectin-benzoate, abamectin, spinosad.



(54) Title of the invention : SYSTEM AND METHOD OF SENSING ACTUATION AND RELEASE VOLTAGES OF AN INTERFEROMETRIC MODULATOR

(51) International classification :G09G5/00,G02F1/21  
 (31) Priority Document No :60/604,892  
 (32) Priority Date :27/08/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No :Nil  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)IDC,LLC**

Address of Applicant :2415 Third Street, San Francisco, California  
 94107 U.S.A.

(72)Name of Inventor :

**1)Mare MIGNARD**

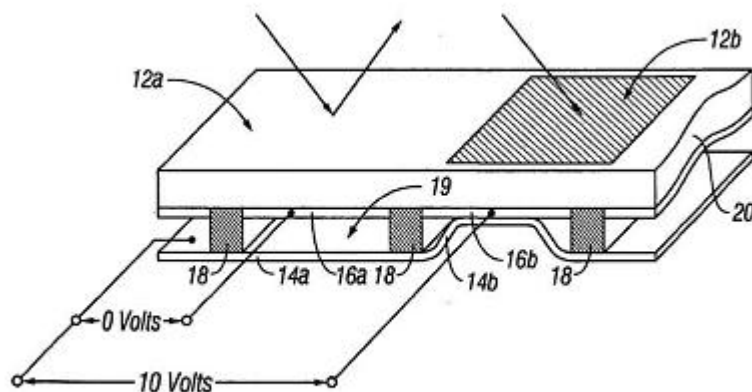
**2)Clarence CHUI**

**3)Mithran C.MATHEW**

**4)Jeffery B. SAMPSELL**

(57) Abstract :

A method for sensing the actuation and/or release voltages of a microelectromechanical device include applying a varying voltage to the device and sensing its state and different voltage levels. In one embodiment, the device is part of a system comprising an array of interferometric modulators suitable for a display. The method can be used to compensate for temperature dependent changes in display pixel characteristics.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1011/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : PACKAGING FOR DISPOSABLE SOFT CONTACT LENSES

|                                               |                      |
|-----------------------------------------------|----------------------|
| (51) International classification             | :B65D75/32,A45C11/04 |
| (31) Priority Document No                     | :10/781,321          |
| (32) Priority Date                            | :17/02/2004          |
| (33) Name of priority country                 | :U.S.A.              |
| (86) International Application No             | :PCT/IB2005/000388   |
| Filing Date                                   | :16/02/2005          |
| (87) International Publication No             | :WO2005/082721A2     |
| (61) Patent of Addition to Application Number | :NA                  |
| Filing Date                                   | :NA                  |
| (62) Divisional to Application Number         | :NA                  |
| Filing Date                                   | :NA                  |

(71)**Name of Applicant :**  
**1)CLEARLAB PTE LTD**  
Address of Applicant :#06-02 139 Joo Seng Road,Singapore  
368362,Singapore Singapore  
(72)**Name of Inventor :**  
**1)NEWMAN,Stephen,D.**

(57) Abstract :

The present invention provides a contact lens package in which the overall internal depth of the package is less than the natural sagittal depth of the contact lens. Different single-use contact lens package shapes and configurations may be used. In some embodiments, a spring disc is included in the packages to help present the contact lens to the user when the package is opened. The contact lens packages may be adhered or clipped to a card or other carrier sheet, and may be housed in a number of different secondary packages.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1013/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :26/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL DOSAGE FORM

|                                               |                          |                                                                                                                                                                             |
|-----------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/4439<br>A61K9/46 | (71) <b>Name of Applicant :</b><br><b>1)TORRENT PHARMACEUTICALS LIMITED</b><br>Address of Applicant :Off Ashram Road, Near Dinesh Hall,<br>Ahmedabad 380 009, Gujarat India |
| (31) Priority Document No                     | :NA                      | (72) <b>Name of Inventor :</b>                                                                                                                                              |
| (32) Priority Date                            | :NA                      | <b>1)NADKARNI, Sunil, Sadanand</b>                                                                                                                                          |
| (33) Name of priority country                 | :NA                      | <b>2)VAYA, Navin</b>                                                                                                                                                        |
| (86) International Application No             | :NA                      | <b>3)KARAN, Rajesh, Singh</b>                                                                                                                                               |
| Filing Date                                   | :NA                      | <b>4)GUPTA, Vinod, 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 dosage form comprising of a high dose, high solubility active ingredient as modified release and a low dose active ingredient as immediate release where the weight ratio of immediate release active ingredient and modified release active ingredient is from 1:10 to 1:15000 and the weight of modified release active ingredient per unit is from 500 mg to 1500 mg; a process for preparing the dosage form.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1015/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

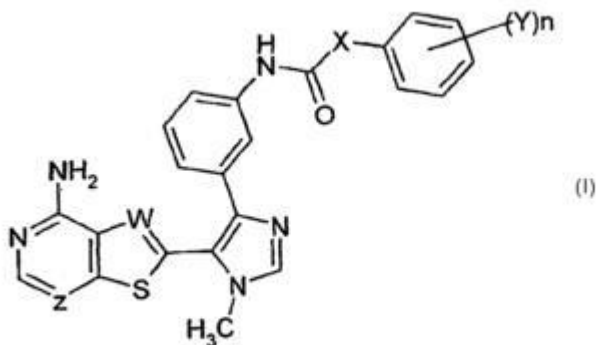
(43) Publication Date : 29/06/2007

(54) Title of the invention : SUBSTITUTED THIENO-AND THIAZOLO -[2, 3-D] PYRIDINES AS INHIBITORS OF TIE2

|                                               |                    |                                                   |
|-----------------------------------------------|--------------------|---------------------------------------------------|
| (51) International classification             | :C07D495/04,       | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :0402518.5         | <b>1)ASTRAZENECA AB</b>                           |
| (32) Priority Date                            | :05/02/2004        | Address of Applicant :SE-151 85 Sodertaje, Sweden |
| (33) Name of priority country                 | :U.K.              | (72) <b>Name of Inventor :</b>                    |
| (86) International Application No             | :PCT/GB2005/000339 | <b>1)JONES,Clifford</b>                           |
| Filing Date                                   | :01/02/2005        | <b>2)LUKE,Richard,William</b>                     |
| (87) International Publication No             | :WO2005/075483A1   | <b>3)MCCOULL,William</b>                          |
| (61) Patent of Addition to Application Number | :NA                |                                                   |
| Filing Date                                   | :NA                |                                                   |
| (62) Divisional to Application Number         | :NA                |                                                   |
| Filing Date                                   | :NA                |                                                   |

(57) Abstract :

A compound of the formula(I); wherein the substituents are as defined in the text for use in the production of an anti-angiogenic effect in a warm blooded animal such as man. The compounds are inhibitors Tie2 receptor tyrosine kinase (TEK).





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1017/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF HIGHLY PURE CRYSTALLINE HYDROCHLOROTHIAZIDE

|                                               |             |                                                   |
|-----------------------------------------------|-------------|---------------------------------------------------|
| (51) International classification             | :C07C270/00 | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :NA         | <b>1)UNICHEM LABORATORIES LIMITED</b>             |
| (32) Priority Date                            | :NA         | Address of Applicant :PRABHAT ESTATE OFF S.V.ROAD |
| (33) Name of priority country                 | :NA         | JOGESHWARI (W) MUMBAI 400 102, Maharashtra India  |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                    |
| Filing Date                                   | :NA         | <b>1)RAMAKRISHNAN ARUL</b>                        |
| (87) International Publication No             | :NA         | <b>2)GOVIND SINGH KAPKOTI</b>                     |
| (61) Patent of Addition to Application Number | :NA         | <b>3)DNYANESHWAR TUKARAM SINGARE</b>              |
| Filing Date                                   | :NA         | <b>4)NEERAJ KUMAR</b>                             |
| (62) Divisional to Application Number         | :NA         |                                                   |
| Filing Date                                   | :NA         |                                                   |

(57) Abstract :

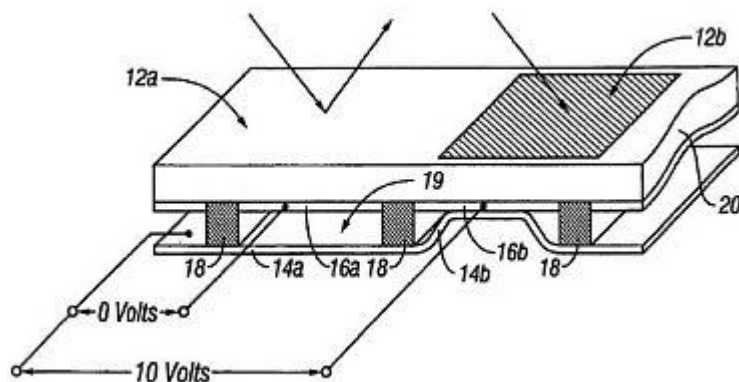
This invention relates to a process for the preparation and purification of a pure crystalline Hydrochlorothiazide with overall purity 99.9% or greater and single impurity below 0.1%. This is a two-step process. In first step crude hydrochlorothiazide is prepared which is in second step purified to get highly pure crystalline hydrochlorothiazide.

(54) Title of the invention : APPARATUS AND METHOD FOR ARRANGING DEVICES INTO AN INTERCONNECTED ARRAY

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :G02F1/21   | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :60/613,487 | <b>1)IDC, LLC</b>                                       |
| (32) Priority Date                            | :27/09/2004 | Address of Applicant :2415 THIRD STREET, SAN FRANCISCO, |
| (33) Name of priority country                 | :U.S.A.     | CALIFORNIA-94107 U.S.A.                                 |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :NA         | <b>1)MANISH KOTHARI</b>                                 |
| (87) International Publication No             | :NIL        |                                                         |
| (61) Patent of Addition to Application Number | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |
| (62) Divisional to Application Number         | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |

## (57) Abstract :

Apparatus and methods for arranging devices having a reduced area between adjacent devices are provided. In an exemplary embodiment, display devices 100 in an array 85 are provided wherein a gap 123 between the display devices 100 is reduced to less than or equal to 1/8th of a pixel pitch. Exemplary embodiments use wire bonding 125 to provide an electrical connection to an active area of the display to components on the display backplate, thereby reducing the ledge area and gap between display devices in an interconnected array.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1029/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD AND DEVICE FOR MULTI-STATE INTERFEROMETRIC LIGHT MODULATION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G02F1/03,G02F1/01 |
| (31) Priority Document No                     | :60/613,486        |
| (32) Priority Date                            | :27/09/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :NA                |
| Filing Date                                   | :NA                |
| (87) International Publication No             | :Nil               |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)IDC,LLC**

Address of Applicant :2415 Third Street, San Francisco, California  
94107 U.S.A.

(72)**Name of Inventor :**

**1)Clarence CHUI**

**2)William J. CUMMINGS**

**3)Brian J. GALLY**

(57) Abstract :

A multi-state light modulator comprises a first reflector. A first electrode is positioned at a distance from the first reflector. A second reflector is positioned between the first reflector and the first electrode. The second reflector is movable between an undriven position, a first driven position, and a second driven position, each having a corresponding distance from the first reflector. In one embodiment, the three positions correspond to reflecting white light, being non-reflective, and reflecting a selected color of light. Another embodiment is a method of making the light modulator. Another embodiment is a display including the light modulator.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1046/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : DECODE AND DISPLAY OF BUS PROTOCOL OF TWO DIFFERENT BUSES SIMULTANEOUSLY ON THE OSCILLOSCOPE

|                                               |            |                                                            |
|-----------------------------------------------|------------|------------------------------------------------------------|
| (51) International classification             | :H04L12/20 | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :NA        | <b>1)TEKTRONIX INC.</b>                                    |
| (32) Priority Date                            | :NA        | Address of Applicant :14200 S.W. KARL BRAUN DRIVE P.O. BOX |
| (33) Name of priority country                 | :NA        | 500 M/S 50-LAW BEAVERTON,OR 97077-0001, U.S.A.             |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                             |
| Filing Date                                   | :NA        | <b>1)PRASANNA R.N.</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 :

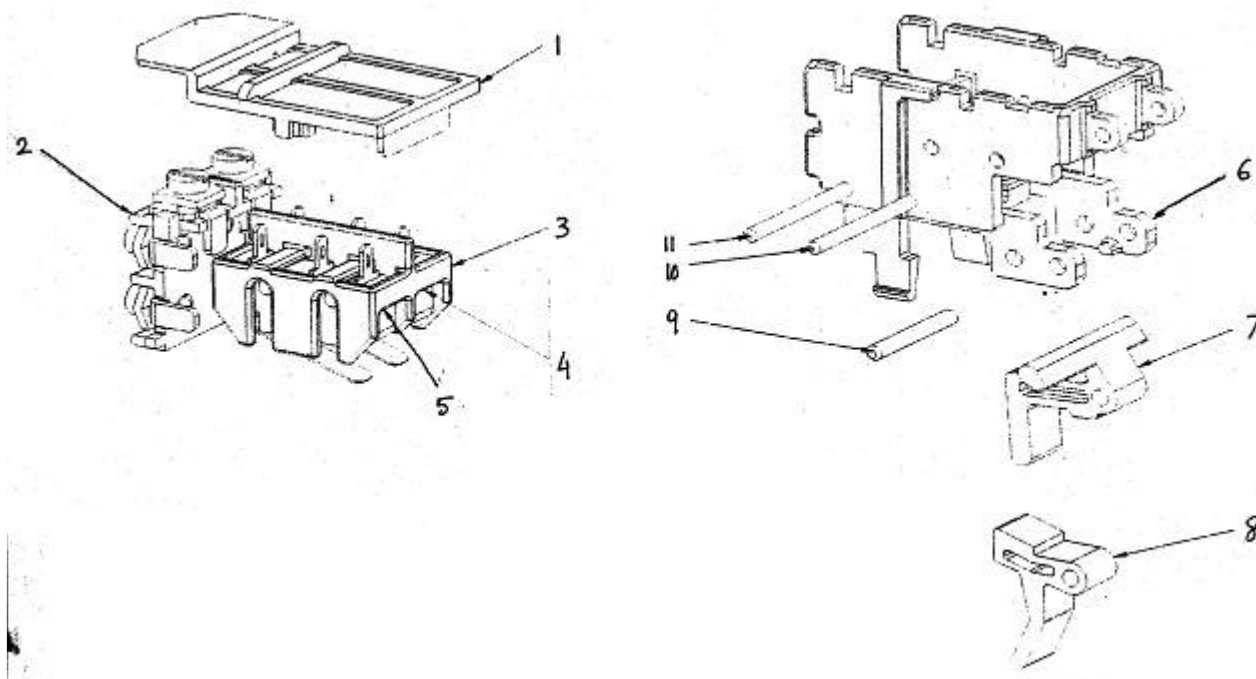
A system and a method for simultaneous measurement and analysis of network signals on multiple communication networks are described. Accordingly, in one embodiment, the system accepts signals from two communication network. The two networks may be following different protocols. A time-correlated measurement of corresponding frames of two protocols may be provided. Information pertaining to message frames of different networks may be displayed simultaneously.

(54) Title of the invention : AN INTEGRATED MECHANISM FOR INDICATION OF SWITCHING DEVICE STATUS

|                                               |            |                                                         |
|-----------------------------------------------|------------|---------------------------------------------------------|
| (51) International classification             | :H01H73/12 | (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        | Maharashtra India                                       |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                  |
| Filing Date                                   | :NA        | <b>1)KANNADKAR, DINESH RAMESH</b>                       |
| (87) International Publication No             | : NA       | <b>2)PURANDARE KEDAR RAVINDRA</b>                       |
| (61) Patent of Addition to Application Number | :NA        | <b>3)RAMCHANDRAN PALANGAT</b>                           |
| Filing Date                                   | :NA        |                                                         |
| (62) Divisional to Application Number         | :NA        |                                                         |
| Filing Date                                   | :NA        |                                                         |

## (57) Abstract :

The present invention relates to an integrated mechanism comprising housing (6), trip alarm lever means (7) operatively accommodated in said housing (6). The lever means (7) comprises a base portion (16) and projection means (17) in a manner to co-operatively engaged with the housing (6). The mechanism comprises auxiliary contact being ergonomically designed so as to engaged in the trip alarm lever means (7) and comprises actuation lever means (8) adapted to actuate a switching means (4, 5) for combining functions of trip alarm contact and auxiliary contact functions so as to communicate the true status of the switching device.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1058/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : ENTERIC COATING COMPOSITIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K9/14          |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/IB2004/000404 |
| Filing Date                                   | :19/02/2004        |
| (87) International Publication No             | :WO 2005/087197    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)IDEAL CURES PVT.LTD**

Address of Applicant :6th Floor,Elecon Chambers,Andheri-Kurla Road,Sakinaka Andheri(East),Mumbai-400 072, Maharashtra India

(72)**Name of Inventor :**

**1)PAREEK,Suresh**

**2)MOHANTY,Ashok**

**3)KAMBLE.Shivaji**

(57) Abstract :

This invention is in the field of enteric film coating, dry powder compositions for coating pharmaceutical dosage forms. It relates to aqueous enteric coating and provides a dry enteric film coat composition based on an acrylate copolymer and other excipients, but without an alkalinizing agent in the composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1059/MUM/2003 A

(19) INDIA

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

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR MAKING COLOSTRUM PASTE OF AYURVEDIC FORMULATION FOR FILLING SEAMLESS GELATINE CAPSULES

|                                               |            |                                                     |
|-----------------------------------------------|------------|-----------------------------------------------------|
| (51) International classification             | :A61K35/20 | (71)Name of Applicant :                             |
| (31) Priority Document No                     | :NA        | <b>1)GETWELL BIO-THERAPICS PRIVATE LIMITED</b>      |
| (32) Priority Date                            | :NA        | Address of Applicant :INDUSTRIAL ASSURANCE BUILDING |
| (33) Name of priority country                 | :NA        | CHURCHGATE, MUMBAI-400 020, Maharashtra India       |
| (86) International Application No             | :NA        | (72)Name of Inventor :                              |
| Filing Date                                   | :NA        | <b>1)DAHANUKAR DILIP SHANTARAM</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 :

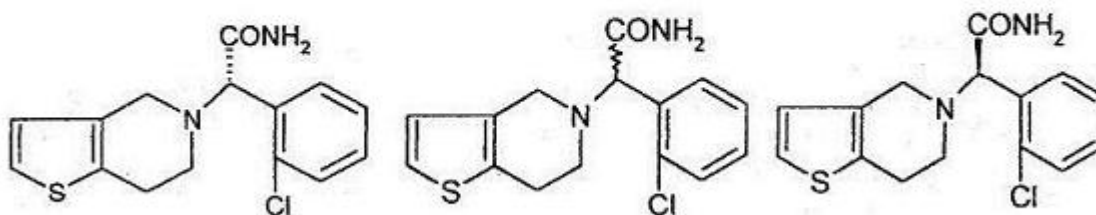
Hard capsule shell consisting of gelatin and hydroxypropyl methylcellulose (HPMC) and novel method of preparation thereof in which, preparing a mixture of 100 liters consisting of purified water and ethyl alcohol (8:2). After mixing thoroughly the mixture is dispersed with 3 Kg. HPMC and 10 Kg. Gelatin. Heating to 60°C with intermittent stirring till homogeneity is obtained, cooling the dispersion to 45°C. Preparing Cap/Body of the capsule shell by repeatedly dipping stainless steel rods in dispersion. Inverting these rods till drying and detached from the rods. A novel capsule shell consist of gelatin and a film former HPMC or combination of more than one film former. In addition also contain one or more plasticizer. Hydroalcoholic solution is used solvent in various ratio of 5:5, 6:4 and 8:2. This novel capsule shell is proposed to nullify the slowing down of dissolution of shell on aging.

(54) Title of the invention : A NOVEL PROCESS FOR PREPARING SUBSTANTIALLY ENANTIOMERICALLY PURE 2-(2-CHLOROPHENYL)-(6,7-DIHYDRO-4H-THIENO[3,2,C]PYRIDINE-5YL-ACETIC ACID AMIDE

|                                               |           |                                                                     |
|-----------------------------------------------|-----------|---------------------------------------------------------------------|
| (51) International classification             | :C07D7/00 | (71)Name of Applicant :                                             |
| (31) Priority Document No                     | :NA       | 1)M. M. V. Ramana                                                   |
| (32) Priority Date                            | :NA       | Address of Applicant :15, 4th Floor, Plot No. 14,Chintamani, Gorai- |
| (33) Name of priority country                 | :NA       | United C.H.S. Gorai, Borivali (W) Mumbai-400092 Maharashtra India   |
| (86) International Application No             | :NA       | 2)Rajesh K Rao                                                      |
| Filing Date                                   | :NA       | (72)Name of Inventor :                                              |
| (87) International Publication No             | : NA      | 1)M. M. V. Ramana                                                   |
| (61) Patent of Addition to Application Number | :NA       | 2)Rajesh K Rao                                                      |
| Filing Date                                   | :NA       |                                                                     |
| (62) Divisional to Application Number         | :NA       |                                                                     |
| Filing Date                                   | :NA       |                                                                     |

## (57) Abstract :

A novel process for preparing substantially enantiomerically pure 2-(2-chlorophenyl)-(6,7-dihydro-4H-thieno[3,2,c]pyridine-5-yl)-acetic acid amide as depicted with compound of formula (I) from its racemate form depicted by compound of formula (II). which in turn can be used to prepare a active pharmaceutical ingredient in its acceptable salt form. Active Pharmaceutical ingredient obtained from conversion of formula (I), and its pharmaceutical compositions may be used, in particular for inhibiting platelet aggregation or treating, preventing or managing thrombosis, atherothrombotic event, ischaemic stroke or peripheral arterial disease.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1074/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :05/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : SYSTEM FOR TRANSMITTING DATA IN A WIRELESS NETWORK

|                                               |           |                                                       |
|-----------------------------------------------|-----------|-------------------------------------------------------|
| (51) International classification             | :H04L1/00 | (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 :BOMBAY HOUSE, 24, SIR HOMI MODY |
| (33) Name of priority country                 | :NA       | STREET, MUMBAI-400 001 Maharashtra India              |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :NA       | <b>1)SUVRA SEKHAR DAS</b>                             |
| (87) International Publication No             | : NA      | <b>2)MUHAMMAD IMADUR RAHMAN</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 reducing intercarrier interference while transmitting data in a wireless network is disclosed. The system comprises mapping means, dividing means, grouping means, assignment means and interleaving means. The sub-signals of lower bandwidth are interleaved with sub-signals of higher bandwidth. The interleaved sub-signals are orthogonal to each other. The method comprises the following steps: mapping, dividing, grouping, assigning and interleaving.

(54) Title of the invention : DIMMING CONTROL OF FLUORESCENT LAMP BALLAST WITHOUT ADDITIONAL WIRING AND USING THE SAME AC MAINS SWITCH

|                                               |            |                                                                  |
|-----------------------------------------------|------------|------------------------------------------------------------------|
| (51) International classification             | :H05B41/00 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :NA        | <b>1)KAMAT VITHAL NARASINHA</b>                                  |
| (32) Priority Date                            | :NA        | Address of Applicant :7, Mayur Pankh, 6th Road, Chembur, Mumbai, |
| (33) Name of priority country                 | :NA        | 400 071, Maharashtra India                                       |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA        | <b>1)Kamat Vithal Narasinha</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 earlier dimming techniques used by fluorescent lamps require either a (a) separate two wire dimming control input wires in addition to the ac mains input that is used to power up the lamp, or, (b) wireless remote device, or, (c) a Power Line Carrier Communication (PLCC) Interface. The need for additional wires or additional external control devices and interfaces at the user end made the earlier dimming techniques complicated and expensive. The invention described here utilizes a state of art dimming ballast that requires no additional control wires, but uses the same pair of ac mains input wire for transmission of the control signals. Moreover, this invention uses no additional external control gadgets or devices such as additional switches, regulators, hand held remotes, wireless or carrier based communication; but instead, that uses the same ac mains power on switch for communication. The embedded software residing in the microcontroller (within the ballast), enables the dimming ballast to accept the control signals in the form of low to high transitions offered by the ac mains switch every time it makes a transition from OFF to ON state. These signals are accepted and validated during the preheat stage of the fluorescent lamp, thereby protecting the life of the fluorescent tube as well as the life of the ac mains switch

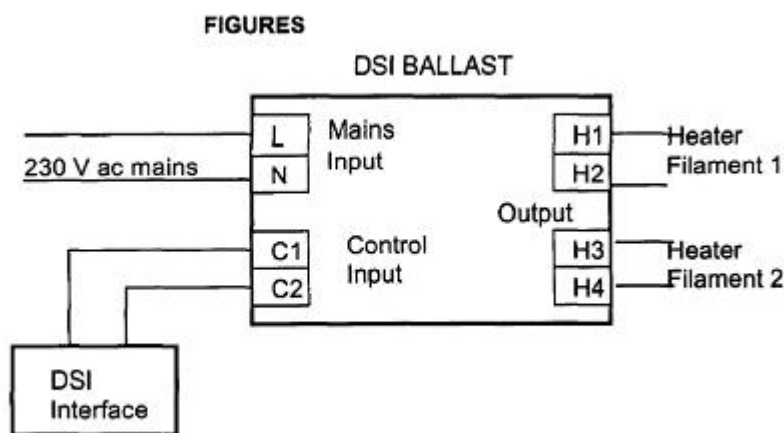


**Figure 1 Old Digital Signal Interface (DSI) Controlled Ballast**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1087/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/09/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : GRINDING METHOD

|                                               |                     |                                                                                                                                                                           |
|-----------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C09C3/00,C01F11/18 | (71) <b>Name of Applicant :</b><br><b>1)IMERYS MINERALS LIMITED</b><br>Address of Applicant :PAR MOOR CENTRE PAR MOOR ROAD,<br>PAR,CORNWALL PL25 2SQ, UNITED KINGDOM U.K. |
| (31) Priority Document No                     | :0221632.3          | (72) <b>Name of Inventor :</b>                                                                                                                                            |
| (32) Priority Date                            | :17/09/2002         | <b>1)HUSBAND,JOHN CLAUDE</b>                                                                                                                                              |
| (33) Name of priority country                 | :U.K.               | <b>2)JARVIS,NIGEL V.</b>                                                                                                                                                  |
| (86) International Application No             | :PCT/GB03/003970    | <b>3)PAYTON,DESMOND CHARLES</b>                                                                                                                                           |
| Filing Date                                   | :12/09/2003         | <b>4)SKUSE,DAVID ROBERT</b>                                                                                                                                               |
| (87) International Publication No             | :WO2004/026973A1    |                                                                                                                                                                           |
| (61) Patent of Addition to Application Number | :NA                 |                                                                                                                                                                           |
| Filing Date                                   | :NA                 |                                                                                                                                                                           |
| (62) Divisional to Application Number         | :98/MUMNP/2005      |                                                                                                                                                                           |
| Filed on                                      | :31/01/2005         |                                                                                                                                                                           |

(57) Abstract :

(57) Abstract: The invention provides a method of grinding an inorganic particulate material such as calcium carbonate or kaolin in an aqueous suspension, preferably at a solids level below about 50% by weight, wherein the aqueous suspension includes a sub-effective amount of a dispersing agent for the inorganic particulate material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1090/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/09/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : POLISH COMPOSITIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K9/20          |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/IB2004/000405 |
| Filing Date                                   | :25/02/2004        |
| (87) International Publication No             | :WO2005/089719     |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)IDEAL CURES PVT.LTD**

Address of Applicant :6th Floor, Elecon Chambers, Andheri-Kurla Road, Sakinaka,Andheri(East), Mumbai-400 072, Maharashtra India

(72)**Name of Inventor :**

**1)PAREEK,Suresh**

**2)MOHANTY,Ashok**

**3)SURVE,Jiten**

(57) Abstract :

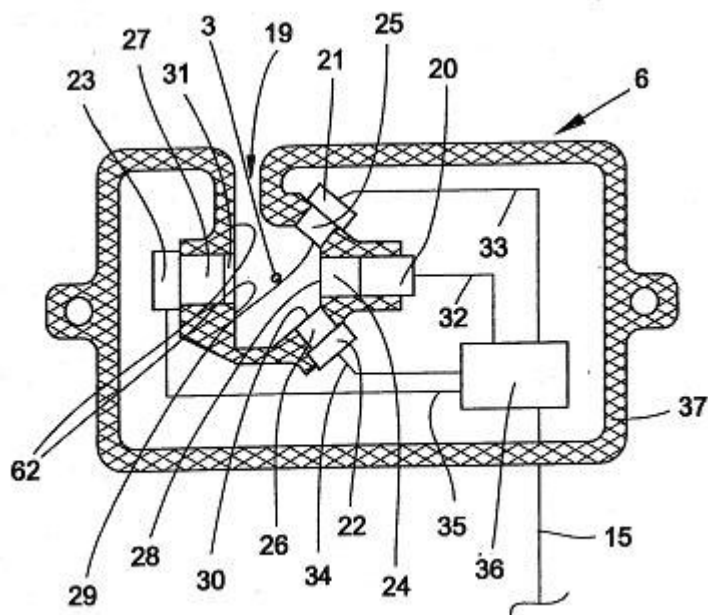
This invention is in the field of polish compositions for edible substrates comprising of polyethylene glycol and /or its analogs, a plasticizer, a film former, a film detackifier and a glidant. Coating of substrates with the above composition imparts to the substrate a glossy appearance, reduces inter substrate friction and helps to minimize losses during packaging of the finished product.

(54) Title of the invention : YARN SENSOR

|                                               |             |                                                      |
|-----------------------------------------------|-------------|------------------------------------------------------|
| (51) International classification             | :D05B59/00  | (71)Name of Applicant :                              |
| (31) Priority Document No                     | :10 2004    | <b>1)SAURER GMBH &amp; CO., KG.</b>                  |
| (32) Priority Date                            | 053 735.6   | Address of Applicant :LANDGRAFENSTRASSE 45, D-41069, |
| (33) Name of priority country                 | :06/11/2004 | MONCHENGLADBACH, Germany                             |
| (86) International Application No             | :Germany    | (72)Name of Inventor :                               |
| Filing Date                                   | :NA         | <b>1)OLAV BIRLEM</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 yarn sensor for optically scanning a yarn (3) moving in its longitudinal direction in a measurement gap (19), in particular for detecting extraneous fibers, having a light source (20), a first receiver (23) for directly transmitted light, two further receivers (21,22) for light reflected from the yarn (3), and having element (24, 25, 26, 27) for transmitting the light between the light source (20), measurement gap (19) and receivers (21, 22, 23). The yarn sensor (6) is embodied such that by means of the receivers (21,22), in the absence of the yarn (3), projected images of opposite wall (62) of the measurement gap (19) are detectable, located essentially on both sides, outside the area of the wall (62) of the measurement gap (19) that is illuminated by the direct radiation of the light – emitting diode (20). As a result, the interfering influence of parasitic signals is suppressed, and the detection of extraneous fibers is improved. The yarn sensor can be employed in the textile industry in spinning or bobbin – winding machines.



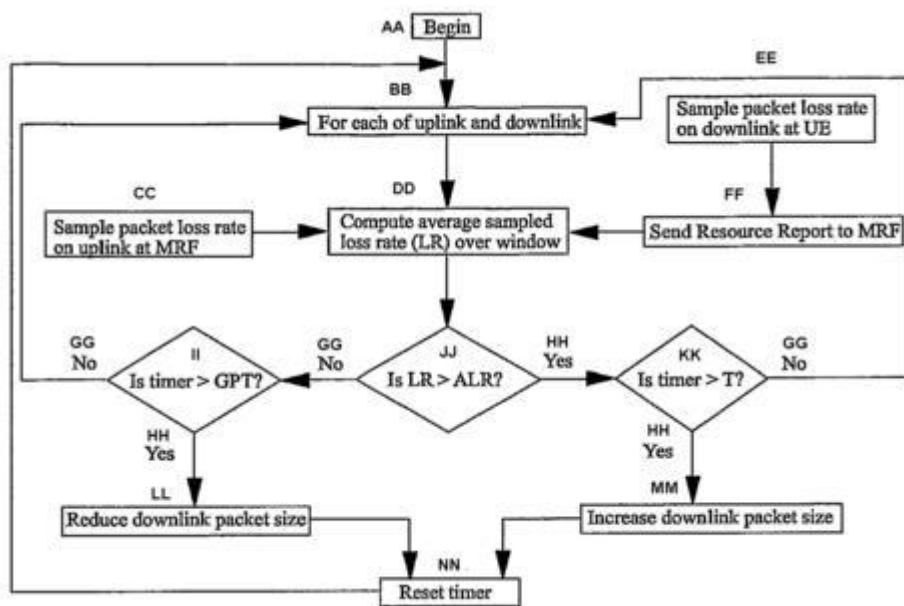
(54) Title of the invention : OPTIMISING RESOURCE USAGE IN A PACKET SWITCHED NETWORK

(51) International classification :H04L 1/00  
 (31) Priority Document No :NA  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :PCT/EP2004/050229  
 Filing Date :27/02/2004  
 (87) International Publication No :WO 2005/086404  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)TELEFONAKTIEBOLAGET L.M.ERICSSON (publ)**  
 Address of Applicant :164 83 Stockholm, Sweden  
 (72)**Name of Inventor :**  
**1)TIDWELL,PAUL**

(57) Abstract :

A method of optimising the bandwidth usage on a Real-Time Protocol managed link-transporting media from a Media Resource Function of a cellular telecommunications network to User Equipment. The method comprises monitoring properties of the link and, as a result of said monitoring, adapting the sending rate over the link by re packetising media, received at the Media Resource Function from third party nodes, to increase or decrease the size of packets sent over the link.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1095/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :05/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : GAS COOKER BURNER OF IMPROVED TYPE

|                                               |                        |
|-----------------------------------------------|------------------------|
| (51) International classification             | :F23C3/08<br>F23D14/06 |
| (31) Priority Document No                     | :PS2003A000016         |
| (32) Priority Date                            | :18/04/2003            |
| (33) Name of priority country                 | :Italy                 |
| (86) International Application No             | :PCT/IT2004/000197     |
| Filing Date                                   | :09/04/2004            |
| (87) International Publication No             | :WO 2004/092655        |
| (61) Patent of Addition to Application Number | :NA                    |
| Filing Date                                   | :NA                    |
| (62) Divisional to Application Number         | :NA                    |
| Filing Date                                   | :NA                    |

(71)**Name of Applicant :**

**1)SO.M.I PRESS-SOCIETA METALLI INIETTATI S.P.A.**

Address of Applicant :I-60022 CASTELFIDARDO (AN) VITA  
SCANDALLI, 4. Italy

(72)**Name of Inventor :**

**1)ARMANNI PIERO**

(57) Abstract :

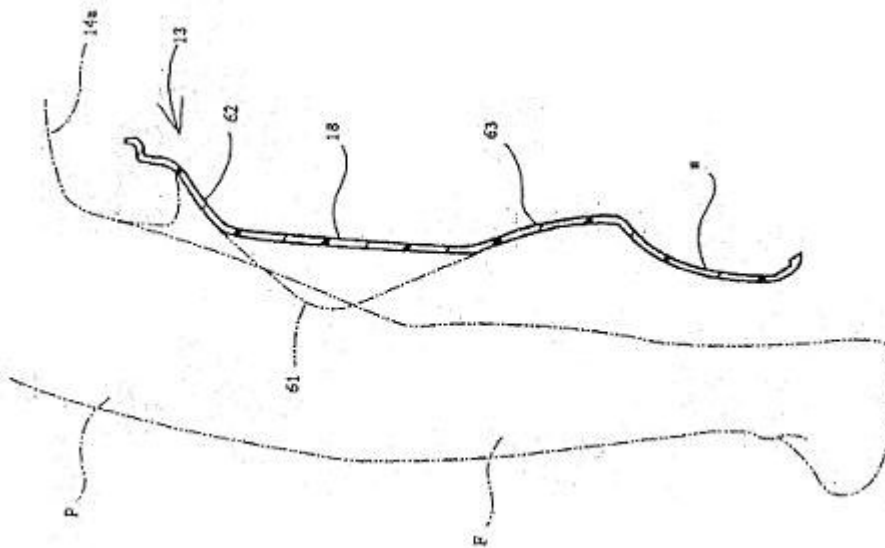
The present invention refers to a model of gas cooker burner of improved type, which features a cap with a lower border situated near the notched crown of the border immediately above the section from which the mixture comes out and goes through the notches of the crown, which is provided with an external annular groove along the edge of the upper border.

(54) Title of the invention : SCOOTER TYPE VEHICLE

|                                               |                         |                                                                                                                                                              |
|-----------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B62J25/00<br>B62J23/00 | (71) <b>Name of Applicant :</b><br><b>1)HONDA GIKEN KOGYO KABUSHIKI KAISHA</b><br>Address of Applicant :1-1,Minamiaoyama 2-Chome, Minato-Ku,<br>Tokyo, Japan |
| (31) Priority Document No                     | :2000-<br>403917        | (72) <b>Name of Inventor :</b>                                                                                                                               |
| (32) Priority Date                            | :05/12/2000             | <b>1)HIROSHI SHIRAKAWA</b>                                                                                                                                   |
| (33) Name of priority country                 | :Japan                  | <b>2)SATOSHI KAWAWA</b>                                                                                                                                      |
| (86) International Application No             | :NA                     | <b>3)NAOKI HENDA</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 rear cover 13 is formed wide below a seat so as to project outwards and a flat portion 18 like a portion formed by scraping an edge line 61 and the vicinity thereof is partially formed as a narrow-width portion at a position below a front seat 14a and in front of a rear seat 14b, thereby permitting a leg portion F of a passenger P to be disposed sideways of the flat portion 18. The portion of the rear cover located behind the flat portion 18 and above rear wheel is narrow in the vertical direction. This portion includes a lower slant surface 63 and a key hole 20 is formed obliquely downward in the lower slant surface 63 so that a key cylinder for locking the seat can be unlocked.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1103/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :14/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : CALLIBERATED DOSER AND DISPENSER DEVICE FOR POWDERS, GRANULES AND RESINS

|                                               |            |                                                     |
|-----------------------------------------------|------------|-----------------------------------------------------|
| (51) International classification             | :B65D33/06 | (71) <b>Name of Applicant :</b>                     |
| (31) Priority Document No                     | :NA        | <b>1)MULLACKAL POLYMERS</b>                         |
| (32) Priority Date                            | :NA        | Address of Applicant :5/B KANCHAN VILLA, GORESWADI, |
| (33) Name of priority country                 | :NA        | MALAD (WEST), BOMBAY 400 064, Maharashtra India     |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                      |
| Filing Date                                   | :NA        | <b>1)PILLAI RAMESH</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 caliberated doser/dispenser of main body which is designed to thread-fit/press fit to the mouth of any container in the form of a nozzle. This nozzle houses a rotating shaft inside it, provided with a cavity. The size and shape of the cavity is proportional to the quantity of powder/granules that is need to be dispensed and can vary according to the requirement. Two openings are provided in the main body of the nozzle in a similar design of the cavity, one at the bottom for loading the powder from the container and the other at the top for dispensing it.

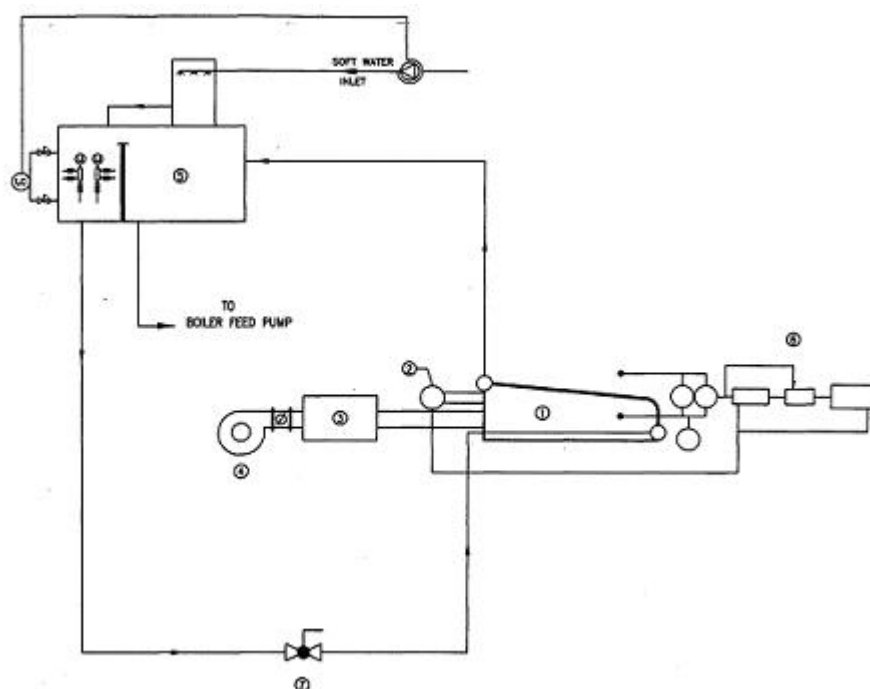
(54) Title of the invention : IMPROVED FULLY AUTOMATIC WATER COOLED OSCILLATING GRATE FOR EFFICIENT COMBUSTION OF SOLID FUELS

(51) International classification :F23H3/02,F23H7/18  
 (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 :NIL  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)ATRE ASHOK DATTATRAYA**  
 Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR,  
 BIBWEWADI CORNER, PUNE, Maharashtra India  
 (72)Name of Inventor :  
**1)ATRE ASHOK DATTATRAYA**

(57) Abstract :

A fully automatic water cooled oscillating grate system, for solid fuel fired boilers, comprising of a water cooled oscillating grate; said oscillating grate having a upper end and a lower end; a heat affected zone on the top of the said oscillating grate surface; oscillating mechanism placed at the upper end of the said oscillating grate, the air pre-heater means for supplying preheated air to the said oscillating grate and adjustable time controller circuit for the working of the said oscillating grate system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1130/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :19/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMPROVED PROCESS FOR TEA MANUFACTURE

(51) International classification

:A23F3/42  
A23F3/40

(31) Priority Document 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)HINDUSTAN LEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166  
BACKBAY RECLAMATION, MUMBAI-400 020, Maharashtra India

(72)Name of Inventor :

**1)BAGARIA HITESH GHANSHYAM**

**2)BALAKRISHNAN PADMA**

**3)NAIK VIJAY MUKUND**

**4)SINGH GURMEET**

(57) Abstract :

A process for manufacturing a leaf tea product, the process comprising the steps of: (a) providing fresh tea leaf; (b) recovering aroma from the fresh tea leaf; and (c) drying the fresh tea leaf to form the leaf tea product, characterized in that said aroma is recovered in step (b) whilst at least partially drying said fresh leaf in a low-convention dryer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1131/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :19/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A MOLDED FILTER AND PROCESS FOR MAKING SAME

|                                               |                                     |                                                                                                                                                               |
|-----------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B01D39/20<br>C01B31/00<br>C02F1/00 | (71) <b>Name of Applicant :</b><br><b>1)HINDUSTAN LEVER LIMITED</b><br>Address of Applicant :165/166 BACKBAY RECLAMATION,<br>MUMBAI-400 020 Maharashtra India |
| (31) Priority Document No                     | :NA                                 | (72) <b>Name of Inventor :</b>                                                                                                                                |
| (32) Priority Date                            | :NA                                 | <b>1)AGARWAL SWATI</b>                                                                                                                                        |
| (33) Name of priority country                 | :NA                                 | <b>2)CHATTERJEE JAIDEEP</b>                                                                                                                                   |
| (86) International Application No             | :NA                                 | <b>3)DESALE BHUPESH SADANAND</b>                                                                                                                              |
| Filing Date                                   | :NA                                 | <b>4)MAHAPATRA SAMIRAN</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 moulded filters, for use in gravity water filtration devices and a process for making such moulded filters. It is an object of the invention to provide filter media that provide high and consistent flow rates in gravity-fed water purification devices while ensuring effective removal of particulate contaminants. The invention relates to a process for producing said filters comprising the steps of: mixing 1 part by weight polymeric binder having a Melt Flow Rate less than 5 g/10 minutes, with 1 to 20 parts by weight filter medium in presence of a fluid wherein amount of said fluid is not more than 4 times the amount of said filter medium, moulding the mix, optionally compressing said mould, heating said mould to a temperature in the range 150°C to 350°C and demoulding the moulded filter.

(54) Title of the invention : BELT REPLACEMENT TIMING ANNUNCIATOR FOR BELT-TYPE AUTOMATIC TRANSMISSIONS

(51) International classification

:F16H9/00

B60K37/00

(31) Priority Document No

:2001-

007013

(32) Priority Date

:15/01/2001

(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 :

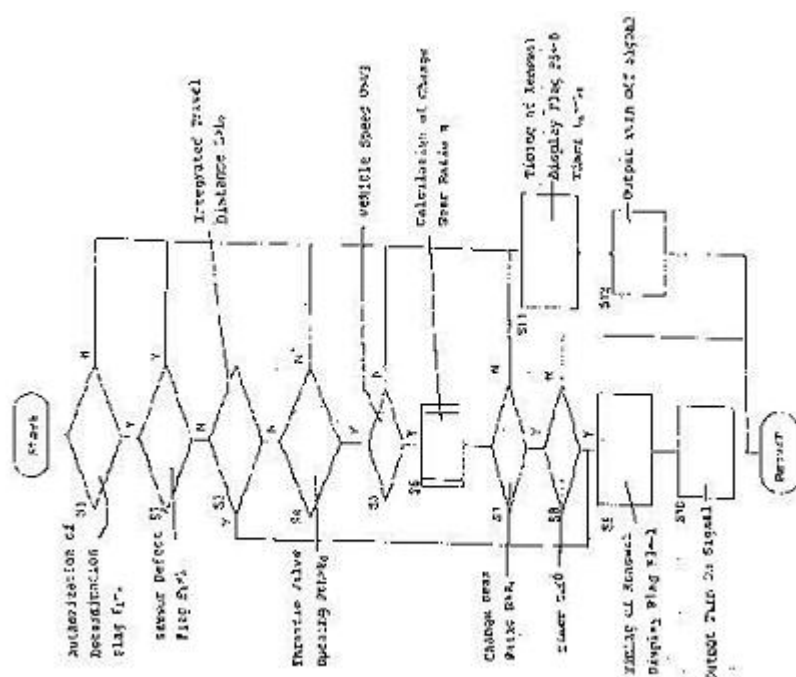
**1)HONDA GIKEN KOGYO KABUSHIKI KAISHA**Address of Applicant :1-1,Minamiaoyama 2-Chome, MINATO-KU,  
TOKYO, Japan

(72)Name of Inventor :

**1)MICHIO ASUMI****2)HIROKAZU KOMURO****3)YUUI ONO**

(57) Abstract :

The belt replacement timing annunciator of the belt-type automatic transmission in which the radii of the endless belt wound around the drive pulley and around the driven pulley vary to shift the change gear ratio comprises operating conditions detecting means S4, S5, for detecting a specific operating condition of the vehicle, change gear ratio detecting means S6 for detecting the actual change gear ratio R of the automatic transmission, determination means S7-S10 for determining that the endless belt is at the right timing to be replaced when the state in which the change gear ratio R exceeds the reference change gear ratio R0 set to the value larger than the predetermined change gear ratio has continued for a predetermined time period t0, and display means for displaying the result of determination.



(54) Title of the invention : MEANS FOR THE AUTOMATIC THREADING OF SLIVERS IN A MICROWAVE SENSOR

|                                               |                   |
|-----------------------------------------------|-------------------|
| (51) International classification             | :D01H 5/32        |
| (31) Priority Document No                     | :102 14 955.0     |
| (32) Priority Date                            | :04/04/2002       |
| (33) Name of priority country                 | :Germany          |
| (86) International Application No             | :PCT/EP2003/03442 |
| Filing Date                                   | :02/04/2003       |
| (87) International Publication No             | :WO2003/085179A3  |
| (61) Patent of Addition to Application Number | :NA               |
| Filing Date                                   | :NA               |
| (62) Divisional to Application Number         | :444/MUMNP/2004   |
| Filed on                                      | :13/08/2004       |

(71)Name of Applicant :

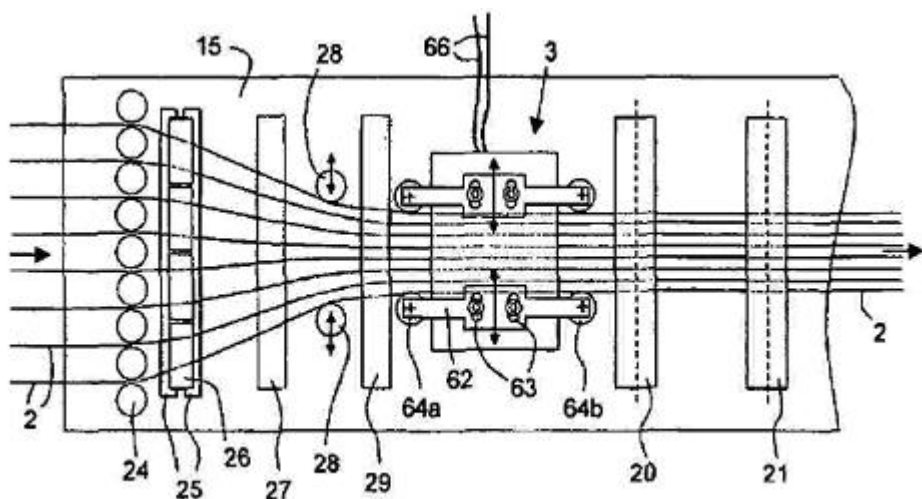
**1)RIETER INGOLSTADT SPINNEREIMASCHINENBAU AG**Address of Applicant :FRIEDRICH- EBERT-STRASSES. 84, D-85055  
INGOLSTADT, Germany

(72)Name of Inventor :

**1)Joachim Dammig****2)Michael Ueding****3)Chokri Cherif**

(57) Abstract :

Various improvements to a spinning preparation machine for measurement of the fibre web thickness or fibre web cross-section of at least one fibre web (2) by means of one or several microwave sensors (3, 30) are disclosed. An improvement is characterised by compressing means (18, 19; 28, 64a, 64b, 65; 70; 52) and particularly mechanical guide elements, which can be arranged before, after and/or in the microwave sensor (3, 30). Arrangement of a transport roller pair after a microwave sensor (3) for example, is also disclosed which can particularly be embodied as a feed roller pair (20) for the subsequent drafting work. Suggestions for calibration of the at least one microwave sensor (3, 30) are also made.



(54) Title of the invention : CIRCUIT CONFIGURATION OF A MICROWAVE SYSTEM FOR CONTROLLING A REGULATED DRAFTING ROILER

|                                               |                   |
|-----------------------------------------------|-------------------|
| (51) International classification             | :D01H5/32         |
| (31) Priority Document No                     | :102 14 955.0     |
| (32) Priority Date                            | :04/04/2002       |
| (33) Name of priority country                 | :Germany          |
| (86) International Application No             | :PCT/EP2003/03442 |
| Filing Date                                   | :02/04/2003       |
| (87) International Publication No             | :WO2003/085179A3  |
| (61) Patent of Addition to Application Number | :NA               |
| Filing Date                                   | :NA               |
| (62) Divisional to Application Number         | :444/MUMNP/2004   |
| Filed on                                      | :13/08/2004       |

(71)Name of Applicant :

**1)RIETER INGOLSTADT SPINNEREIMASCHINENBAU AG**

Address of Applicant :FRIEDRICH-EBERT- STRASSE. 84, D-85055  
INGOLSTADT, Germany

(72)Name of Inventor :

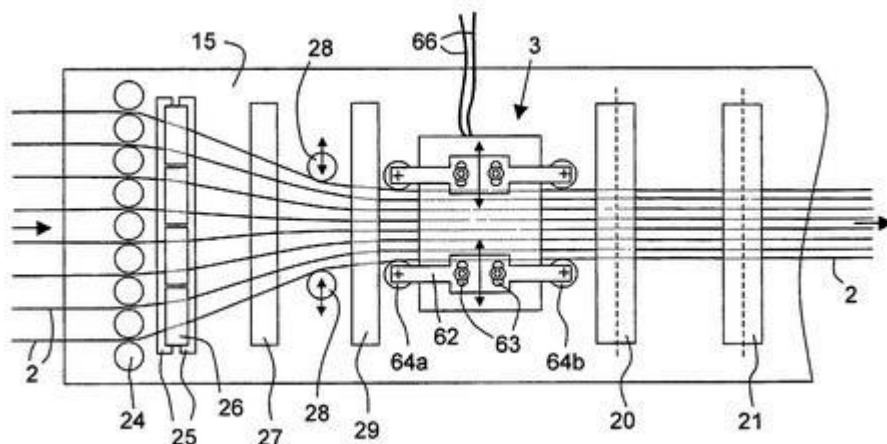
**1)Joachim Dammig**

**2)Michael Ueding**

**3)Chokri Cherif**

(57) Abstract :

Various improvements to a spinning preparation machine for measurement of the fibre web thickness or fibre web cross-section of at least one fibre web (2) by means of one or several microwave sensors (3, 30) are disclosed. An improvement is characterised by compressing means (18, 19; 28, 64a, 64b, 65; 70; 52) and particularly mechanical guide elements, which can be arranged before, after and/or in the microwave sensor (3, 30). Arrangement of a transport roller pair after a microwave sensor (3) for example, is also disclosed which can particularly be embodied as a feed roller pair (20) for the subsequent drafting work. Suggestions for calibration of the at least one microwave sensor (3, 30) are also made.

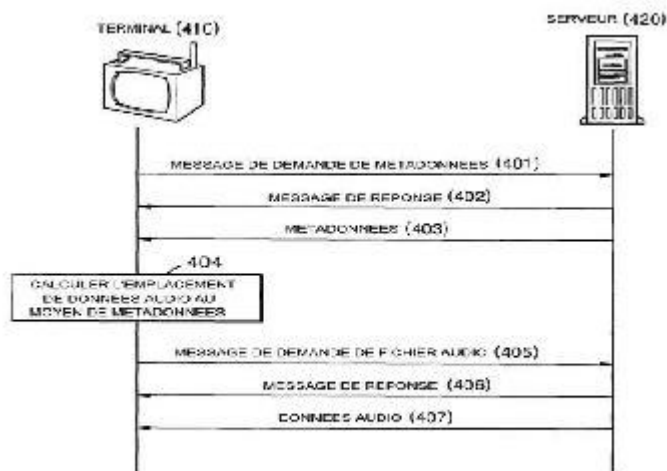


(54) Title of the invention : MULTIMEDIA DATA REPRODUCING APPARATUS, AUDIO DATA RECEIVING METHOD AND AUDIO DATA STRUCTURE THEREIN

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :G11B20/10         | (71)Name of Applicant :                               |
| (31) Priority Document No                     | :10-2003-0029623   | <b>1)SAMSUNG ELECTRONICS CO LTD.</b>                  |
| (32) Priority Date                            | :10/05/2003        | Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, |
| (33) Name of priority country                 | :Republic of Korea | SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea       |
| (86) International Application No             | :PCT/KR2004/001073 | (72)Name of Inventor :                                |
| Filing Date                                   | :10/05/2004        | <b>1)CHUNG HYUN-KWON</b>                              |
| (87) International Publication No             | :WO2004/100158A1   | <b>2)MOON SEONG-JIN</b>                               |
| (61) Patent of Addition to Application Number | :NA                | <b>3)YOON BUM-SIK</b>                                 |
| Filing Date                                   | :NA                |                                                       |
| (62) Divisional to Application Number         | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |

(57) Abstract :

Provided are a multimedia data decoding apparatus, a method of receiving audio data using an HTTP protocol and an audio data structure used for the apparatus and method. The multimedia data reproducing apparatus comprising: a decoder receiving AV data, decoding the AV data, and reproducing the AV data in synchronization with predetermined markup data related to the AV data; and a markup resource decoder receiving location information of video data being reproduced by the decoder, and calculating a reproducing location of the markup data related to the video, and transmitting the reproducing location of the markup data to the decoder. Audio data is received using the HTTP protocol, not a complex audio/video streaming protocol, and is output in synchronization with video data.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1146/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :27/10/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS OF MANUFACTURING GRAIN PRESERVATIVE WHICH HAVE NO SIDE EFFECTS ON FOOD SUBSTANCES OR GRAINS

|                                               |           |                                                                   |
|-----------------------------------------------|-----------|-------------------------------------------------------------------|
| (51) International classification             | :A01K3/00 | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :NA       | <b>1)BHAVESH KHIMJL. BHADRA</b>                                   |
| (32) Priority Date                            | :NA       | Address of Applicant :Yash Album, Taj Mahal, Jwalaji Mata Mandir, |
| (33) Name of priority country                 | :NA       | Near Home Guard, NSS Road, Narayan Nagar, Ghatkopar (W) Mumbai -  |
| (86) International Application No             | :NA       | 400 086, Maharashtra India                                        |
| Filing Date                                   | :NA       | (72)Name of Inventor :                                            |
| (87) International Publication No             | : NA      | <b>1)BHAVESH KHIMJL. BHADRA</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 of manufacturing "GRAIN PRESERVATIVE" comprising the following steps:- Taking clay, cement or plaster of paris and mixed properly using water to make dough/mixture, to this mixture added a mercury in the range of 0.1% to 0.5% under constant stirring until a equal distribution in the dough/mixture and the mixture is turned into shape of biscuits, shall be allowed for drying for 2 to 3 days or more till they are dry and moisture free and harden, mixture is turned into shape of biscuits.

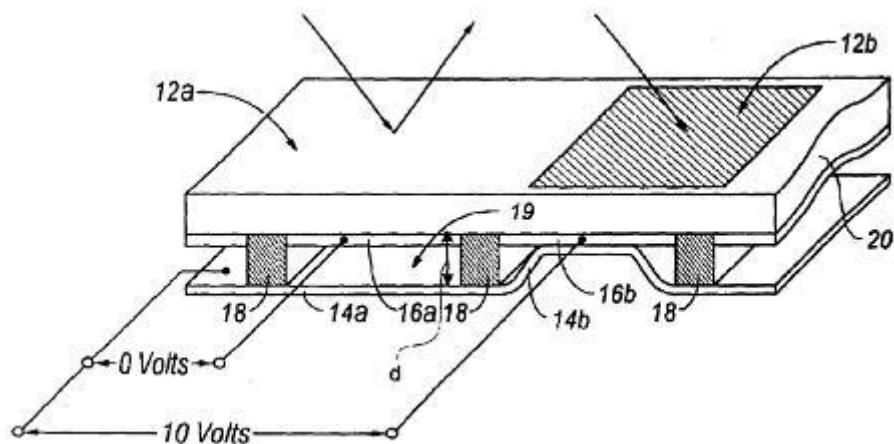
(54) Title of the invention : METHOD AND DEVICE FOR MANIULATING COLOR IN A DISPLAY

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :G09G3/34   | (71) <b>Name of Applicant :</b>                                    |
| (31) Priority Document No                     | :60/613,491 | <b>1)IDC,LLC</b>                                                   |
| (32) Priority Date                            | :27/09/2004 | Address of Applicant :2415 Third Street, San Francisco, California |
| (33) Name of priority country                 | :U.S.A.     | 94107, U.S.A.                                                      |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                     |
| Filing Date                                   | :NA         | <b>1)GALLY J Brian</b>                                             |
| (87) International Publication No             | : NA        | <b>2)CUMMING J William</b>                                         |
| (61) Patent of Addition to Application Number | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |
| (62) Divisional to Application Number         | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |

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(57) Abstract :

A method and device for manipulating color in a display is disclosed. In one embodiment, a display comprises interferometric display elements formed to have spectral responses that produce white light. In one embodiment, the produced white light is characterized by a standardized white point.

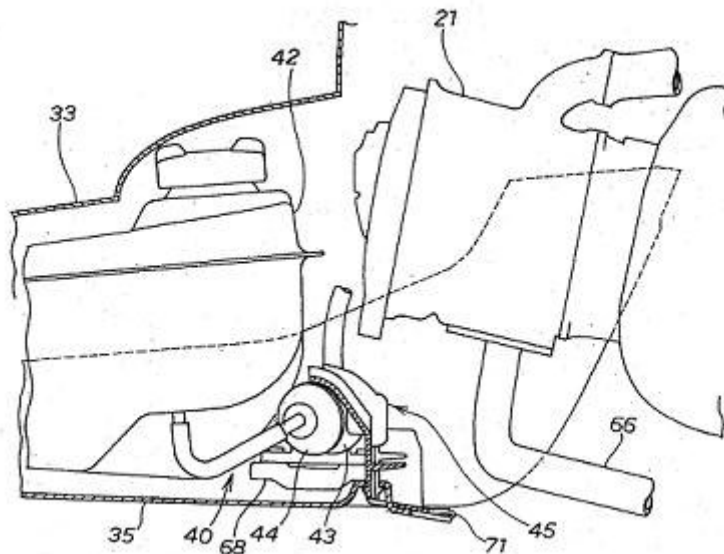


(54) Title of the invention : SCOOTER TYPE VEHICLE FUEL DEVICE

|                                               |                                      |                                                                                                                                                   |
|-----------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B62J23/00<br>B62J25/00<br>B62J37/00 | (71)Name of Applicant :<br><b>1)HONDA GIKEN KOGYO KABUSHIKI KAISHA</b><br>Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO Japan |
| (31) Priority Document No                     | :2001-007782                         | (72)Name of Inventor :                                                                                                                            |
| (32) Priority Date                            | :16/01/2001                          | <b>1)YOSHIO TAKADA</b>                                                                                                                            |
| (33) Name of priority country                 | :Japan                               | <b>2)MASATO TAKAMURO</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 engine 21 is provided below a seat, a step floor 33 as a foot-rest is provided in front of the engine 21, an undercover 35 is provided below the step floor 33, a fuel pump 43 is provided between the undercover 35 and the step floor 33, and a heat insulation plate 45 is provided between the fuel pump 43 and the engine 21. The heat insulation plate 45 is integrally formed with the undercover 35 via a flexible bend portion 71 and bent in the bend portion 71, thereby protecting the fuel pump 43. The heat insulation plate and the undercover can be integrally formed. As integral formation is made, attachment of the heat insulation plate can be easily made.



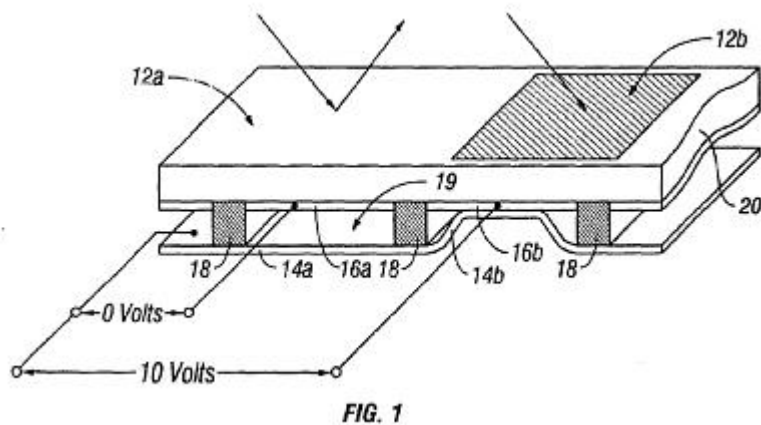
(54) Title of the invention : SYSTEM AND METHOD FOR MULTI- LEVEL BRIGHTNESS IN INTERFEROMETRIC MODULATION

|                                               |                       |                                                                    |
|-----------------------------------------------|-----------------------|--------------------------------------------------------------------|
| (51) International classification             | :G02F1/21<br>G09G3/20 | (71) <b>Name of Applicant :</b><br><b>1)IDC, LLC</b>               |
| (31) Priority Document No                     | :60/613,539           | Address of Applicant :2415 Third Street, San Francisco, California |
| (32) Priority Date                            | :27/09/2004           | 94107, U.S.A.                                                      |
| (33) Name of priority country                 | :U.S.A.               | (72) <b>Name of Inventor :</b>                                     |
| (86) International Application No             | :NA                   | <b>1)Clarence CHUI</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                   |                                                                    |

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(57) Abstract :

A display having a plurality of reflective display elements. In one embodiment, the display elements comprise at least one electrode having a plurality of active areas. In one embodiment, at least two of the sizes of the active areas are different with respect to each other, e.g., they are non-uniform in size. The interferometric modulators have a plurality of states, wherein selected ones of the interferometric modulators are configured to be actuated depending differing electrostatic forces in the interferometric modulators. The electrostatic forces in the interferometric modulators are different at least in part due to variations in the sizes of the active areas of the electrodes.

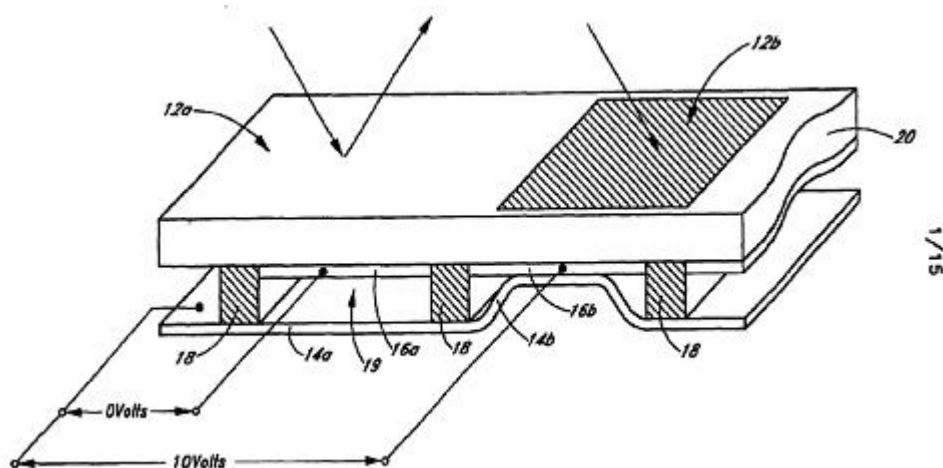


(54) Title of the invention : METHOD AND SYSTEM FOR XENON FLUORIDE ETCHING WITH ENHANCED EFFICIENCY

|                                               |              |                                                                    |
|-----------------------------------------------|--------------|--------------------------------------------------------------------|
| (51) International classification             | :H01L21/3065 | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :60/613,423  | <b>1)IDC, LLC</b>                                                  |
| (32) Priority Date                            | :27/09/2004  | Address of Applicant :2415 Third street, San Francisco, California |
| (33) Name of priority country                 | :U.S.A.      | 94107, U.S.A.                                                      |
| (86) International Application No             | :NA          | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA          | <b>1)Philip D FLOYD</b>                                            |
| (87) International Publication No             | : NA         | <b>2)William J CUMMINGS</b>                                        |
| (61) Patent of Addition to Application Number | :NA          |                                                                    |
| Filing Date                                   | :NA          |                                                                    |
| (62) Divisional to Application Number         | :NA          |                                                                    |
| Filing Date                                   | :NA          |                                                                    |

## (57) Abstract :

Provided herein is an apparatus and a method useful for manufacturing MEMS devices. An aspect of the disclosed apparatus provides a substrate comprising an etchable material exposed to a solid-state etchant, wherein the substrate and the solid-state etchant are disposed in an etching chamber. In some embodiments, the solid state etchant is moved into close proximity to the substrate. In other embodiments, a configurable partition is between the substrate and the solid-state etchant is opened. The solid-state etchant forms a gas-phase etchant suitable for etching the etchable material. In some preferred embodiments, the solid-state etchant is solid xenon difluoride. The apparatus and method are advantageously used in performing a release etch in the fabrication of optical modulators.

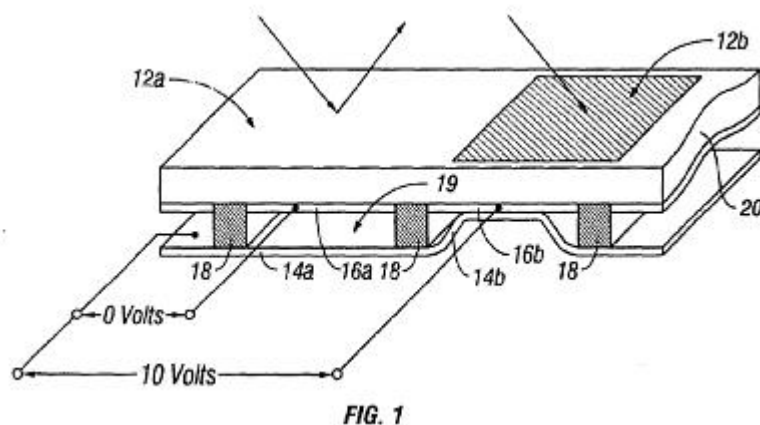


(54) Title of the invention : DEVICE HAVING A CONDUCTIVE LIGHT ABSORBING MASK AND METHOD FOR FABRICATING SAME

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :G02B26/00  | (71) <b>Name of Applicant :</b>                                    |
| (31) Priority Document No                     | :60/613,480 | <b>1)IDC, LLC</b>                                                  |
| (32) Priority Date                            | :27/09/2004 | Address of Applicant :2415 Third Street, San Francisco, California |
| (33) Name of priority country                 | :U.S.A.     | 94107, U.S.A.                                                      |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                     |
| Filing Date                                   | :NA         | <b>1)Manish KOTHARI</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 an optical component that masks non-active portions of a display and provides an electrical path for one or more display circuits. In one embodiment an optical device includes a substrate, a plurality of optical elements on the substrate, each optical element having an optical characteristic which changes in response to a voltage applied to the optical element, and a light-absorbing, electrically-conductive optical mask disposed on the substrate and offset from the plurality of optical elements, the optical mask electrically coupled to one or more of the optical elements to provide one or more electrical paths for application of voltages to the one or more optical elements. In another embodiment a method of providing an electrical signal to a plurality of optical elements of a display comprises electrically coupling an electrically-conductive light-absorbing mask to one or more optical elements, and applying a voltage to the mask to activate the one or more optical elements.



(54) Title of the invention : SYSTEM AND METHOD OF ILLUMINATING INTERFEROMETRIC MODULATORS USING BACKLIGHTING

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :G02F1/21   | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :60/613,536 | <b>1)IDC, LLC</b>                                                  |
| (32) Priority Date                            | :27/09/2004 | Address of Applicant :2415 Third Street, San Francisco, California |
| (33) Name of priority country                 | :U.S.A.     | 94107 U.S.A.                                                       |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA         | <b>1)Clarence CHUI</b>                                             |
| (87) International Publication No             | : NA        | <b>2)Ming-Hun TUNG</b>                                             |
| (61) Patent of Addition to Application Number | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |
| (62) Divisional to Application Number         | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |

(57) Abstract :

An interferometric modulator array device with backlighting is disclosed. The interferometric modulator array device comprises a plurality of interferometric modulator elements, wherein each of the interferometric modulator elements comprises an optical cavity. The interferometric modulator array includes an optical aperture region, and at least one reflecting element is positioned so as to receive light passing through the optical aperture region and reflect at least a portion of the received light to the cavities of the interferometric modulator elements. In some embodiments, the interferometric modulator elements may be separated from each other such that an optical aperture region is formed between adjacent interferometric modulator elements.

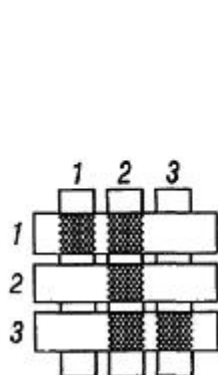


FIG. 5A

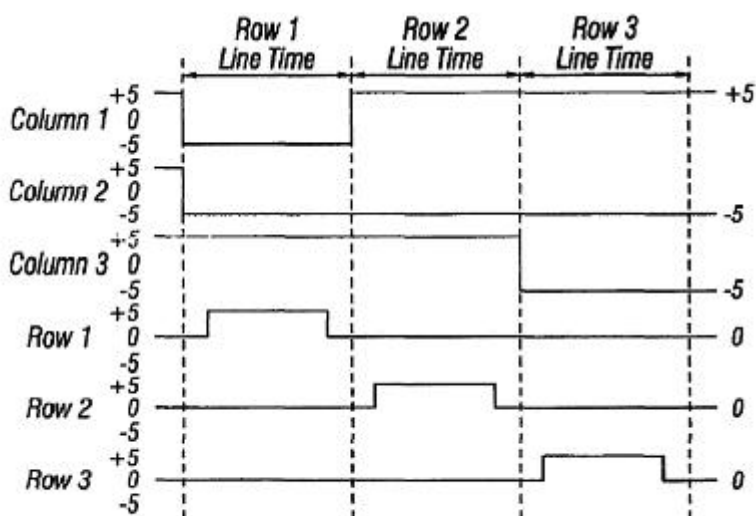


FIG. 5B

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1162/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :07/12/2001

(43) Publication Date : 29/06/2007

(54) Title of the invention : LID STRUCTURE FOR VEHICLE

|                                               |                      |                                                         |
|-----------------------------------------------|----------------------|---------------------------------------------------------|
| (51) International classification             | :B62J35/00,B62J25/00 | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :2001-003124         | <b>1)HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>             |
| (32) Priority Date                            | :10/01/2001          | Address of Applicant :1-1 MINAMIAOYAMA 2-CHOME, MINATO- |
| (33) Name of priority country                 | :Japan               | KU, TOKYO Japan                                         |
| (86) International Application No             | :NA                  | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :NA                  | <b>1)HIROYUKI ITO</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 lid structure for a vehicle which includes an oil supplying lid on a step floor, characterized in that said vehicle includes a checking lid, which can be opened and closed when said oil supplying lid is open, provided on said step floor in a neighboring relationship with said oil supplying lid.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1173/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : USE OF ACID SCAVENGERS IN REMOVAL OF PROTONS(ACIDITY) OF THE REACTION MASS DURING CHLORINATED OF SUCROSE-6-ACETATE

|                                               |                      |                                                               |
|-----------------------------------------------|----------------------|---------------------------------------------------------------|
| (51) International classification             | :C07H13/02,C07H13/00 | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :NA                  | <b>1)Pharmed Medicare Pvt. Ltd.</b>                           |
| (32) Priority Date                            | :NA                  | Address of Applicant :141 Walchand Hirachand Marg, Mumbai-400 |
| (33) Name of priority country                 | :NA                  | 001, Maharashtra India                                        |
| (86) International Application No             | :NA                  | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :NA                  | <b>1)Ratnam,Rakesh</b>                                        |
| (87) International Publication No             | : NA                 | <b>2)B.Chandrasekhar</b>                                      |
| (61) Patent of Addition to Application Number | :NA                  | <b>3)Ravi Raj</b>                                             |
| Filing Date                                   | :NA                  | <b>4)Aurora sundeep</b>                                       |
| (62) Divisional to Application Number         | :NA                  |                                                               |
| Filing Date                                   | :NA                  |                                                               |

(57) Abstract :

A process is described wherein efficiency of chlorination is improved in a process for production of a chlorinated sucrose by scavenging, using an acid scavenger, of excess of acidic protons formed during a chlorination reaction between 6-0-acyl sucrose in dimethylformamide and a chlorinating reagent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1179/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :23/09/2005

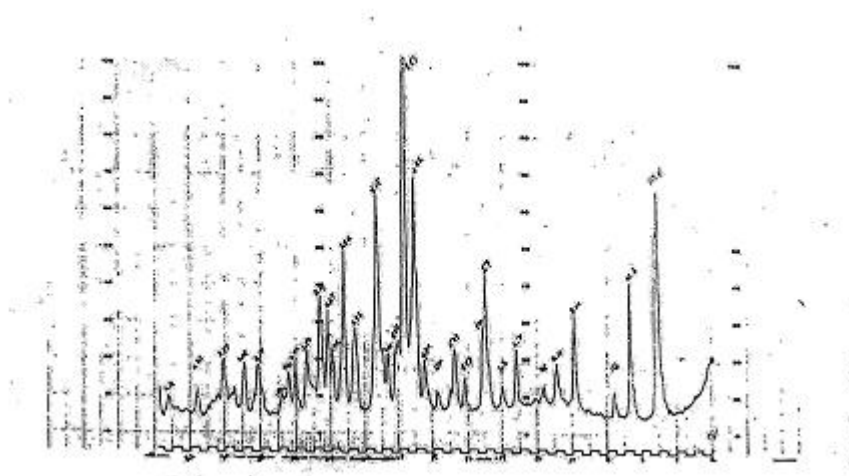
(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF 3-BENZYL-6-TRIFLUROMETHYL-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADIAZINE-1,1-DIOXIDES

|                                               |           |                                                                    |
|-----------------------------------------------|-----------|--------------------------------------------------------------------|
| (51) International classification             | :C07C7/00 | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :NA       | <b>1)IPCA LABORATORIES LTD</b>                                     |
| (32) Priority Date                            | :NA       | Address of Applicant :48,Kandivli Indusrial Estate, Mumbai-400 067 |
| (33) Name of priority country                 | :NA       | Maharashtra India                                                  |
| (86) International Application No             | :NA       | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA       | <b>1)KUMAR ASHOK</b>                                               |
| (87) International Publication No             | :Nil      | <b>2)DIKE SUNEEL YESHWANT</b>                                      |
| (61) Patent of Addition to Application Number | :NA       | <b>3)NIMBALKAR, MANMOHAN MADHAVRAO</b>                             |
| Filing Date                                   | :NA       | <b>4)BHAYANI PRITI JAYESH</b>                                      |
| (62) Divisional to Application Number         | :NA       |                                                                    |
| Filing Date                                   | :NA       |                                                                    |

(57) Abstract :

Disclosed herein is a novel crystalline form of 3-Benzyl - 6-trifluoromethyl - 7 - sulfamyl -3,4-dihydro - 1,2,4- benzothiadiazine - 1,1- dioxide, designated as 'Form II' and processes for preparation thereof. The invention further discloses a new process for preparation and isolation of crystalline Form I.



(54) Title of the invention : RAZOR WITH SUCTION CUP ATTACHMENT

|                                               |                        |
|-----------------------------------------------|------------------------|
| (51) International classification             | :B26B 21/40            |
| (31) Priority Document No                     | :09/519,341            |
| (32) Priority Date                            | :06/03/2000            |
| (33) Name of priority country                 | :U.S.A.                |
| (86) International Application No             | :PCT/US01/07037        |
| Filing Date                                   | :28/02/2001            |
| (87) International Publication No             | :WO01/66319            |
| (61) Patent of Addition to Application Number | :NA                    |
| Filing Date                                   | :NA                    |
| (62) Divisional to Application Number         | :IN/PCT/2002/01210/MUM |
| Filed on                                      | :04/09/2002            |

(71)Name of Applicant :

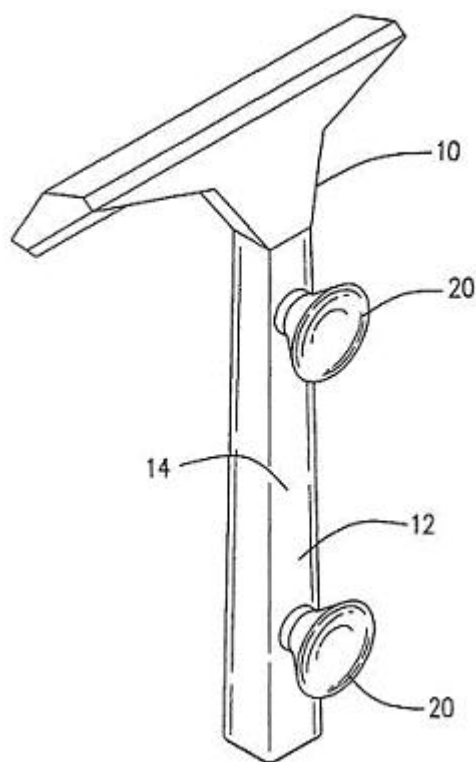
**1)DAVID B. WADE**Address of Applicant :2204 HIGHCREST DRIVE, BEDFORD, TX  
76022. U.S.A.

(72)Name of Inventor :

**1)DAVID B. WADE**

(57) Abstract :

A device for placement on the handle of a non-electric, wet shave razor, the device is characterized by: a. a water-resistant elastic sleeve having an inside, a length and an outside, the elastic sleeve made of a material to increase the friction between the razor handle and the inside of the elastic sleeve into which the razor handle is to be inserted; and b. a plurality of suction cups attached along the length of the elastic sleeve to the outside of such elastic sleeve, said suction cups providing attachment of the elastic sleeve and inserted razor to a smooth flat surface, such device providing the inserted razor with a means of attaching such razor to a smooth flat surface in a fixed and intentionally place alignment without rotation.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1200/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :27/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : SUBSTITUTED THIO-PIPERIDINO PHENYLOXAZOLIDINONES HAVING ANTIMICROBIAL ACTIVITY

(51) International classification

:A61K38/00  
C07K7/00

(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)Wockhardt Limited**

Address of Applicant :Wockhardt Towers Bandra-Kurla Complex  
Bandra (E) Mumbai- 400 051, Maharashtra India

(72)Name of Inventor :

**1)VIJAYKUMAR JAGDISHWAR PATIL**

**2)MAHESH VITHALBHAI PATEL**

(57) Abstract :

The present invention provides compounds having antimicrobial activity for preventing and treating diseases caused by microbial infections. Thus, the present invention provides novel oxazolidinone derivatives, processes for making compounds as well as antimicrobial pharmaceutical compositions containing said derivatives as active ingredient and method of treating microbial infections with the said derivatives.

(54) Title of the invention : CHARGE TRANSFER APPARATUS AND METHOD THEREFOR

(51) International classification :H02M 5/45  
 (31) Priority Document No :09/329,596  
 (32) Priority Date :10/06/1999  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US00/16018  
 Filing Date :09/06/2000  
 (87) International Publication No :WO00/77802  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :IN/PCT/2001/01560/MUM  
 Filed on :07/12/2001

(71)Name of Applicant :

**1)ERICK R. LIMPAECHER**

Address of Applicant :45 PARSONAGE LANE, TOPSFIELD, MA 01983, U.S.A.

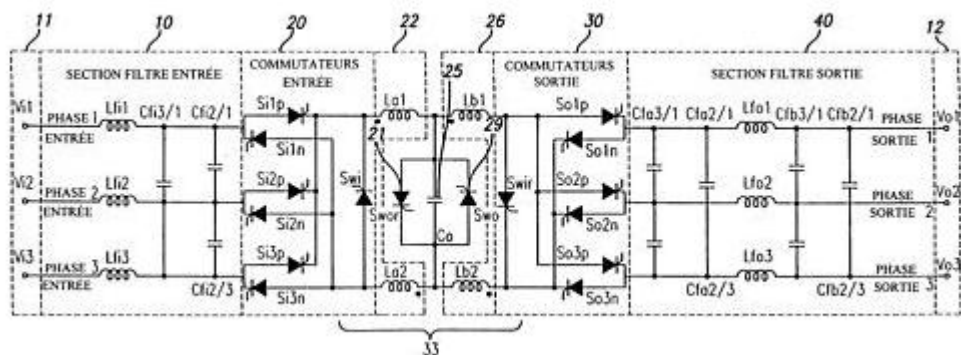
**2) RUDOLF LIMPAECHER**

(72)Name of Inventor :

**1)ERICK R. LIMPAECHER****2) RUDOLF LIMPAECHER**

(57) Abstract :

A method of transferring electric charge between an electrostatic charge storage device and a first power terminal having a plurality of first nodes, said method comprising: interchanging charge between the electrostatic charge storage device and a first-node of the plurality of first-nodes through an inductive section. when a selected charge, as determined by a controller, has been interchanged between the electrostatic charge storage device and the first first-node, generating a control signal that causes an electrical switching from the first-node to a second first-node of the plurality of first nodes; and then interchanging charge between the electrostatic charge storage device and the second first-node through the inductive section.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1202/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :27/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A PROCESS FOR MANUFACTURING ISOSTATIC PUNCH AND THE PUNCH MANUFACTURED THEREFROM

|                                               |                    |                                                               |
|-----------------------------------------------|--------------------|---------------------------------------------------------------|
| (51) International classification             | :A61C1/02,A61C1/00 | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :NA                | <b>1)H &amp; R JOHNSON (INDIA) LTD.</b>                       |
| (32) Priority Date                            | :NA                | Address of Applicant :Windsor, 7th Floor, C.S.T. Road, Kalina |
| (33) Name of priority country                 | :NA                | Santacruz (East) Mumbai - 400098 Maharashtra India            |
| (86) International Application No             | :NA                | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :NA                | <b>1)DEORE ARUN DAYARAM</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 proposes an improved method of manufacturing an isostatic punch comprising of preparing an inbuilt rubber grid tight-fitting in the cavity /cavities of a metal base having opening/s to fill in a viscous liquid at the base of the said inbuilt rubber grid and further rubberizing it with layer/s of rubber, and the punch prepared therefrom.

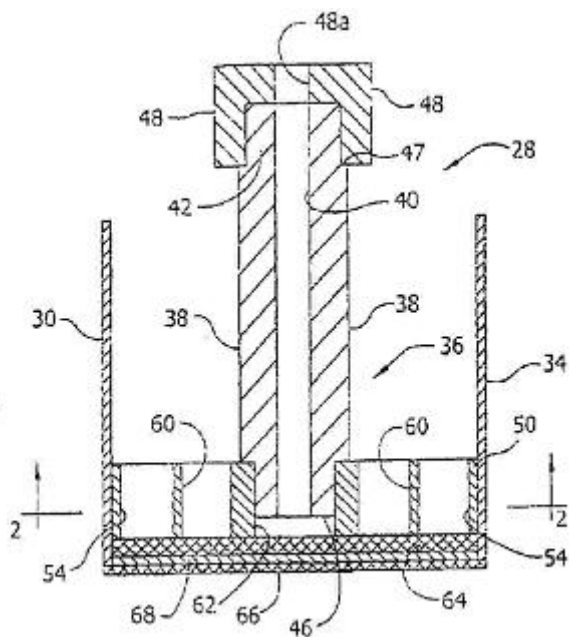
(54) Title of the invention : SUPERABSORBENT POLYMER WITH HIGH PERMEABILITY

(51) International classification :A61L15/60  
 (31) Priority Document No :10/424, 195  
 (32) Priority Date :25/04/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/012707  
 Filing Date :23/04/2004  
 (87) International Publication No :WO2004/096304A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)STOCKHAUSEN INC**  
 Address of Applicant :2401 DOYLE STREET, GREENSBORO NC  
 U.S.A.  
 (72)**Name of Inventor :**  
**1)JOY MARK C.**  
**2)SMITH SCOTT J.**  
**3)HSU WHEI-NEEN**  
**4)FRANK MARKUS**

## (57) Abstract :

The invention relates to absorptive, crosslinked polymers which are based on partly neutralized, monoethylenically unsaturated monomers carrying acid groups, and have improved properties, in particular in respect of their capacity for transportation of liquids in the swollen state, and which has a high gel bed permeability and high centrifuge retention capacity.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1206/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :28/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A TIFFIN FOR KEEPING HOT & COLD FOODS

|                                               |                      |                                                                    |
|-----------------------------------------------|----------------------|--------------------------------------------------------------------|
| (51) International classification             | :A47G19/00,A47J36/24 | (71) <b>Name of Applicant :</b>                                    |
| (31) Priority Document No                     | :NA                  | <b>1)PARTHAM OVERSEAS</b>                                          |
| (32) Priority Date                            | :NA                  | Address of Applicant :1/2, Sunshine Industrial Estate, Near Golani |
| (33) Name of priority country                 | :NA                  | Stop, Waliv, Vasai, (East) Dist. Thane.-401 208 Maharashtra India  |
| (86) International Application No             | :NA                  | <b>2)USHA KAMAL ARORA</b>                                          |
| Filing Date                                   | :NA                  | <b>3)KAMAL KISHORE ARORA</b>                                       |
| (87) International Publication No             | : NA                 | <b>4)RIMPI NAVIN ARORA</b>                                         |
| (61) Patent of Addition to Application Number | :NA                  | <b>5)VIKASH KAMAL ARORA</b>                                        |
| Filing Date                                   | :NA                  | (72) <b>Name of Inventor :</b>                                     |
| (62) Divisional to Application Number         | :NA                  | <b>1)VIKASH KAMAL ARORA</b>                                        |
| Filing Date                                   | :NA                  |                                                                    |

(57) Abstract :

A Tiffin for keeping hot and cold foods, comprising a plurality of compartments/main boxes, a bottom cover and a top cover, each made of the said main box having an inner bowl and an outer container made of plastic material, the said outer container consisting of an upper portion and a lower portion separated by a partition wall, the inner bowl being accommodated in the upper portion resting on the said partition wall and clamped with the help of a double walled clamp ring made of plastic material, forming a double walled strong and steady heat insulated main box, the said main box provided with threading means at its upper and lower ends and the top and bottom covers being provided with corresponding threading means for connecting the same with the top and bottom ends of the main box.

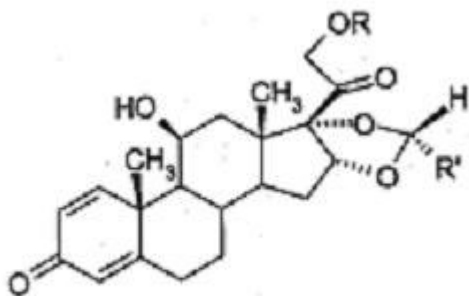


(54) Title of the invention : A GREEN CHEMISTRY PROCESS FOR THE PREPARATION OF PREGNADIENE ESTER

|                                               |            |                                                             |
|-----------------------------------------------|------------|-------------------------------------------------------------|
| (51) International classification             | :C07D31/00 | (71)Name of Applicant :                                     |
| (31) Priority Document No                     | :NA        | <b>1)ARCH PHARMALAB LIMITED</b>                             |
| (32) Priority Date                            | :NA        | Address of Applicant : "H" WING, 4TH FLOOR, TEX CENTER, OFF |
| (33) Name of priority country                 | :NA        | SAKI VIHAR ROAD, CHANDIVALI, ANDHERI(E), MUMBAI-400 072,    |
| (86) International Application No             | :NA        | Maharashtra India                                           |
| Filing Date                                   | :NA        | (72)Name of Inventor :                                      |
| (87) International Publication No             | : NA       | <b>1)ASHISH UJAGARE</b>                                     |
| (61) Patent of Addition to Application Number | :NA        | <b>2)D. A. KOCHREKAR</b>                                    |
| Filing Date                                   | :NA        | <b>3)MATHEW C. UZAGARE</b>                                  |
| (62) Divisional to Application Number         | :NA        |                                                             |
| Filing Date                                   | :NA        |                                                             |

(57) Abstract :

A process for the preparation of Pregna-1, 4-diene – 3,20-dione-16,17-acetal-21 esters of Formula (I) by green process chemistry using a combination of an ionic liquid, organic solvent optionally in the presence of an inorganic nitrite. Wherein R and R' represent a) R=H, R-cyclohexyl or b) R=CO-CH(CH<sub>3</sub>)<sub>2</sub>, R'=cyclohexyl or c) R=H, R'=CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>3</sub>.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1212/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :28/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD AND KIT FOR REDUCING IRRITATION OF SKIN DELIPATORY COMPOSITIONS

|                                                  |                             |                                                                                                                                                                                       |
|--------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                | :A61K8/31,A61K8/46,A61K8/92 | (71) <b>Name of Applicant :</b><br><b>1)Hindustan Lever Limited</b><br>Address of Applicant :Hindustan Lever House, 165-166 Backbay<br>Reclamation, Mumbai 400 020, Maharashtra India |
| (31) Priority Document No                        | :60/467628                  | (72) <b>Name of Inventor :</b>                                                                                                                                                        |
| (32) Priority Date                               | :02/05/2003                 | <b>1)SLAVTCHEFF Craig Stephen</b>                                                                                                                                                     |
| (33) Name of priority country                    | :U.S.A.                     | <b>2)GOLDBERG Jessica Weiss</b>                                                                                                                                                       |
| (86) International Application No                | :PCT/EP2004/003781          | <b>3)SHILOACH Anat</b>                                                                                                                                                                |
| Filing Date                                      | :07/04/2004                 | <b>4)MASSARO Michael</b>                                                                                                                                                              |
| (87) International Publication No                | :WO2004/096164A1            | <b>5)KENNEDY Christine Elizabeth</b>                                                                                                                                                  |
| (61) Patent of Addition to Application<br>Number | :NA                         |                                                                                                                                                                                       |
| Filing Date                                      | :NA                         |                                                                                                                                                                                       |
| (62) Divisional to Application Number            | :NA                         |                                                                                                                                                                                       |
| Filing Date                                      | :NA                         |                                                                                                                                                                                       |

(57) Abstract :

A method and kit is provided for removing hair. The method includes applying to an area of skin from which hair is to be removed a skin pre-treatment composition that includes a lipophilic material. Thereafter applied onto the pre-treated area is a depilatory composition including a keratin degrading agent in an effective amount to chemically react with hair to allow wipe-away removal. A kit is also provided which includes a skin pre-treatment product formed with a skin pre-treatment composition including a lipophilic material delivered to the skin by a carrier. The kit further includes a depilatory product having a depilatory composition with a keratin degrading agent chemically reactive with hair to weaken the hair for removal, the depilatory composition being delivered from a carrier.

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(54) Title of the invention : SIBUTRAMINE FREE BASE IN CRYSTALLINE FORM AND ITS PHARMACEUTICAL USE

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C211/29        |
| (31) Priority Document No                     | :0310361.1         |
| (32) Priority Date                            | :06/05/2003        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2004/001709 |
| Filing Date                                   | :22/04/2004        |
| (87) International Publication No             | :WO2004/099119A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)CIPLA LIMITED**Address of Applicant :289 BELLASIS ROAD, MUMBAI CENTRAL,  
MUMBAI - 400 008 Maharashtra India

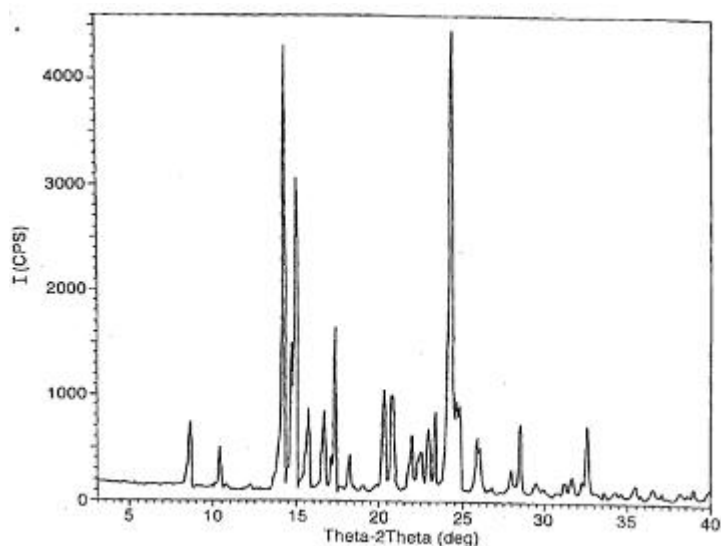
(72)Name of Inventor :

**1)RAO, DHARMARAJ, RAMACHANDRA****2)KANKAN, RAJENDRA, NARAYANRAO**

---

(57) Abstract :

Sibutramine, N-{1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl}-N,N-dimethyl-amine, free base in crystalline form, compositions containing the same and uses thereof.

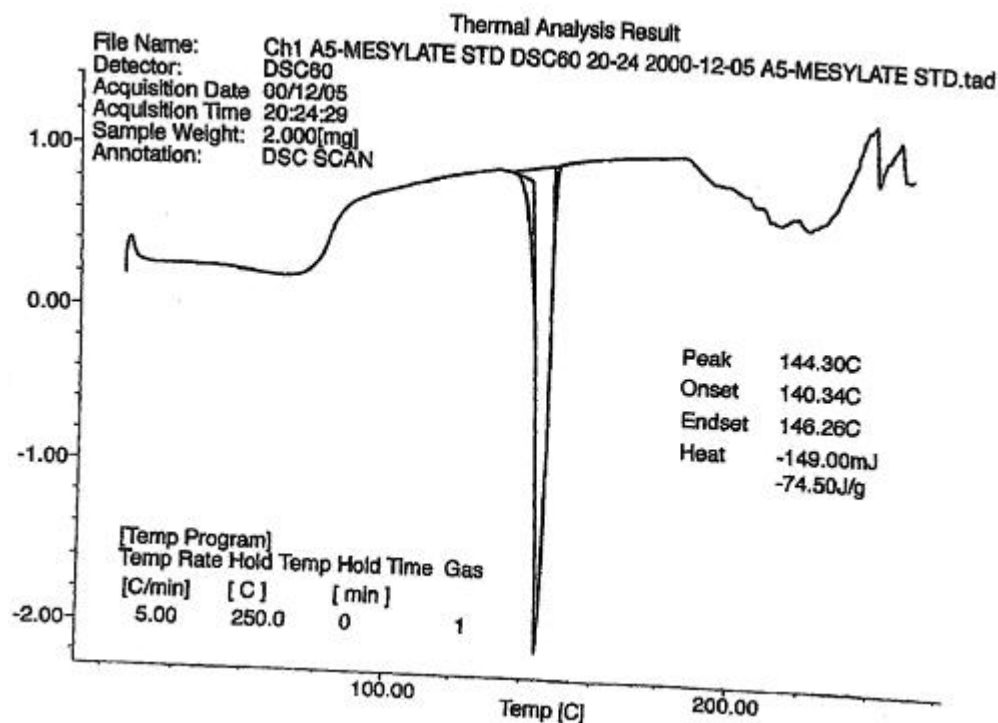


(54) Title of the invention : PROCESS FOR PREPARING ALMODIPINE MESYLATE MONOHYDRATE

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :C07D211/90        | (71)Name of Applicant :                                  |
| (31) Priority Document No                     | :0309471.1         | <b>1)CIPLA LIMITED</b>                                   |
| (32) Priority Date                            | :25/04/2003        | Address of Applicant :289 BELLASIS ROAD, MUMBAI CENTRAL, |
| (33) Name of priority country                 | :U.K.              | MUMBAI - 400 008 Maharashtra India                       |
| (86) International Application No             | :PCT/GB2004/001638 | (72)Name of Inventor :                                   |
| Filing Date                                   | :16/04/2004        | <b>1)KANKAN RAJENDRA NARAYANRAO</b>                      |
| (87) International Publication No             | :WO2004/096770A1   | <b>2)RAO DHARMARAJ RAMACHANDRA</b>                       |
| (61) Patent of Addition to Application Number | :NA                | <b>3)SRINIVAS PATHI L</b>                                |
| Filing Date                                   | :NA                |                                                          |
| (62) Divisional to Application Number         | :NA                |                                                          |
| Filing Date                                   | :NA                |                                                          |

(57) Abstract :

Amlodipine mesylate monohydrate is prepared either from anhydrous amlodipine mesylate, or in the presence of a water immiscible solvent medium from amlodipine free base and methane sulphonic acid.



(54) Title of the invention : A SYSTEM AND A METHOD OF AUTOMATIC DEFROST FOR A REFRIGERATION APPLIANCE

(51) International classification :F21D21/06  
 (31) Priority Document No :NA  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No :Nil  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :90/MUM/2001  
 Filed on :25/01/2001

(71)Name of Applicant :

**1)MULTIBRAS S.A. ELECTRODOMESTICOS**

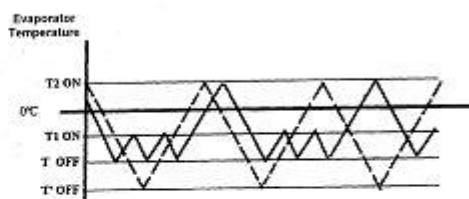
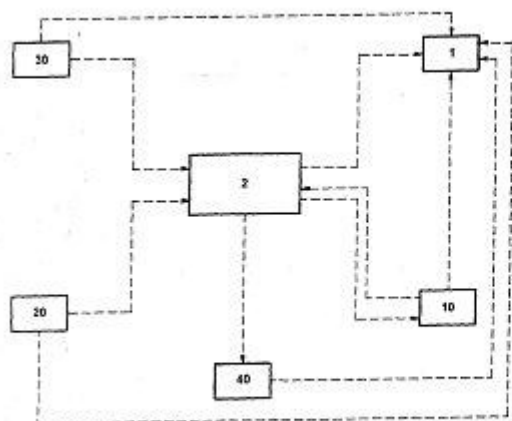
Address of Applicant :Av. das Nacoes Unidas, 12995-32 andar, Sao Paulo-SP, Brazil

(72)Name of Inventor :

**1)MARCO EDUARDO MARQUES****2)ROBERTO DE MEDEIROS BRUN**

(57) Abstract :

An automatic defrost system for a refrigeration appliance, including a hermetic compressor driven by an electric motor (1) and a control unit (2), which is operatively connected to said electric motor(1), said system characterized in that: - a thermal switch means (10), which is operatively couple to both the control unit (2) and the electric motor(1) and which has a first turn on condition, to activate the electric motor(1) at a first turn on temperature (T1on); a second turn on condition, to activate the electric motor(1) at a second turn on temperature (T2on) higher than the first turn on temperature (T1on); and a turn off condition, to turn off the electric motor, at a turn off temperature (Toff): - a switch means (40), which is operatively connected to both the control unit(2) and the electric motor(1), in order to interrupt the energization of the latter, by instruction of the control unit(2); and - a cycle counting means (30), which is operatively connected to both the control unit(2) and the electric motor(1), in order to count each first and second turn on conditions of the electric motor(1) the control unit(2) selectively activating the thermal switch means (10) to operate: a - in the first turn on condition and in the turn off condition, which the number of cycles in the first turn on condition of the electric motor(1) is inferior to a predetermined number; b- in the turn off condition and in the second turn on condition, when the predetermined number of cycles of the first turn on condition of the electric motor(1) has been reached and until a subsequent second turn on condition has been reached; c- in the first turn on condition and in the turn off condition, after the second turn on condition has been reached.



(54) Title of the invention : SPEECH CODING APPARATUS, SPEECH DECODING APPARATUS AND METHODS THEREOF

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :G10L19/04         | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :2003-125665       | <b>1)MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.</b>      |
| (32) Priority Date                            | :30/04/2003        | Address of Applicant :1006, OAZA KADAOMA, KADOMA-SHI, |
| (33) Name of priority country                 | :Japan             | OSAKA-571-8501 Japan                                  |
| (86) International Application No             | :PCT/JP2004/006294 | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :30/04/2004        | <b>1)KAORU SATO</b>                                   |
| (87) International Publication No             | :WO2004/097796A1   | <b>2)TOSHIYUKI MORII</b>                              |
| (61) Patent of Addition to Application Number | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |
| (62) Divisional to Application Number         | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |

## (57) Abstract :

Base layer coding section 101 encodes an input signal to obtain base layer coded information. base layer decoding section 102 decodes the base layer coded information to obtain a base layer decoded signal and long term prediction information (pitch lag). Adding section 103 inverts the polarity of the base layer decoded signal to add to the input signal, and obtains a residual signal. Enhancement layer coding section 104 encodes a long term prediction coefficient calculated using the long term prediction information and the residual signal to obtain enhancement layer coded information . Base layer decoding section 152 decodes the base layer coded information to obtain the base layer decoded signal and long term prediction information. Using the long term prediction information, enhancement layer decoding section 153 decodes the enhancement layer coded information to obtain an enhancement layer decoded signal. Adding section 154 adds the base layer decoded signal and enhancement layer decoded signal to obtain a speech/sound signal. It is thereby possible to implement scalable coding with small amounts of calculation and coded information.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1222/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A NANOPARTICULATE EXOGENOUS PROTEIN-FREE MICRONUTRIENT ADDED PULMONARY SURFACTANT COMPOSITION FOR NEONATAL RESPIRATORY DISTRESS SYNDROME AND A PROCESS FOR PREPARING THE SAME.

|                                               |            |                                                               |
|-----------------------------------------------|------------|---------------------------------------------------------------|
| (51) International classification             | :A61K45/06 | (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 Maharashtra India |
| (33) Name of priority country                 | :NA        | (72)Name of Inventor :                                        |
| (86) International Application No             | :NA        | <b>1)Rinti Banerjee</b>                                       |
| Filing Date                                   | :NA        | <b>2)Rachana</b>                                              |
| (87) International Publication No             | :NA        | <b>3)Jayesh Bellare</b>                                       |
| (61) Patent of Addition to Application Number | :NA        | <b>4)Ram Puniyani</b>                                         |
| Filing Date                                   | :NA        |                                                               |
| (62) Divisional to Application Number         | :NA        |                                                               |
| Filing Date                                   | :NA        |                                                               |

(57) Abstract :

This invention relates to a nanoparticulate exogenous micronutrient added protein-free surface composition for use in treating Neonatal Respiratory Distress Syndrome (NRDS) and a process for preparing the same. The composition contains atleast one phospholipid surfactant and a natural oil selected from clove or eucalyptus oil and their derivatives, micronutrients selected from ascorbic acid and its derivatives and soluble calcium salts. This composition is cost effective, does not have the side -effects normally seen when animal derived protein containing surfactants are used and acts also as a delivery agent for essential micronutrients for the premature babies lungs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1223/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AN EXOGENOUS PROTEIN-FREE PULMONARY SURFACTANT COMPOSITION FOR ADULT RESPIRATORY DISTRESS SYNDROME AND A PROCESS FOR PREPAIRING THE SAME

|                                               |            |                                                                |
|-----------------------------------------------|------------|----------------------------------------------------------------|
| (51) International classification             | :C07H21/00 | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :NA        | <b>1)INDIAN INSTITUTE OF TECHNOLOGY</b>                        |
| (32) Priority Date                            | :NA        | Address of Applicant :Powai, Mumbai 400 076, Maharashtra India |
| (33) Name of priority country                 | :NA        | (72) <b>Name of Inventor :</b>                                 |
| (86) International Application No             | :NA        | <b>1)RINTI BANERJEE</b>                                        |
| Filing Date                                   | :NA        | <b>2)RACHANA</b>                                               |
| (87) International Publication No             | : NA       | <b>3)JAYESH BELLARE</b>                                        |
| (61) Patent of Addition to Application Number | :NA        | <b>4)RAM PUNIYANI</b>                                          |
| Filing Date                                   | :NA        |                                                                |
| (62) Divisional to Application Number         | :NA        |                                                                |
| Filing Date                                   | :NA        |                                                                |

(57) Abstract :

This invention relates to an exogenous protein-free surfactant composition for use in treating adult respiratory distress syndrome (ARDS) a process for preparing the surfactant composition. The composition contains atleast one phospholipid surfactant and a natural oil selected from eucalyptus oil and its derivatives. This composition prevents the interaction between surfactants and hematological agents and will thus be effective in ARDS. It is also cost effective and does not have the side-effects normally seen when protein containing surfactants are used.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1225/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : DELAYED RELEASE ANTI-MALARIAL COMPOSITION

|                                               |             |                                                                      |
|-----------------------------------------------|-------------|----------------------------------------------------------------------|
| (51) International classification             | :C07D239/88 | (71) <b>Name of Applicant :</b>                                      |
| (31) Priority Document No                     | :NA         | <b>1)IPCA LABORATORIES LTD</b>                                       |
| (32) Priority Date                            | :NA         | Address of Applicant :48, Kandivli Industrial Estate, Mumbai-400 067 |
| (33) Name of priority country                 | :NA         | Maharashtra India                                                    |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                       |
| Filing Date                                   | :NA         | <b>1)GODHA PREMCHAND</b>                                             |
| (87) International Publication No             | : NA        | <b>2)BANSAL YATISH KUMAR</b>                                         |
| (61) Patent of Addition to Application Number | :NA         | <b>3)SENGUPTA SUBHRANGSHU</b>                                        |
| Filing Date                                   | :NA         | <b>4)SINGH NIVEDITA</b>                                              |
| (62) Divisional to Application Number         | :NA         |                                                                      |
| Filing Date                                   | :NA         |                                                                      |

(57) Abstract :

This invention discloses a novel, stable delayed release antimalarial composition of a pharmaceutically effective amount of antimalarial agent from the artemisinin group such as B-artether. Since the antimalarial agent is unstable in stomach, the dosage form is designed such that the active ingredient is released and absorbed in the gastrointestinal tract. The invention encompasses the composition in the form of delayed release, enteric coated tablet dosage form. The invention also provides a process to prepare said tablets comprising a process of direct compression for preparing the core tablets, which are then enteric coated with suitable polymer coating material in organic solvent based system. These enteric coated are further film coated. The enteric coating is useful to protect the sensitive active ingredient against acid decomposition by the gastric fluid and delay release of the active ingredient for local delivery at the intestine. Such enteric coated tablets are useful for the treatment of drug resistant malaria.

(54) Title of the invention : METHOD OF AND SYSTEM FOR SELECTING A PLMN FOR NETWORK SHARING

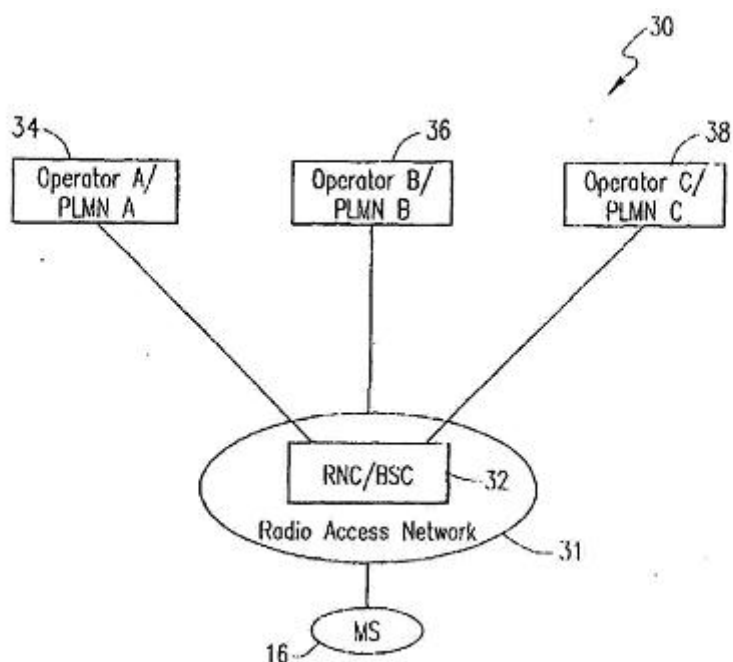
|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q7/38          |
| (31) Priority Document No                     | :60/555,510        |
| (32) Priority Date                            | :23/03/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/EP2005/003093 |
| Filing Date                                   | :23/03/2005        |
| (87) International Publication No             | :WO2005/091661A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)**  
 Address of Applicant :S-164 83 Stockholm, Sweden

(72)**Name of Inventor :**  
**1)JOHANNESSON, Regina**  
**2)HERRERO VERON, Christian**

(57) Abstract :

Method for selecting a public land mobile network (PLMN) from a plurality of available PLMNs more particularly, one embodiment of the invention includes the steps of transmitting via a mobile network information related to the plurality of available PLMNs. The method further includes the step of receiving, at a mobile station, the information related to the plurality of available PLMNs, and responsive to the step of receiving, sending, to the mobile network, of a Non-Access-Stratum (NAS) signaling message including an identification data for selecting one PLMN from the plurality of available PLMNs.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1228/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : Method, apparatus and program storage device that provides a non-fragmenting physical disk interface for raid implementations

|                                               |            |                                                                 |
|-----------------------------------------------|------------|-----------------------------------------------------------------|
| (51) International classification             | :G06F13/00 | (71) <b>Name of Applicant :</b>                                 |
| (31) Priority Document No                     | :NA        | <b>1)XIOTech Corporation</b>                                    |
| (32) Priority Date                            | :NA        | Address of Applicant :6455 Flying Cloud Drive, Eden Prairie, MN |
| (33) Name of priority country                 | :NA        | 55344-3305, U.S.A.                                              |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                  |
| Filing Date                                   | :NA        | <b>1)MADHAVAPEDDI 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 method, apparatus and program storage device that provides a non-fragmenting physical disk interface for RAID implementations. Virtual segments of storage are mapped to physical segments of storage so that the physical segments of storage appear to be contiguous.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1231/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :30/09/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A PROCESS FOR PREPARING BLOCK COPOLYMERS AND THE BLOCK COPOLYMERS PREPARED THEREFROM

|                                               |           |                                                                    |
|-----------------------------------------------|-----------|--------------------------------------------------------------------|
| (51) International classification             | :C07K7/00 | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :NA       | <b>1)GHARDA CHEMICALS LTD.</b>                                     |
| (32) Priority Date                            | :NA       | Address of Applicant :45/47, Veer Nariman Road, Mumbai Maharashtra |
| (33) Name of priority country                 | :NA       | India                                                              |
| (86) International Application No             | :NA       | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA       | <b>1)TRIVEDI PRAKASH DRUMAN</b>                                    |
| (87) International Publication No             | : NA      | <b>2)RAJA ATUL RAMANIKLAL</b>                                      |
| (61) Patent of Addition to Application Number | :NA       | <b>3)JESANI MUKESH SHAMBHUBHAI</b>                                 |
| Filing Date                                   | :NA       | <b>4)HARESH SEVANTILAL MODI</b>                                    |
| (62) Divisional to Application Number         | :NA       |                                                                    |
| Filing Date                                   | :NA       |                                                                    |

(57) Abstract :

The present invention relates to a process of preparing block copolymers comprising of at least two types of homoblocks, selected from either PSSD, PSSB, TPES, PSS, TMPSS or PESK or selected from at least one of PSSD, PSSB, TPES, PSS, TMPSS or PESK and at least one of PPSU, PES or PSU, wherein each of the said homoblock has an identical or different molecular weight of at least 1000 and has at least 5% of the overall weight and wherein the block copolymer has a molecular weight of at least 2000, the process steps comprising of preparing each of the aforesaid homoblocks by heating at least one aromatic diol/dihydroxy compound with at least one aromatic dihalo compound, one of which contains at least one sulfone group, in the presence of at least one alkali optionally in at least one solvent and further optionally in the presence of an azeotropic agent, reacting the aforesaid homoblocks together at a temperature between 130°C to 250°C optionally in at least a solvent, and further optionally followed by end-capping said block copolymer recovering the block copolymer and to the block copolymer prepared therefrom.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1254/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :06/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMPROVED FLOWMETER CALIBRATION RIG

|                                               |            |                                                                |
|-----------------------------------------------|------------|----------------------------------------------------------------|
| (51) International classification             | :G01F25/00 | (71)Name of Applicant :                                        |
| (31) Priority Document No                     | :NA        | <b>1)KROHNE MARSHALL PRIVATE LIMITED</b>                       |
| (32) Priority Date                            | :NA        | Address of Applicant :A-34/35, MIDC ESTATE, 'H' BLOCK, PIMPRI, |
| (33) Name of priority country                 | :NA        | PUNE-411 018 Maharashtra India                                 |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                         |
| Filing Date                                   | :NA        | <b>1)ARORA KISHORE</b>                                         |
| (87) International Publication No             | : NA       | <b>2)GURJAR SUHAS</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 calibration rig and a method for calibration of Flow metering device used for incompressible fluids, in particular, Electromagnetic, Ultrasonic, Vortex and Turbine Flow meter; with current / voltage or pulse output. With the increase in size (diameter) of flow meter and its fluid handling capacity, physical size of fluid reservoirs, pumps size, circulation pipes, pumping power & operating cost, etc. become enormously large. The judicious combination of a vertical fluid containment tower to provide head for fluid circulation along with fluid level measuring, feedback fluid measuring means, flow measuring devices calibrated to national standard and volume vessel results in substantially reducing pump capacity, pumping power, sump size, capital investment; yet enhancing accuracy of the measurement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1256/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :06/10/2005

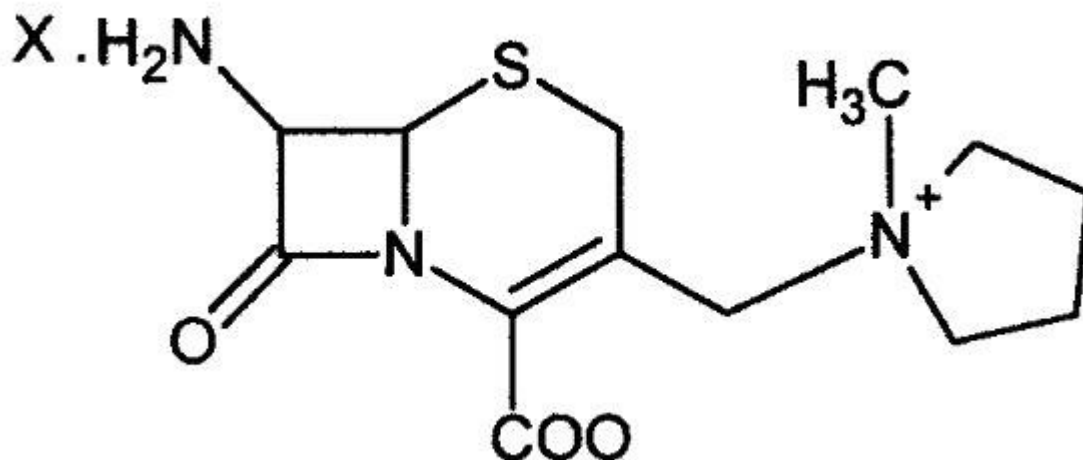
(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR PREPARING INTERMEDIATES USEFUL IN SYNTHESIS OF CHEPHALOSPRIN

|                                               |                        |                                              |
|-----------------------------------------------|------------------------|----------------------------------------------|
| (51) International classification             | :C07D501/22,C07D501/00 | (71)Name of Applicant :                      |
| (31) Priority Document No                     | :NA                    | <b>1)ALEMBIC LIMITED</b>                     |
| (32) Priority Date                            | :NA                    | Address of Applicant :ALEMBIC CAMPUS.ALEMBIC |
| (33) Name of priority country                 | :NA                    | ROAD,VADODARA-390 003 Gujarat India          |
| (86) International Application No             | :NA                    | (72)Name of Inventor :                       |
| Filing Date                                   | :NA                    | <b>1)DESHPANDE, PANDURANG BALWANT</b>        |
| (87) International Publication No             | : NA                   | <b>2)BHATT,SURENDRA BHAGAVANLAL</b>          |
| (61) Patent of Addition to Application Number | :NA                    | <b>3)SHETH,NEHAL MAHESHBHAI</b>              |
| Filing Date                                   | :NA                    |                                              |
| (62) Divisional to Application Number         | :NA                    |                                              |
| Filing Date                                   | :NA                    |                                              |

(57) Abstract :

The following invention relates to process for preparing Cephalosporin intermediates of formula (I), wherein X is HI, HC1 or H2SO4, having high purity and yield and useful for synthesis of broad spectrum cephalosporin antibiotics.

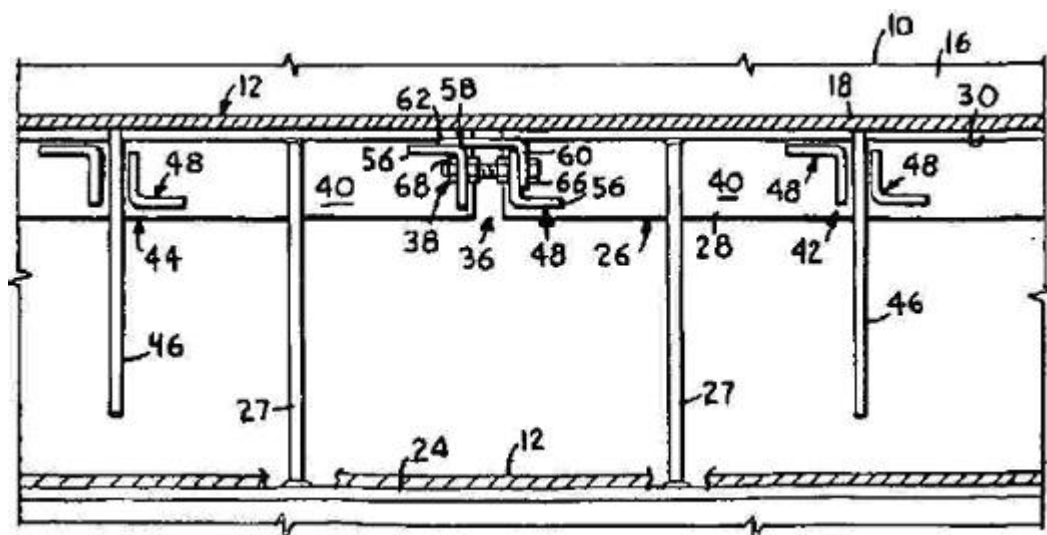


(54) Title of the invention : EXPANSION RING FOR MASS TRANSFER COLUMN AND METHOD EMPLOYING SAME

|                                               |                    |                                                                      |
|-----------------------------------------------|--------------------|----------------------------------------------------------------------|
| (51) International classification             | :B01D3/32          | (71)Name of Applicant :                                              |
| (31) Priority Document No                     | :60/464,467        | <b>1)KOCH-GLITSCH,LP</b>                                             |
| (32) Priority Date                            | :22/04/2003        | Address of Applicant :4111 East 37th Street North, Wichita, KS 67220 |
| (33) Name of priority country                 | :U.S.A.            | U.S.A.                                                               |
| (86) International Application No             | :PCT/US2004/012406 | (72)Name of Inventor :                                               |
| Filing Date                                   | :22/04/2004        | <b>1)GAGE, Gary W.</b>                                               |
| (87) International Publication No             | :WO2004/094028A1   |                                                                      |
| (61) Patent of Addition to Application Number | :NA                |                                                                      |
| Filing Date                                   | :NA                |                                                                      |
| (62) Divisional to Application Number         | :NA                |                                                                      |
| Filing Date                                   | :NA                |                                                                      |

## (57) Abstract :

A mass transfer column (10) is provided with at least one vapor-liquid tray (12) that is disposed within the open internal region (14) defined by a shell (16) of the column (10). At least one expansion ring (26) underlies and supports the vapor-liquid contact tray (12). An expander (38) is associated with first and second end segments (32, 34) of the expansion ring (26) that define a cutout (36) in the expansion ring (26). The expander (38) includes brackets (48) welded to the end segments (32,34) and a threaded member (50) that extends through the brackets (48) and carries nuts (54). Turning the nuts (54) against facing surfaces of the brackets (48) causes the first and second end segments (32,34) of the expansion ring (26) to be forced apart to cause an increase in the circumference of the expansion ring (26), thereby sealing the expansion ring (26) against the inner surface of the column shell. At least one seal plate (58) is positioned on the threaded member (50) to block the cutout (36) in the expansion ring (26). Rods (27) extend between the expansion ring (26) and a support ring (24) that is welded to the column shell (16) to transfer a portion of the load carried by the expansion ring (26) to the support ring (24).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1267/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :14/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A SYNERGISTIC COMPOSITION FOR THE TREATMENT OF DIABETES MELLITUS

(51) International classification :A61K35/78

(31) Priority Document No :60/470,742

(32) Priority Date :14/05/2003

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

(86) International Application No :PCT/IB2004/001550

Filing Date :13/05/2004

(87) International Publication No :WO2004/100968A3

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

**1)INDUS BIOTECH PVT. LTD.**

Address of Applicant :102, AIRY APARTMENTS, 878 BOOTTEE STREET, PUNE-411 001, Maharashtra India

(72)**Name of Inventor :**

**1)BHASKARAN SUNIL**

**2)MOHAN VISHWARAMAN**

(57) Abstract :

The present invention relates to a synergistic composition for treatment of diabetes in a subject in need thereof, said composition-comprising Trigonelline of concentration ranging between 20 to 30% amino acid of concentration ranging between 20 to 60% and soluble fiber of concentration ranging between 10 to 60% optionally along with pharmaceutically acceptable additives a process thereof and also, a method of treating diabetes.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1270/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :07/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AUSTEMPERED DUCTILE IRON BASED CRAWLER PARTS

|                                               |            |                                                         |
|-----------------------------------------------|------------|---------------------------------------------------------|
| (51) International classification             | :B62D55/00 | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :NA        | <b>1)TRACTOR ENGINEERS LIMITED</b>                      |
| (32) Priority Date                            | :NA        | Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI |
| (33) Name of priority country                 | :NA        | 400 001, Maharashtra India                              |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :NA        | <b>1)ANSARI MOHAMMED SHOEBO MOHAMMED ISMAIL</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 of forming crawler parts. The process comprises steps of casting of ductile iron with chemistry as per simple SG iron or alloyed SG iron, wherein said of casting comprising a predetermined normalization temperature, machining partially but not wholly of said cast material, austempering of the machined material at predetermined temperatures, subsequently cooling to a predetermined temperature and finish machine to suit a predetermined temperature form and fit. The invention also relates to a crawler part comprising selectively of simple SG iron or alloyed SG iron in predetermined proportions being subjected to Austempering in a manner to provide improved physical properties.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1270/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :18/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AN ISOFLAVONE DERIVATIVE OF TECTORIGENIN PREPARATION THEREOF AND THE ANTIVIRAL MEDICINE CONTAINING THE SAME AS AN EFFECTIVE CONSTITUENT

(51) International classification :C07D311/36  
(31) Priority Document No :03117865.0  
(32) Priority Date :15/06/2003  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2004/000481  
Filing Date :14/06/2004  
(87) International Publication No :WO2004/111027A1  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)CHENGDU DIKANG PHARMACEUTICAL INSTITUTE**

Address of Applicant :1 DIKANG AVENUE, THE WESTERN ZONE OF THE HI-TECH DISTRICT, CHENGDU, SICHUAN 611731, China

**2)DIKANG SCI-TECH PHARMACEUTICAL CO., LTD**

(72)Name of Inventor :

**1)XUEMIN XU**

**2)CHONGJUN YUAN**

**3)JIA WANG**

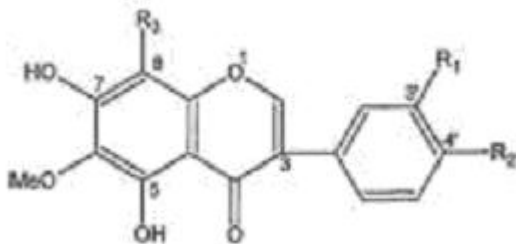
**4)SHANGBIN QI**

**5)HAI YIN**

**6)YANMING ZENG**

(57) Abstract :

The present invention relates to the isoflavone derivatives of tectoridin demonstrated as formula (II), the preparation thereof and the anti-virus medicines containing the same as the effective constituents. Formula: (II); wherein R<sub>1</sub> is H, NH<sub>2</sub> or SO<sub>3</sub>M; R<sub>2</sub> is OR'; is H or -CH<sub>2</sub>NR'', wherein R' is H, -CH<sub>2</sub>COONa or -CH<sub>2</sub>CH<sub>2</sub>Nme<sub>2</sub>; NR'' is Formula (III); or -Nme<sub>2</sub>; M is H, Na, K or N+H(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>3</sub>.



( II )

(54) Title of the invention : NOVEL CRYSTALLINE POLYMORPHIC FORM OF A CAMPTOTHECIN ANALOUGE

(51) International classification :A61K31/4745  
 (31) Priority Document 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 :

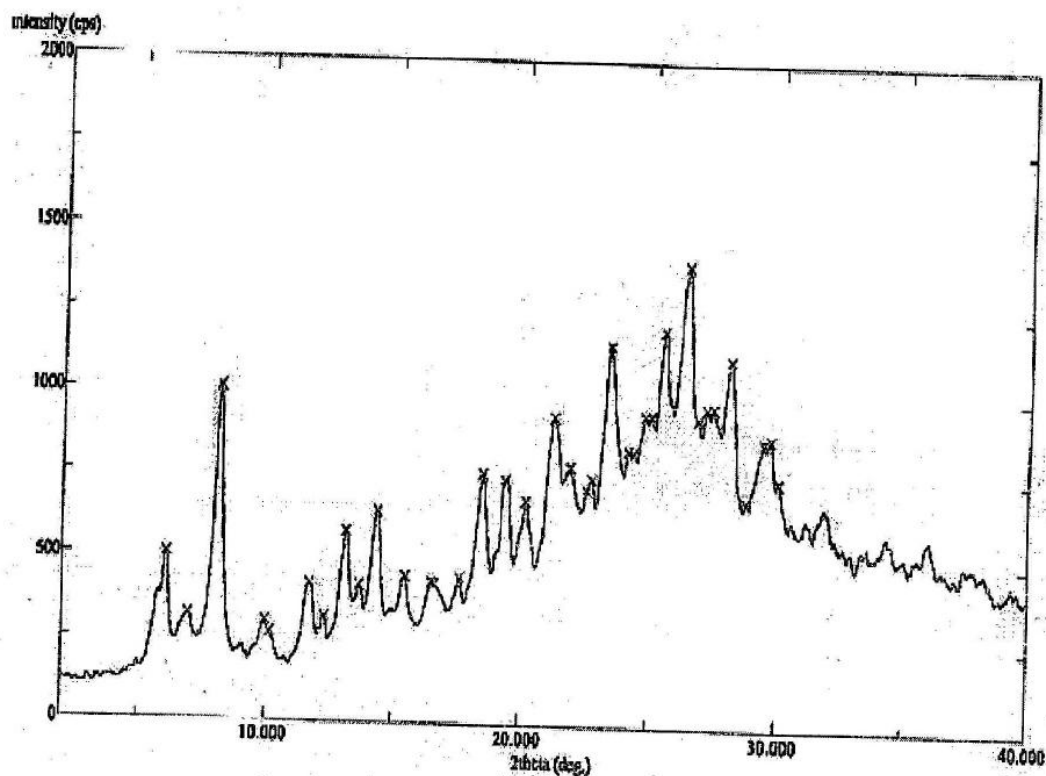
**1)CIPLA LIMITED**Address of Applicant :289, BEELLASIS ROAD,MUMBAI CENTRAL,  
MUMBAI 400 008 Maharashtra India

(72)Name of Inventor :

**1)PATHI SRINIVAS LAXMINARAYAN****2)KANATHALA, SHASHI REKHA****3)GANGRADE, MANISH GOPALDAS****4)KANKAN, RAJENDRA NARAYANRAO****5)RAO DHARAMARAJ RAMACHANDRA**

(57) Abstract :

Disclosed herein is a novel crystalline polymorphic Form-A of Topotecan hydrochloride which is characterized by an XRD pattern having peak positions at 6.08, 6.94, 8.10, 9.96, 10.16, 11.68, 12.28, 13.08, 13.62, 14.32, 15.44, 16.46, 16.56, 17.58, 18.42, 19.32; 20.14, 21.22, 22.54, 22.72, 23.38, 24.14, 24.36, 24.78, 25.02, 25.50, 26.42, 26.86, 27.18, 27.44, 28.10, 28.76, 29.42, 29.68 and 30.02. The invention also discloses processes for preparation of Topotecan hydrochloride form A.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1275/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :10/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : TESTING KIT FOR ADAPTER CLAMPING FORCE

|                                               |            |                                                                 |
|-----------------------------------------------|------------|-----------------------------------------------------------------|
| (51) International classification             | :B22D17/00 | (71) <b>Name of Applicant :</b>                                 |
| (31) Priority Document No                     | :NA        | <b>1)SAILING JEROME D</b>                                       |
| (32) Priority Date                            | :NA        | Address of Applicant :20 H St. Southeast, Auburn, WA 98002-5609 |
| (33) Name of priority country                 | :NA        | U.S.A.                                                          |
| (86) International Application No             | :NA        | <b>2)INAMDAR SANJEEV MAHADEO</b>                                |
| Filing Date                                   | :NA        | (72) <b>Name of Inventor :</b>                                  |
| (87) International Publication No             | : NA       | <b>1)SAILING JEROME D</b>                                       |
| (61) Patent of Addition to Application Number | :NA        |                                                                 |
| Filing Date                                   | :NA        |                                                                 |
| (62) Divisional to Application Number         | :NA        |                                                                 |
| Filing Date                                   | :NA        |                                                                 |

(57) Abstract :

A Testing Kit for Adaptor Clamping Force is used for quick and easy method of Testing the clamping force of the drawbar assembly for clamping of the Tool holder assembly on to the spindle taper used with milling machines and machining centres & other machines using this method of Adapter retention. The Kit includes a specially made Taper shank Adapter, Main "C" Frame for transfer of clamping force from the Pull stud on to the hydraulic piston, a transfer screw, a "U" member, a modified pull stud, a hydraulic piston & Cylinder assembly and a Hydraulic Force/ Pressure Gauge. While using the kit for Testing of Clamping force on the machine spindle, the kit is manually mounted on to the machine spindle and the pull stud is allowed to be clamped with the draw bar in the manner same as holding the tool adapter. The pull stud thus clamped transfer the clamping force through the transfer screw on to the Hydraulic Cylinder through the C Frame which in turn generates hydraulic pressure inside the cylinder. This hydraulic pressure thus generated is measured and displayed by the specially calibrated Hydraulic Force Gauge mounted on to the Cylinder.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1276/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :18/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : SPARK - GAP DEVICE, PARTICULARLY HIGH - VOLTAGE SPARK - GAP DEVICE

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :H01T2/02        |
| (31) Priority Document No                     | :03/06629        |
| (32) Priority Date                            | :02/06/2003      |
| (33) Name of priority country                 | :France          |
| (86) International Application No             | :PCT/FR04/001192 |
| Filing Date                                   | :14/05/2004      |
| (87) International Publication No             | :WO2004/109874A1 |
| (61) Patent of Addition to Application Number | :NA              |
| Filing Date                                   | :NA              |
| (62) Divisional to Application Number         | :NA              |
| Filing Date                                   | :NA              |

(71)**Name of Applicant :**

**1)ITHPP**

Address of Applicant :THEGRA, 46500 THEGRA France

(72)**Name of Inventor :**

**1)FRESCALINE LAURENT**

**2)Avrillaud Gilles**

(57) Abstract :

Spark-gap device comprising two discharge electrodes (2; 3) each having an elongated conductor portion (10; 5), called the active portion, with a connecting longitudinal end (11; 7) fixed to a connector. The electrodes are arranged in such a way that, when an electric arc is generated, said arc is formed between the active portions and the resulting electric current induces a magnetic field moving the electric arc along said active portions, preferably at an erosion-limiting high speed. At least a discharge electrode further comprises at least a second conductor portion (9, 16; 6), called the passive portion, electrically connected to the connector and/or the active portion and with a form adapted to prevent a spontaneous electric arc from being inopportunately generated in normal usage conditions of the device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1279/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :11/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL ANTI-MALARIAL COMBINATION AND METHODS OF FORMULATION

|                                               |            |                                                                      |
|-----------------------------------------------|------------|----------------------------------------------------------------------|
| (51) International classification             | :A61K31/00 | (71) <b>Name of Applicant :</b>                                      |
| (31) Priority Document No                     | :NA        | <b>1)IPCA LABORATORIES LTD.</b>                                      |
| (32) Priority Date                            | :NA        | Address of Applicant :48, Kandivli Industrial Estate, Mumbai-400 067 |
| (33) Name of priority country                 | :NA        | Maharashtra India                                                    |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                       |
| Filing Date                                   | :NA        | <b>1)GODHA, PREMCHAND</b>                                            |
| (87) International Publication No             | :NA        | <b>2)BANSAL, YATISH KUMAR</b>                                        |
| (61) Patent of Addition to Application Number | :NA        | <b>3)SENGUPTA, SUBHRANGSHU</b>                                       |
| Filing Date                                   | :NA        | <b>4)SINGH, NIVEDITA</b>                                             |
| (62) Divisional to Application Number         | :NA        |                                                                      |
| Filing Date                                   | :NA        |                                                                      |

(57) Abstract :

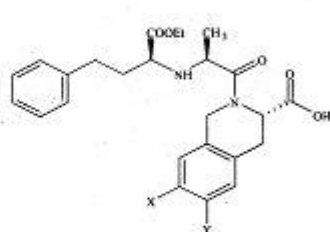
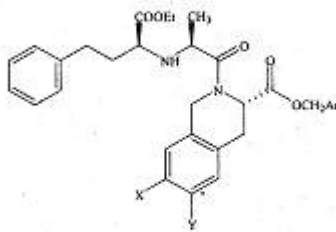
The invention discloses a stable, solid, oral pharmaceutical composition comprising a combination of two incompatible anti-malarial compounds, artesunate and amodiaquine with pharmaceutically acceptable excipients, in the form of tablet-in-tablet, and the process thereof.

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF SUBSTANTIALLY PURE 1,2,3,4- TETRAHYDROISOQUINOLINE-3-CARBOXYLIC ACID DERIVATIVES

|                                               |                           |                                                                                                                                                                                 |
|-----------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D217/00<br>C07D217/26 | (71)Name of Applicant :<br><b>1)SUN PHARMACEUTICAL INDUSTRIES LTD</b><br>Address of Applicant :ACME Plaza, Andheri-Kurla Road, Andheri (E),<br>Mumbai 400 059 Maharashtra India |
| (31) Priority Document No                     | :NA                       | (72)Name of Inventor :                                                                                                                                                          |
| (32) Priority Date                            | :NA                       | <b>1)GIRI,RAJESH LALMANI</b>                                                                                                                                                    |
| (33) Name of priority country                 | :NA                       | <b>2)KAMBHAMPATI,SUDHAKAR</b>                                                                                                                                                   |
| (86) International Application No             | :NA                       | <b>3)CHITTURI TRINADHA RAO</b>                                                                                                                                                  |
| Filing Date                                   | :NA                       | <b>4)THENNATI RAJAMANNAR</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 process for preparation of substantially pure 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid, compound of formula I or its pharmaceutically acceptable salt comprising: a) subjecting compound of formula II or acid addition salt thereof to hydrogenolysis in aqueous medium in the present of an acid; wherein Et represents ethyl group; Ar represents phenyl or substituted phenyl group and X and Y are independently selected from the group consisting of hydrogen, (C $\square$ -C $\square$ )-alkyl or O-(C $\square$ -C $\square$ )-alkyl or X and Y can be linked together to form a cyclic group-O(CH $\square$ ) $n$ -O-, wherein n =1 or 2. b) extracting the product from the reaction mixture with water immiscible organic solvent to form an organic extract. c) isolating the compound of formula I or its solvate as a pharmaceutically acceptable salt thereof.

**Formula I****Formula II**

(54) Title of the invention : AN 1-(HYDROXYMETHYL) CYCLOPROPANE ACETIC ACID, AN INTERMEDIATE OF MONTELUKAST, A LEUCOTRIENE D4 ANTAGONIST INHIBITOR AND ITS DERIVATIVES WITH BETTER YIELD, HIGH PURITY AND IN SHORTER REACTION TIME.

|                                               |             |
|-----------------------------------------------|-------------|
| (51) International classification             | :C07C67/317 |
| (31) Priority Document 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)CENTAUR CHEMICALS PRIVATE LIMITED**  
Address of Applicant :Centaur House, Shantinagar, Vakola, Sanataacruz  
(E), Mumbai 400 055, Maharashtra India  
(72)**Name of Inventor :**  
**1)ANIL MAHADEV NAIK**  
**2)SHIRKANT DATTATRAYA SAWANT**  
**3)SMITA GIRISH KAVISHWAR**

(57) Abstract :

The process for producing 2-[1-(hydroxymethyl)-cyclopropane] acetic acid with steps of: a) reacting 1,1-cyclopropanedimethanol with aldehydes or acetals of aldehydes in solvents or without solvent using acidic catalyst at elevated temperature with azeotropic removal of water to form benzylidene acetal; b) opening of benzylidene acetal with N-halo succinimide or 1,3-dihalo-5, 5-dimethyl hydantoin using radical initiator in solvent at elevated temperature to obtain (halomethyl) cyclopropanemethyl benzoate; and c) conversion of 1-(halomethyl) cyclopropanemethyl benzoate to 1-(benzoyloxymethyl) cyclopropane acetonitrile followed by hydrolysis under alkaline condition to obtain (hydroxymethyl) cyclopropane acetic acid.

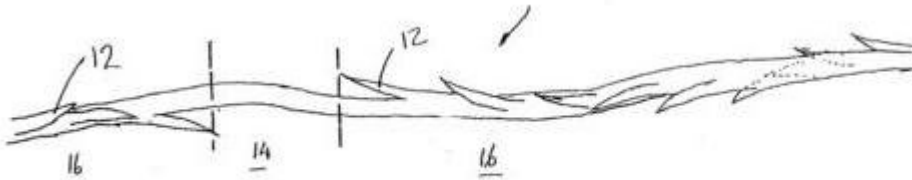


(54) Title of the invention : SURGICAL THREAD

|                                               |                    |                                                                     |
|-----------------------------------------------|--------------------|---------------------------------------------------------------------|
| (51) International classification             | :A61B17/04         | (71) <b>Name of Applicant :</b>                                     |
| (31) Priority Document No                     | :PCT/SG2004/000090 | <b>1)WU, TZE LIANG WOFFLES</b>                                      |
| (32) Priority Date                            | :07/04/2004        | Address of Applicant :13D Jalan Berjaya, Singapore 578627 Singapore |
| (33) Name of priority country                 | :Singapore         | (72) <b>Name of Inventor :</b>                                      |
| (86) International Application No             | :PCT/SG2005/000104 | <b>1)WU, TZE LIANG WOFFLES</b>                                      |
| Filing Date                                   | :31/03/2005        |                                                                     |
| (87) International Publication No             | :WO2005/096956     |                                                                     |
| (61) Patent of Addition to Application Number | :NA                |                                                                     |
| Filing Date                                   | :NA                |                                                                     |
| (62) Divisional to Application Number         | :NA                |                                                                     |
| Filing Date                                   | :NA                |                                                                     |

(57) Abstract :

A surgical thread (10) for plastic surgery operations includes a clear section (14) and multiple sharp projections (12) on either side of the clear section. The clear section is devoid of projections while the projections on both sides of the clear section are inclined toward the clear section. There is also a method of performing plastic surgery operations using this surgical thread which includes threading the thread subcutaneously through tissue and/or muscle and in a manner such that the thread is folded back on itself as a loop or sling. The thread tension is then adjusted from both ends of the thread (22) which extend out of two separate exit points (34, 36) to achieve a desired lift. The projections resist thread pull in the direction of the entry point (30) and the clear section is located at the fold.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1297/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :17/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : GAS BARRIER PET COMPOSITION FOR MONOLAYER BOTTLE AND PROCESS THEREOF

|                                               |                        |                                                                                                                                                                                             |
|-----------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B65D1/00<br>C08G63/00 | (71) <b>Name of Applicant :</b><br><b>1)FUTURA POLYESTERS LIMITED</b><br>Address of Applicant :Paragon Condominium, 3rd floor, Pandurang<br>Budhkar Marg, Mumbai 400 013, Maharashtra India |
| (31) Priority Document No                     | :NA                    | (72) <b>Name of Inventor :</b>                                                                                                                                                              |
| (32) Priority Date                            | :NA                    | <b>1)KULKARNI SANJAY TAMMAJI</b>                                                                                                                                                            |
| (33) Name of priority country                 | :NA                    | <b>2)BISHT HARISH</b>                                                                                                                                                                       |
| (86) International Application No             | :NA                    | <b>3)LAKSHMINARAYANAPURAM RAMASWAMI SUBBARAMAN</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 :

Novel alloy / blends barrier resins consisting of a composition of Polyethylene Terephthalate (PET) and Polytrimethylene Naphthalate (PTN) or PET and Polybutylene Naphthalate (PBN) exclusively for packaging beverages like beer in a monolayer bottle outperforming the existing other barrier multi-layer bottles is described. The alloy / blends if PET/PTN and PET/PBN are produced by using in situ polymerization or melt blending the two polymers or compounding the two polymers to get the PTN and PBN in a PET polymer matrix. The composition of PET alloy/ blends with PTN and PBN additionally contains other barrier improving additives. Incorporating a suitable oxygen scavenger in these new alloy / blends and converting to a stretch blow molded bottle, with or without heat setting, allow this monolayer bottle to be tunnel pasteurized for protecting beverages like beer filled at specific gas pressure to its maximum shelf life of >180 days keeping under control both oxygen ingress and carbon dioxide egress. The recyclability of used bottles into bottles, fibres strappings has been established.

(54) Title of the invention : METHOD AND APPARATUS FOR IMPLEMENTING AUTOMATIC DETECTION OF METER CONNECTION AND TRANSFER OF DATA

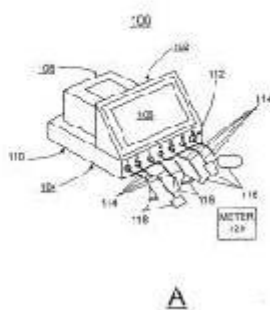
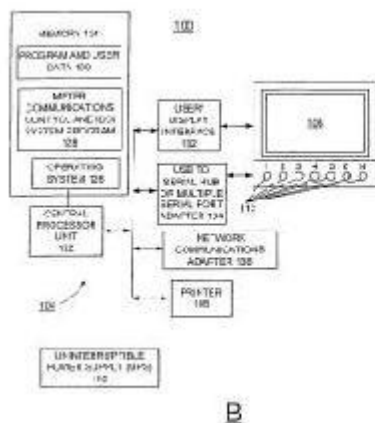
|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :G06F19/00       |
| (31) Priority Document No                     | :60/571,096      |
| (32) Priority Date                            | :14/05/2004      |
| (33) Name of priority country                 | :U.S.A.          |
| (86) International Application No             | :PCT/US05/016897 |
| Filing Date                                   | :13/05/2005      |
| (87) International Publication No             | :WO2005/114535A2 |
| (61) Patent of Addition to Application Number | :NA              |
| Filing Date                                   | :NA              |
| (62) Divisional to Application Number         | :NA              |
| Filing Date                                   | :NA              |

(71)Name of Applicant :  
**1)BAYER HEALTHCARE LLC**  
 Address of Applicant :555 WHITE PLAINS ROAD, TARRYTOWN,  
 NY 10591, U.S.A.  
 (72)Name of Inventor :  
**1)BRIAN C. THOMPSON**

---

(57) Abstract :

A method and apparatus are provided for implementing data management with a data collection computer system to aid analysis and treatment. A serial port is monitored to detect the connection of a meter. When a meter connection is identified, patient data is automatically downloaded from the meter to the data collection computer system. Then the patient data or one or more selected reports generated from the patient data are printed. The patient data is downloaded from the meter and printed, with no user intervention required. Reports to be generated and printed are selected in a setup mode and stored. After the patient data is downloaded from the meter, communication with the meter is continued until either the meter is turned off, the cable is disconnected, or the meter automatically shuts itself off after a specific amount of inactivity.

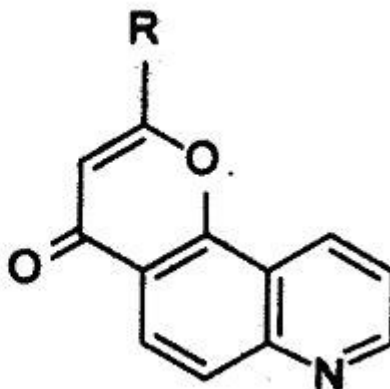
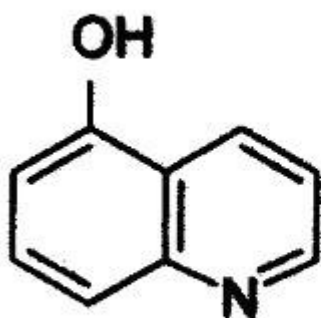


(54) Title of the invention : SIMPLIFIED PROCESS FOR THE MANUFACTURE OF 5-HYDROXY QUINOLINE

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :C07D487/00 | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :NA         | <b>1)MAHAJAN VINAYAK YASHAWANT</b>                      |
| (32) Priority Date                            | :NA         | Address of Applicant :A-104, REGENCY AVENUE, MURBAD     |
| (33) Name of priority country                 | :NA         | ROAD, SYNDICATE, KALYAN-421 304 DIST THANE, Maharashtra |
| (86) International Application No             | :NA         | India                                                   |
| Filing Date                                   | :NA         | (72)Name of Inventor :                                  |
| (87) International Publication No             | : NA        | <b>1)MULAY PRAKASH R.</b>                               |
| (61) Patent of Addition to Application Number | :NA         | <b>2)MAHAJAN VINAYAK Y.</b>                             |
| Filing Date                                   | :NA         | <b>3)NALADKAR DEEPAK R.</b>                             |
| (62) Divisional to Application Number         | :NA         | <b>4)KULKARNI SUHAS R.</b>                              |
| Filing Date                                   | :NA         |                                                         |

(57) Abstract :

The invention describes the convenient method for synthesis of 5-hydroxy quinoline as represented by formula A, under milder conditions. The synthesis scheme starts with the quinoline and reaches to 5/hydroxy quinoline through various reactions like nitration of nitroquinoline isomer mixtures and the Bucherer reaction with the separated 5-aminoquinoline. The 5-hydroxy quinoline thus obtained is already reported to be a valuable antioxidant as well as an intermediate for the beta blocking agents. Besides this there seems to be good potential for this molecule being used as a starting compound for synthesizing other oxygen containing heterocycles belonging to the class of pyranoquinolines especially containing Y-pyrone represented by formula B.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.131/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :08/02/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A PROCESS OF STORING HYDROGEN

(51) International classification

:F17C7/00  
B01J23/89

(31) Priority Document 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)PATEL PHIROZE HORMUSJI**

Address of Applicant :MALEGAMWALA BUILDING NO. 1, 1ST  
FLOOR, FLAT NO.4, CHOTANI ROAD, MAHIM, MUMBAI 400 016,  
Maharashtra India

(72)Name of Inventor :

**1)PATEL PHIROZE HORMUSJI**

(57) Abstract :

The present invention relates to a method for storing hydrogen, using a multi-jacketed insulated cylinder, comprising of a carbonaceous material with bulk density ranging from 0.04 gm/cc to 0.3 gm/cc, exposing said carbonaceous material to pressures from 100 to 200 bar, cooling the contents therein at cryogenic temperature ranging from 76K to 20K.

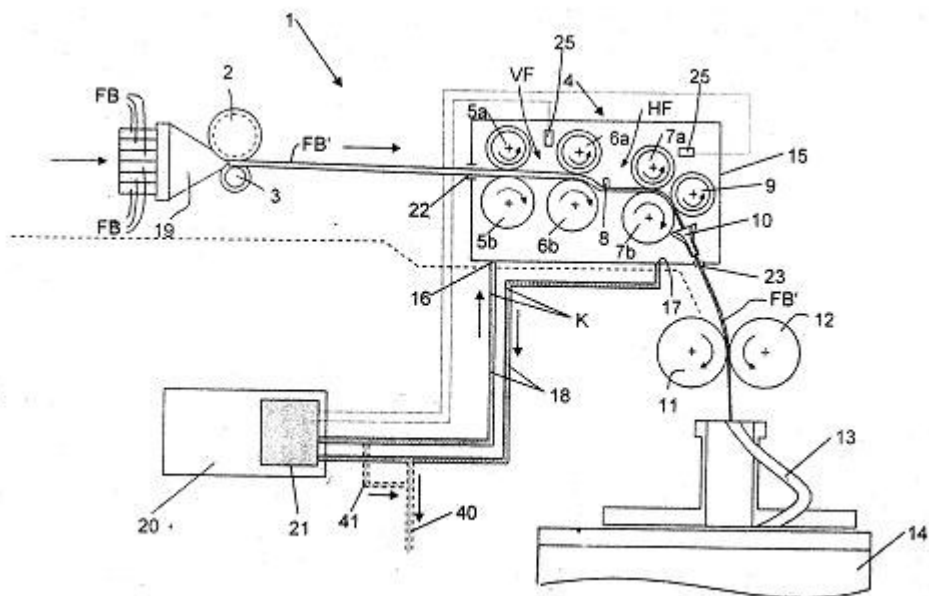
(54) Title of the invention : SPINNING PREPARATORY MACHINE AND A HOUSING FOR A DRAFTING ASSEMBLY OF A SPINNING PREPARATORY MACHINE

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :D01G21/00      |
| (31) Priority Document No                     | :102004052177.8 |
| (32) Priority Date                            | :27/10/2004     |
| (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)RIETER INGOLSTADT SPINNEREIMASCHINENBAU AG**  
 Address of Applicant :FRIEDRICH-EBERT-STRASSE. 84, 85055  
 INGOLSTADT, Germany  
 (72)Name of Inventor :  
**1)CHOKRI CHERIF**

(57) Abstract :

The present invention concerns a spinning preparatory machine (1) operation, in particular for a drafting or a carding machine, with said drafting assembly (4) encompassing multiple roll pairs (5, 6, 7) by which a fiber band (FB') can be drafted. The roll pairs (5, 6, 7) posses, in accord with this invention, upper rolls (5a, 6a, 7a) and under rolls (5b, 6b, 7b). Further, the invention concerns a housing (15) for the draft system (4) of the said preparatory machine (1). In accord with the invention, the roll pairs (5, 6, 7) are installed in the housing (15), wherein said roll pairs are protected from ambient atmospheric conditions about the said preparatory machine (1) and from components thereof. A temperature controller (20) functions with the said housing (15) to bring about internally a desired operational temperature, which is independent of temperature external to the housing (15).



(54) Title of the invention : METHOD AND SYSTEM FOR CAPTURING AND SUPPORTING 3-D CONTOUR

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01B7/28          |
| (31) Priority Document No                     | :60/479,386        |
| (32) Priority Date                            | :18/06/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/019328 |
| Filing Date                                   | :18/06/2004        |
| (87) International Publication No             | :WO2004/113823A3   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)AMFIT, INC.**

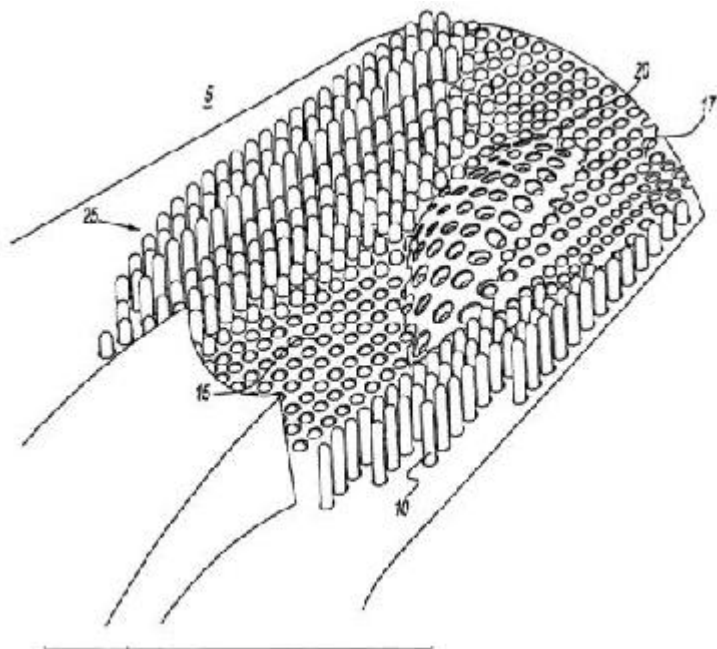
Address of Applicant :5408 NE 88th Street, D-406, Vancouver, WA 98665-0989, U.S.A.

(72)Name of Inventor :

**1)TADIN, Tony**

(57) Abstract :

A three-dimensional (3-D) capture method and system having a 3-D contour capture device (5) for capturing a surface contour of an object, a contoured support device (20) for placing between the surface and the 3-D contour capture device that provides additional support to at least a portion of the surface, wherein a first contour captured (25) by the 3-D contour capture device is modified based on a second contour captured support device placed between the surface and the 3-D contour capture device to provide a resultant 3-D contour.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1327/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :21/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL IMPROVED COMPOSITIONS FOR CANCER THERAPY

|                                               |                      |                                                                                                                                                                                            |
|-----------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K45/00,A61P35/00 | (71) <b>Name of Applicant :</b><br><b>1)PANACEA BIOTEC LIMITED</b><br>Address of Applicant :104, SAMARPAN COMPLEX, NEW-LINK<br>ROAD, CHAKALA, ANDHERI (E), MUMBAI-400099 Maharashtra India |
| (31) Priority Document No                     | :NA                  | (72) <b>Name of Inventor :</b>                                                                                                                                                             |
| (32) Priority Date                            | :NA                  | <b>1)SINGH, AMARJIT</b>                                                                                                                                                                    |
| (33) Name of priority country                 | :NA                  | <b>2)SINGH, SARABJIT</b>                                                                                                                                                                   |
| (86) International Application No             | :NA                  | <b>3)GUPTA, AJAY, K.</b>                                                                                                                                                                   |
| Filing Date                                   | :NA                  | <b>4)KULKARNI, MANGESH 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 :

The present invention relates to novel and improved compositions of anticancer drugs, preferably taxanes, such as paclitaxel and docetaxel, their derivatives or their analogues, methods of manufacturing these compositions and methods of fractionating the particles in particular size range and methods of treating cancer patients with these compositions, which provide reduced chemotherapy-induced side-effects especially reduced chemotherapy-induced alopecia. The composition is such that there is substantially no free drug in the said composition.



(54) Title of the invention : FIXING MECHANISM OF A VEHICLE CUSHION

|                                               |             |                                                                |
|-----------------------------------------------|-------------|----------------------------------------------------------------|
| (51) International classification             | :B62J1/08   | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :93134266   | <b>1)SANYANG INDUSTRY CO. LTD.</b>                             |
| (32) Priority Date                            | :10/11/2004 | Address of Applicant :NO.184,Keng Tzu Kou, Shang Keng Village, |
| (33) Name of priority country                 | :Taiwan     | Hsin Fong Shiang, Hsinchu County, Taiwan 304, Taiwan           |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :NA         | <b>1)HSING-YI LIN</b>                                          |
| (87) International Publication No             | : NA        | <b>2)WEN-YUNG WU</b>                                           |
| (61) Patent of Addition to Application Number | :NA         | <b>3)WEI-HAN KUO</b>                                           |
| Filing Date                                   | :NA         |                                                                |
| (62) Divisional to Application Number         | :NA         |                                                                |
| Filing Date                                   | :NA         |                                                                |

(57) Abstract :

A fixing mechanism of a vehicle cushion comprises a bottom surface. The bottom surface comprises a suspending portion for receiving a padlock and a fixing portion for fixing the padlock. A space between the suspending portion and the bottom surface is greater than the padlock. The padlock is installed on the bottom surface via the fixing mechanism to avoid the padlock missing or the padlock colliding with the vehicle.

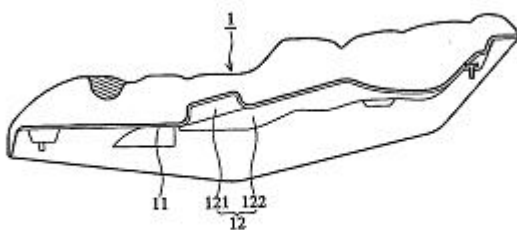


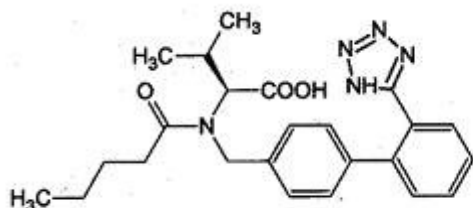
FIG. 1 (RELATED ART)

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF (S)- N-(1-CARBOXY-2-METHYL-PROP-1-YL)-N-PENTANOYL-N-[2'-(1H-TETRAZOL-5-YL)BIPHENYL-4-YLMETHYL]-AMINE

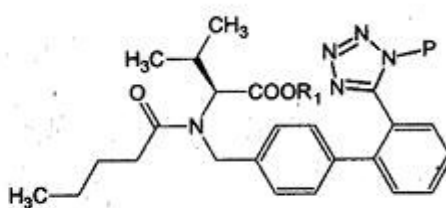
|                                               |            |                                                                  |
|-----------------------------------------------|------------|------------------------------------------------------------------|
| (51) International classification             | :C07C31/00 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :NA        | <b>1)ALEMBIC LIMITED</b>                                         |
| (32) Priority Date                            | :NA        | Address of Applicant :Alembic Campus, Alembic Road, Vadodara-390 |
| (33) Name of priority country                 | :NA        | 003 Gujarat India                                                |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA        | <b>1)DESHPANDE PANDURANG BALWANT</b>                             |
| (87) International Publication No             | :NIL       | <b>2)PANDEY ANAND KUMAR</b>                                      |
| (61) Patent of Addition to Application Number | :NA        | <b>3)LUTHRA PARVEN KUMAR</b>                                     |
| Filing Date                                   | :NA        |                                                                  |
| (62) Divisional to Application Number         | :NA        |                                                                  |
| Filing Date                                   | :NA        |                                                                  |

## (57) Abstract :

The present invention relates to improved process for hydrolysis of N-[(2'-(1H-Tetrazol-5-yl)biphenyl-4-yl)methyl]-N-valeryl-(L)-valine ester derivative of formula (II), henceforth referred as "Valsartan ester derivative", which is penultimate intermediate for the preparation of Valsartan of formula (I), chemically known as (S)-N-(1-Carboxy-2-methyl-prop-1-yl)-N-[2'-(1H-tetrazol-5-yl)biphenyl-4-ylmethyl]-amine, Wherein R1 represents C1-C6 alkyl selected from methyl, ethyl, n-propyl, iso-propyl, n-butyl, tert-butyl or 2-methyl-propyl; substituted or unsubstituted phenyl group or like and P is hydrogen or a tetrazole protecting group.



Formula (I)



Formula (II)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1340/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :25/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : JUTE FIBRE AND A METHOD OF PRODUCING THE SAME

|                                               |           |                                                                  |
|-----------------------------------------------|-----------|------------------------------------------------------------------|
| (51) International classification             | :D06B1/00 | (71) <b>Name of Applicant :</b>                                  |
| (31) Priority Document No                     | :NA       | <b>1)THE ARVIND MILLS LTD</b>                                    |
| (32) Priority Date                            | :NA       | Address of Applicant :Naroda Road, Ahmedabad - 3801 025, Gujarat |
| (33) Name of priority country                 | :NA       | India                                                            |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                                   |
| Filing Date                                   | :NA       | <b>1)SACHIN KULKARNI</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 producing jute fibers comprising steps of: scouring raw for improving absorbency and fibrillation; bleaching scoured jute for improving fibrillation and whiteness of the fibrillated jute fiber, followed by reductive treatment, neutralization; treating with the surface softener for 30 to 60 minutes; hydro extracting and drying of the fibrillated jute; opening the fibers from the fibrillated jute; spraying water emulsion of surface and internal softeners on the jute fibres; and steaming the sprayed jute fibres in a steam chamber thereby producing soft, flexible and spinnable fine jute fibres.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1343/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :25/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR BIO-OXIDATIVE DESULFURIZATION OF LIQUID HYDROCARBON FUELS AND PRODUCT THEREOF

|                                               |             |                                                                                                                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07C271/00 | (71)Name of Applicant :<br><b>1)INDIAN OIL CORPORATION LIMITED</b><br>Address of Applicant :G-9, Ali Yavar Jung Marg, Bandra (East),<br>Mumbai Maharashtra India |
| (31) Priority Document No                     | :NA         | (72)Name of Inventor :                                                                                                                                           |
| (32) Priority Date                            | :NA         | <b>1)SINGH MAHENDRA PRATAP</b>                                                                                                                                   |
| (33) Name of priority country                 | :NA         | <b>2)KUMAR MANOJ</b>                                                                                                                                             |
| (86) International Application No             | :NA         | <b>3)KALSI WADHAVA RAM</b>                                                                                                                                       |
| Filing Date                                   | :NA         | <b>4)PULIKOTIL ALEX CHERU</b>                                                                                                                                    |
| (87) International Publication No             | : NA        | <b>5)SARIN RAKESH</b>                                                                                                                                            |
| (61) Patent of Addition to Application Number | :NA         | <b>6)TULI DEEPAK KUMAR</b>                                                                                                                                       |
| Filing Date                                   | :NA         | <b>7)MALHOTRA RAVINDER KUMAR</b>                                                                                                                                 |
| (62) Divisional to Application Number         | :NA         | <b>8)VERMA RAM PRAKASH</b>                                                                                                                                       |
| Filing Date                                   | :NA         | <b>9)BANSAL BRIJ MOHAN</b>                                                                                                                                       |

(57) Abstract :

Disclosed herein is a method for producing ultra-low-sulfur content hydrocarbon fuel and product thereof. The method comprises selective biocatalytic oxidation of sulfur containing compounds present in the fuels employing enzyme lipase as biocatalyst in presence of controlled and incremental amount of hydrogen peroxide and carboxylic acid without using water or any co-factor for the reactivity of said enzymes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1344/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :25/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL POLYMORPHIC FORMS OF (S)-(-)-2-AMINO-6(N-PROPYLAMINO)-4,5,6,7-TETRAHYDROBENZOTHAZOLE

|                                               |            |                                                               |
|-----------------------------------------------|------------|---------------------------------------------------------------|
| (51) International classification             | :C07271/00 | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :NA        | <b>1)ALEMBIC LIMITED</b>                                      |
| (32) Priority Date                            | :NA        | Address of Applicant :Alembic Campus, Alembic Road, Vadodara, |
| (33) Name of priority country                 | :NA        | Gujarat India                                                 |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :NA        | <b>1)DESHPANDE PANDURANG BALWANT</b>                          |
| (87) International Publication No             | : NA       | <b>2)PANDEY ANAND KUMAR</b>                                   |
| (61) Patent of Addition to Application Number | :NA        | <b>3)VASOYA SANJAY LAKHABHA</b>                               |
| Filing Date                                   | :NA        | <b>4)VAGHASIA PIYUSH MANSUKHBHAI</b>                          |
| (62) Divisional to Application Number         | :NA        | <b>5)SONI KAMLESH SANMUKHBHAI</b>                             |
| Filing Date                                   | :NA        |                                                               |

(57) Abstract :

The present invention relates to novel polymorphic forms of (S)-(-)-2- Amino-6-(n-propylamino)-4,5,6,7,-tetrahydrobenzothiazole designated as form I, II, III AND IV and its process for preparation.

(54) Title of the invention : METHOD AND APPARATUS FOR VAPORIZING A STERILANT FLUID USING MICROWAVE ENERGY

(51) International classification :A61L 2/00  
 (31) Priority Document No :10/848,186  
 (32) Priority Date :18/05/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/007795  
 Filing Date :10/03/2005  
 (87) International Publication No :WO2005/118001A2  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

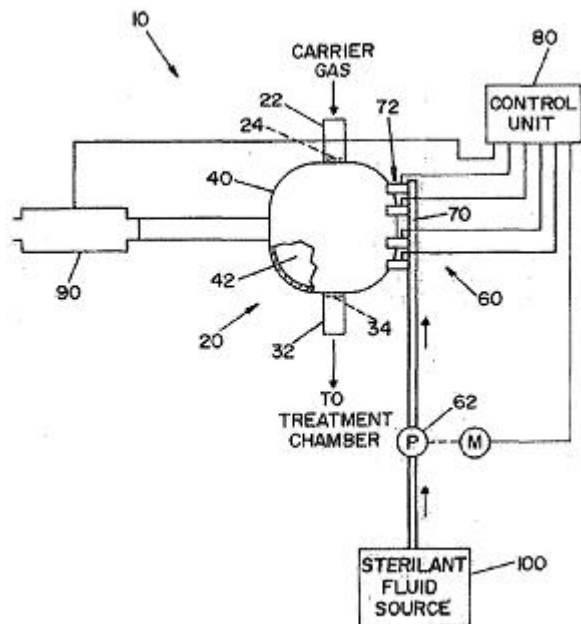
**1)American Sterilizer Company**Address of Applicant :5960 Heisley Road, Mentor, Ohio 44060-1834  
U.S.A.

(72)Name of Inventor :

**1)Voyten, Stanley. M****2)Bacik, Michael, A****3)Adams, Peter R.****4)Centanni, Michael A**

(57) Abstract :

A method and apparatus for vaporizing a sterilant fluid using microwave energy. A sterilant fluid is atomized to produce a spray, mist or fog of sterilant fluid. The atomized sterilant fluid is then exposed to microwave energy produced by a microwave generator. Molecules of at least one chemical component of the sterilant fluid rotate in response to exposure to the microwave energy, thereby vaporizing the sterilant fluid.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1356/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :28/10/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPOSITION AND PROCESS FOR MANUFACTURING IBUPROFEN FORMULATION AND ITS GELATIN CAPSULE

|                                               |           |                                                             |
|-----------------------------------------------|-----------|-------------------------------------------------------------|
| (51) International classification             | :A61K9/48 | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :NA       | <b>1)MARKSANS PHARMA LTD.</b>                               |
| (32) Priority Date                            | :NA       | Address of Applicant :601-622, 6TH fLOOR, CHINTAMANI PLAZA, |
| (33) Name of priority country                 | :NA       | MOHAN STUDIO COMPOUND, ANDHERI-KURLA ROAD, ANDHERI          |
| (86) International Application No             | :NA       | (E), MUMBAI 400 099, Maharashtra India                      |
| Filing Date                                   | :NA       | (72) <b>Name of Inventor :</b>                              |
| (87) International Publication No             | : NA      | <b>1)ANU VRAT SHARMA</b>                                    |
| (61) Patent of Addition to Application Number | :NA       |                                                             |
| Filing Date                                   | :NA       |                                                             |
| (62) Divisional to Application Number         | :NA       |                                                             |
| Filing Date                                   | :NA       |                                                             |

(57) Abstract :

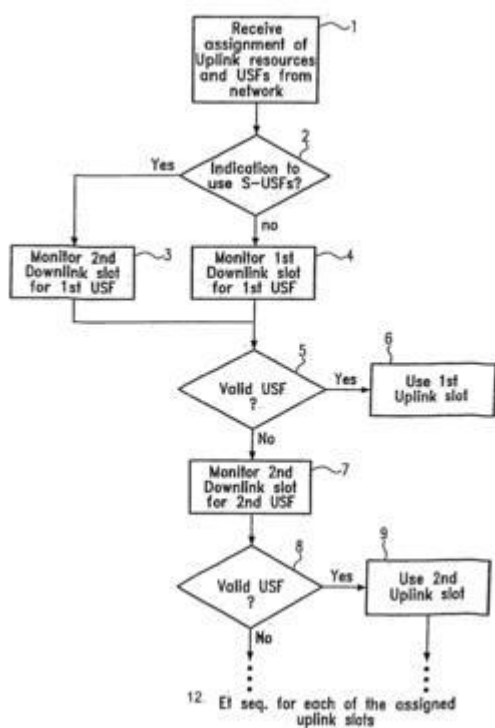
The present invention relates to ibuprofen formulation having uniformity of dose which is easy to swallow during oral administration and is suitable for easy filling in gelatin capsule, comprises ibuprofen in a solubilized, free flowing and clear liquid form, and solvent, solubilizer, co-solvent, surfactant and alkaline base.

(54) Title of the invention : EXTENDED DYNAMIC RESOURCE ALLOCATION FOR PACKET DATA TRANSFER

|                                               |                    |                                                                             |
|-----------------------------------------------|--------------------|-----------------------------------------------------------------------------|
| (51) International classification             | :H04Q7/38          | (71) <b>Name of Applicant :</b>                                             |
| (31) Priority Document No                     | :0314093.6         | <b>1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.</b>                           |
| (32) Priority Date                            | :18/06/2003        | Address of Applicant :1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501, Japan |
| (33) Name of priority country                 | :U.K.              | (72) <b>Name of Inventor :</b>                                              |
| (86) International Application No             | :PCT/JP2004/002305 | <b>1)BEARD, Timothy Giles</b>                                               |
| Filing Date                                   | :26/02/2004        | <b>2)COOPER, David Edward</b>                                               |
| (87) International Publication No             | :WO/2004/114710A1  |                                                                             |
| (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 control of packet data transmissions in a TDMA wireless network to provide for additional choices in the allocation of communication channels. The fixed relationship in the timing of the downlink allocation signalling and subsequent uplink transmission is altered for certain classes of mobile station to avoid physical constraints. Examples of variations in USF signalling in GPRS are given.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1373/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :07/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : LIQUID BLEACHING COMPOSITION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C11D3/39          |
| (31) Priority Document No                     | :0313246.1         |
| (32) Priority Date                            | :09/06/2003        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/EP2004/005499 |
| Filing Date                                   | :21/05/2004        |
| (87) International Publication No             | :WO2004/111173A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)HINDUSTAN LEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166  
BACKBAY RECLAMATION, MUMBAI 400 020 Maharashtra India

(72)**Name of Inventor :**

**1)OUWENDIJK-VRIJENHOEK MAARTJE**

**2)SONMEZER DERDIYOK**

**3)VEERMAN SIMON MARINUS**

(57) Abstract :

The present invention concerns the preservation of a catalyst in a bleaching composition whilst facilitating activation of the catalyst. The bleaching composition is substantially devoid of a peroxygen bleach or a peroxy-based or peroxy-generating bleach system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1381/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :12/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : LAUNDRY TREATMENT COMPOSITIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C11D3/22          |
| (31) Priority Document No                     | :0313900.3         |
| (32) Priority Date                            | :16/06/2003        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/EP2004/005275 |
| Filing Date                                   | :17/05/2004        |
| (87) International Publication No             | :WO2004/111169A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)HINDUSTAN LEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE 165/166,  
BACKBAY RECLAMATION, MUMBAI 400020, Maharashtra India

(72)**Name of Inventor :**

**1)CARVELL MELVIN**

**2)FINDLAY PAUL HUGH**

**3)JONES CHRISTOPHER CLARKSON**

**4)UNALI GIOVANNI FRANCESCO**

(57) Abstract :

A water-soluble or dispersible, hydrolytically stable polysaccharide preferably selected from the group consisting of poly-glucan, poly-mannan, gluco-mannan and mixtures thereof. Which is covalently linked by a hydrolytically stable bond to a first polymeric textile softening species (typically a silicone) and optionally emulsified with a second polymeric textile softening species. The specification also discloses laundry treatment composition comprising these compositions.

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING A WORKSTATION OF A TEXTILE MACHINE PRODUCING CROSS WOUND BOBBINS

(51) International classification :B65H69/06  
 (31) Priority Document No :102005001094.6  
 (32) Priority Date :08/01/2005  
 (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)SAURER GMBH & CO., KG.**

Address of Applicant :LANDGRAFENSTRASSE 45, D - 41069, MONCHENGLADBACH. Germany

(72)Name of Inventor :

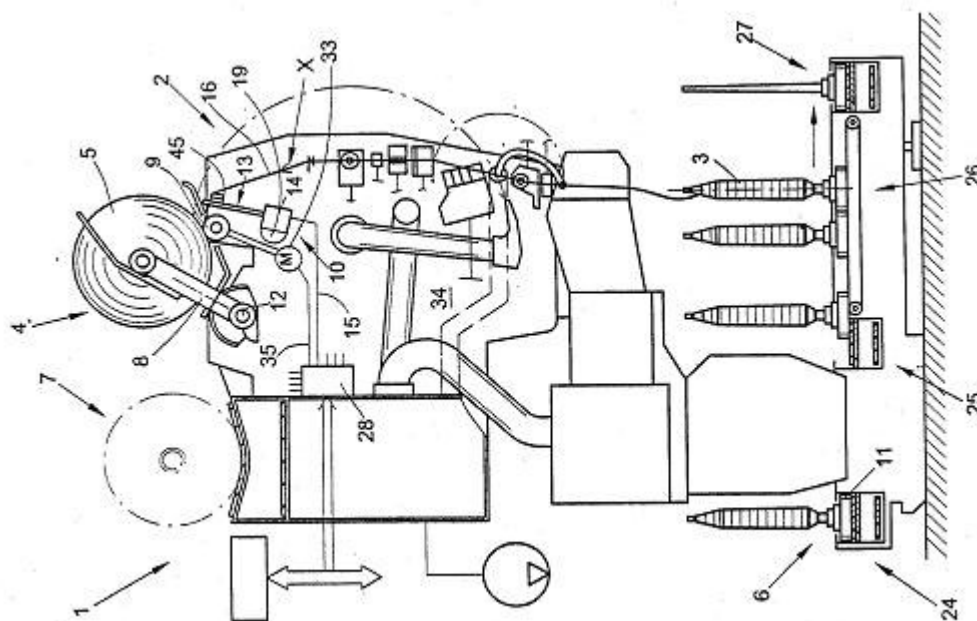
**1)ALEXANDER MARX**

**2)JOCHEN CUPPERS**

**3)FRANZ-JOSEF FLAMM**

(57) Abstract :

Method for operating a workstation of a textile machine producing cross-wound bobbins, comprising a reel for holding a relatable wind-on bobbin, a thread traversing mechanism, which is driven by a single motor, and a sensor element which can be calibrated and supplies a measured value that is proportional to the position of the thread guide, characterized in that a proper operating mode of the sensor element (19) is ensured in that an adjustment takes place between measured values supplied by the sensor element (19) and defined positions of the thread guide (13), at predeterminable time intervals and/or in relation to events.



## (54) Title of the invention : MOLD TABLE SENSING AND AUTOMATION SYSTEM

(51) International classification :B22D11/18  
 (31) Priority Document No :10/461,075  
 (32) Priority Date :13/06/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/018530  
 Filing Date :09/06/2004  
 (87) International Publication No :WO2004/112991A2  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

**1)WAGSTAFF, INC.**

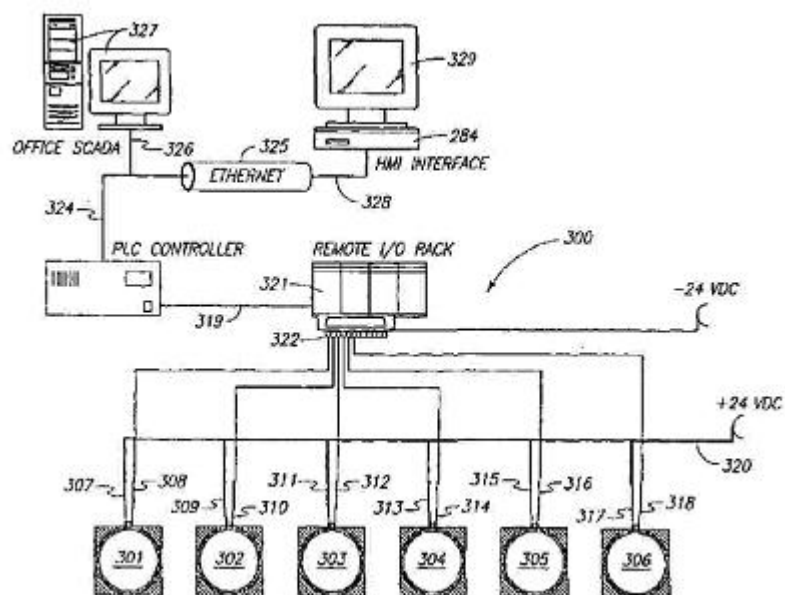
Address of Applicant :3910 NORTH FLORA ROAD, SPOKANE, WA 99216 U.S.A.

## (72)Name of Inventor :

**1)ANDERSEN MICHAEL K****2)FLETCHER ROBERT L**

## (57) Abstract :

A molten metal sensing and automation system for use with or in a metal casting mold. Aspects of the invention include a molten metal automation system which may include a bleedout detection system which provides an automated response, and an automated system for the preparation of the starting blocks for casting.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1389/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :08/11/2005

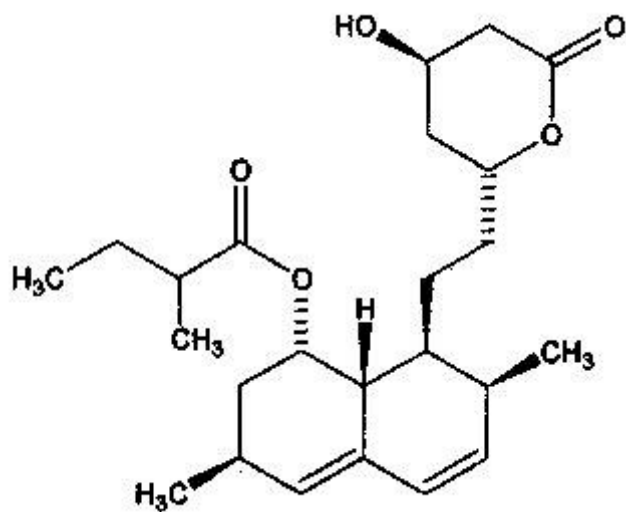
(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR PREPARATION AND PURIFICATION OF LOVASTATIN

|                                               |             |                                                     |
|-----------------------------------------------|-------------|-----------------------------------------------------|
| (51) International classification             | :A61K31/366 | (71)Name of Applicant :                             |
| (31) Priority Document No                     | :NA         | <b>1)ALEMBIC LIMITED</b>                            |
| (32) Priority Date                            | :NA         | Address of Applicant :ALEMBIC CAMPUS, ALEMBIC ROAD, |
| (33) Name of priority country                 | :NA         | VADODARA-390 003 Gujarat India                      |
| (86) International Application No             | :NA         | (72)Name of Inventor :                              |
| Filing Date                                   | :NA         | <b>1)SINGH JASWINDERJIT</b>                         |
| (87) International Publication No             | : NA        | <b>2)PATEL BHAVESH</b>                              |
| (61) Patent of Addition to Application Number | :NA         | <b>3)PATEL CHETAN</b>                               |
| Filing Date                                   | :NA         |                                                     |
| (62) Divisional to Application Number         | :NA         |                                                     |
| Filing Date                                   | :NA         |                                                     |

(57) Abstract :

The present invention relates to improved process for preparing Lovastatin of formula (I).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1390/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :08/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : ROVING FRAME FOR FORMATION AND DELIVERY OF ROVING BOBBINS

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :D01H9/04   | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :4380244.6  | <b>1)JUAN ROVIRA TRIAS</b>                              |
| (32) Priority Date                            | :01/12/2004 | Address of Applicant :08569-SANT MARTI SESCORTS(SPAIN)- |
| (33) Name of priority country                 | :Spain      | CAN JOIETS/N, Spain                                     |
| (86) International Application No             | :NA         | <b>2)ESTER ROVIRA LATORE</b>                            |
| Filing Date                                   | :NA         | <b>3)MIREIA ROVIRA CAMPDELACREU</b>                     |
| (87) International Publication No             | : NA        | (72) <b>Name of Inventor :</b>                          |
| (61) Patent of Addition to Application Number | :NA         | <b>1)ESTER ROVIRA LATORRE</b>                           |
| Filing Date                                   | :NA         |                                                         |
| (62) Divisional to Application Number         | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |

(57) Abstract :

This roving frame comprises: a movable bedplate (1) made up of several bedplate sections (3) aligned horizontally and provided with means (10, 11) for controlling their horizontal position, means (29) for the suspended support of the overhead conveyor (19) responsible for carrying out the collection of the roving bobbins (17) and the delivery of the empty tubes (18), sensors (30) for the detection of possible upward movements of the overhead conveyor (19) during the change of roving bobbins (17) for empty tubes (18), sensors (21) for automatically verifying the correct position of the roving bobbins (17) and of the empty tubes (18) during doffing change, and a .cooling circuit (35, 36) projecting the air coming from the pneumatic cleaning circuit (31) toward the members to be cooled.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1400/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :16/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : LAUNDRY TREATMENT COMPOSITIONS

|                                               |                    |                                                               |
|-----------------------------------------------|--------------------|---------------------------------------------------------------|
| (51) International classification             | :C11D3/40          | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :0314210.6         | <b>1)HINDUSTAN LEVER LIMITED</b>                              |
| (32) Priority Date                            | :18/06/2003        | Address of Applicant :Hindustan Lever House, 165-166, Backbay |
| (33) Name of priority country                 | :U.K.              | Reclamation,Mumbai 400 020 Maharashtra India                  |
| (86) International Application No             | :PCT/EP2004/006087 | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :04/06/2004        | <b>1)BATCHELOR STEPHEN NORMAN</b>                             |
| (87) International Publication No             | :WO2005/003275A1   | <b>2)DIXON SARAH</b>                                          |
| (61) Patent of Addition to Application Number | :NA                |                                                               |
| Filing Date                                   | :NA                |                                                               |
| (62) Divisional to Application Number         | :NA                |                                                               |
| Filing Date                                   | :NA                |                                                               |

(57) Abstract :

A laundry treatment composition which comprises a surfactant and from 0.0001 to 0.02 wt% of a photostable acid dye which has a substantivity to non-mercerised cotton in a standard test of at least 8% but has a substantivity to nylon of less than 5%, wherein the standard test involves a solution of dye being prepared such that the solution has (i) an optical density of 1 (5 cm pathlength) at the maximum absorption of the dye in the visible wavelengths, (ii) a sodium lauryl alkyl benzene sulphonate surfactant concentration of 0.3 g/l, (iii) inorganic non-surfactant salt concentration of 1.1 g/l, (iv) under wash conditions of a liquor to cloth ratio of 45:1, temperature of 20°C, soak times of 45 minutes, and an agitation time of 10 minutes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1403/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :09/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A DISPOSABLE FILTER MEANS FOR SMOKING

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :A24F7/04   | (71) <b>Name of Applicant :</b>                                    |
| (31) Priority Document No                     | :2487706    | <b>1)PIPARETTE PTY.LTD</b>                                         |
| (32) Priority Date                            | :12/11/2005 | Address of Applicant :8 Ocean Court, Shelly Beach, Sunshine Coast, |
| (33) Name of priority country                 | :Australia  | 4551, Queensland, Australia                                        |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                     |
| Filing Date                                   | :NA         | <b>1)STEFAN BERNHARD KOLLASCH</b>                                  |
| (87) International Publication No             | :NA         | <b>2)BRADLEY DONALD TEYS</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 to a disposable shank trap for use with a pipe to filter smoke from the burning chamber. The shank trap can include or be associated with other filters to further filter smoke. The advantage of the shank trap is that it can be easily replaced, avoid problems with the cleaning of the pipe, provide efficient filtering of the smoke and efficient usage of the tobacco.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1409/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :10/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AN APPARATUS, FOR COMPOSING WORDS IN ENGLISH AND INDIAN LANGUAGES

|                                               |           |                                                    |
|-----------------------------------------------|-----------|----------------------------------------------------|
| (51) International classification             | :A63F9/00 | (71) <b>Name of Applicant :</b>                    |
| (31) Priority Document No                     | :NA       | <b>1)SQUBIT GAMES PRIVATE LIMITED</b>              |
| (32) Priority Date                            | :NA       | Address of Applicant :1/302, ARVIND NAGAR, KALINA, |
| (33) Name of priority country                 | :NA       | SANTACRUZ(E), MUMBAI-400 029, Maharashtra India    |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                     |
| Filing Date                                   | :NA       | <b>1)MAKHIJA SHYAM</b>                             |
| (87) International Publication No             | :NA       | <b>2)SUNDARARAJAN KUMAR</b>                        |
| (61) Patent of Addition to Application Number | :NA       | <b>3)WHITEHEAD GREIG</b>                           |
| Filing Date                                   | :NA       |                                                    |
| (62) Divisional to Application Number         | :NA       |                                                    |
| Filing Date                                   | :NA       |                                                    |

(57) Abstract :

An apparatus for education in composing words from alphabetical letters in English and some Indian languages comprising a board, simple tiles and composite tiles. These composite tiles are useful to add on vowel form signs to any basic letter in Indian languages. The method of writhing hybrid spelling of English words with English consonants and Indian vowels taught in this invention would be a great help in teaching pronunciation of English words to the students of Indian languages.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1431/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :26/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : BIOLOGICALLY ACTIVE PEPTIDE COMPRISING TYROSYL-SERYL-VALINE(YSV)

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :C07K5/08          | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :60/483,272        | <b>1)CMS PEPTIDES PATENT HOLDING COMPANY LIMITED</b>      |
| (32) Priority Date                            | :26/06/2003        | Address of Applicant :TRIDENT CHAMBERS, P.O BOX.146, ROAD |
| (33) Name of priority country                 | :U.S.A.            | TOWN, TORTOLA, British Virginia                           |
| (86) International Application No             | :PCT/GB2004/002678 | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :22/06/2004        | <b>1)WONG WAI MING</b>                                    |
| (87) International Publication No             | :WO/2005/000874    | <b>2)LIN GANG</b>                                         |
| (61) Patent of Addition to Application Number | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |
| (62) Divisional to Application Number         | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |

(57) Abstract :

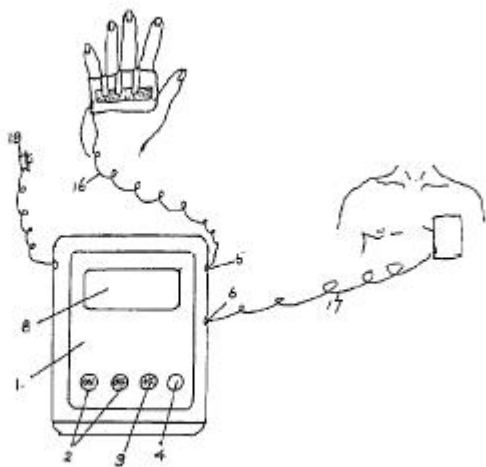
The tripeptide Tyrosyl-seryl-valine is disclosed with its use as a pharmaceutical composition. A method is also disclosed making a pharmaceutical composition comprising providing the tripeptide Tyrosyl-seryl-valine and mixing said tripeptide with a pharmaceutical acceptable carrier.

(54) Title of the invention : A MEDICAL EQUIPMENT FOR CORONARY ARTERY DISEASE

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :A61N5/06          | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :200410015434.5    | <b>1)CEN HUIHONG</b>                                  |
| (32) Priority Date                            | :24/02/2004        | Address of Applicant :ROOM NO 709, NO 99 RD, XHENGMIN |
| (33) Name of priority country                 | :China             | SANYUANIL, GUANGZHOU GUANGDONG 510405 Canada          |
| (86) International Application No             | :PCT/CN2004/001520 | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :24/12/2004        | <b>1)CEN, LIEFANG</b>                                 |
| (87) International Publication No             | :WO2005/079916A1   | <b>2)CEN, ZHI YONG</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 low cost device for treating the coronary heart disease, comprising a photon glove and a plate for protecting heart and a controller for controlling them, thereby they are electrically connected; The photon glove comprises four hole for inserting fingers except for thumb and three fixing straps of photon device and the separable fastening fabric for fastening the fixing strap, wherein one end of the fixing strap is fixed on the front of the photon glove, there are three photon generators mounted on the fixing strap, the separable fastening fabric is situated on the back of the photon glove. Compared with the art, the cost of the device according to the present invention can be reduced, it is convenient to use, and can be used in family.

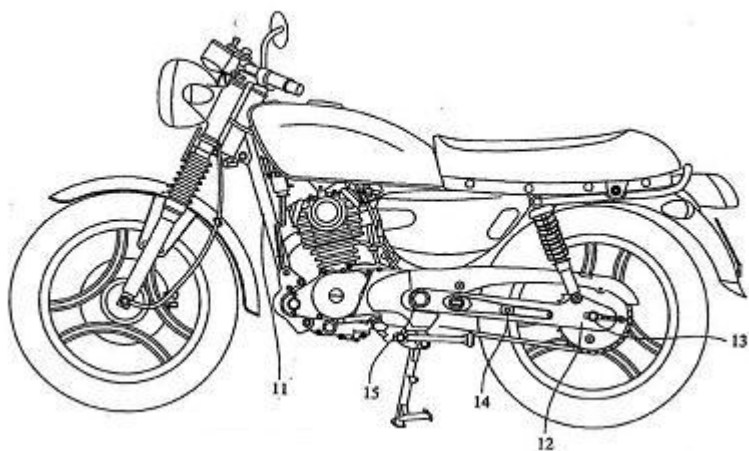


(54) Title of the invention : MOTORCYCLE

|                                               |             |                                                                 |
|-----------------------------------------------|-------------|-----------------------------------------------------------------|
| (51) International classification             | :B62K11/02  | (71) <b>Name of Applicant :</b>                                 |
| (31) Priority Document No                     | :093136721  | <b>1)SANYANG INDUSTRY CO. LTD.</b>                              |
| (32) Priority Date                            | :29/11/2004 | Address of Applicant :NO.184, Keng Tzu Kou, Shang Keng Village, |
| (33) Name of priority country                 | :Taiwan     | Hsin Fong Shiang, Hsinchu Country, 3047 R.O.C. Taiwan           |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                  |
| Filing Date                                   | :NA         | <b>1)CHIA-HAO CHANG</b>                                         |
| (87) International Publication No             | :Nil        | <b>2)TIEN-REN TSAI</b>                                          |
| (61) Patent of Addition to Application Number | :NA         | <b>3)CHI-SHIN WANG</b>                                          |
| Filing Date                                   | :NA         |                                                                 |
| (62) Divisional to Application Number         | :NA         |                                                                 |
| Filing Date                                   | :NA         |                                                                 |

(57) Abstract :

A motorcycle. At least one connecting rod is fitted in a main frame and includes a first connecting end and a second connecting end opposite thereto. The first and second connecting ends are respectively disposed on both sides of the main frame. A first pedal and a second pedal are connected to the first and second connecting ends of the connecting rod, respectively.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1433/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :16/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : WATER-COOLED MOTORCYCLE

|                                               |             |                                                                |
|-----------------------------------------------|-------------|----------------------------------------------------------------|
| (51) International classification             | :H02P6/18   | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :093137158  | <b>1)SANYANG INDUSTRY CO. LTD.</b>                             |
| (32) Priority Date                            | :02/12/2004 | Address of Applicant :NO.184,Keng Tzu Kou, Shang Keng Village, |
| (33) Name of priority country                 | :Taiwan     | Hsin Fong Shiang, Hsinchu Country, R.O.C. Taiwan               |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :NA         | <b>1)CHI-SHIN WANG</b>                                         |
| (87) International Publication No             | : NA        | <b>2)TSUNG-YEH HUANG</b>                                       |
| (61) Patent of Addition to Application Number | :NA         | <b>3)MING-JIUN YAN</b>                                         |
| Filing Date                                   | :NA         |                                                                |
| (62) Divisional to Application Number         | :NA         |                                                                |
| Filing Date                                   | :NA         |                                                                |

(57) Abstract :

A water-cooled motorcycle. A radiator is connected to a main frame and includes a first end and a second end. A top airfoil is connected to the main frame and first end of the radiator. A bottom airfoil is connected to the main frame and second end of the radiator. A bottom plate is connected to the main frame and separated from the bottom airfoil by a predetermined distance. Cold air penetrates the radiator and flows to the exterior of the water-cooled motorcycle via an air vent between the bottom airfoil and the bottom plate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1446/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :21/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A MANUAL GEAR-SHIFTING SYSTEM, IN AN AGRICULTURAL OR INDUSTRIAL VEHICLE

|                                               |                      |                                                                                                                                                                       |
|-----------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B60K20/00,F16H59/00 | (71) <b>Name of Applicant :</b><br><b>1)MAHINDRA &amp; MAHINDRA LTD.</b><br>Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER,<br>MUMBAI 400001 Maharashtra India |
| (31) Priority Document No                     | :NA                  | (72) <b>Name of Inventor :</b>                                                                                                                                        |
| (32) Priority Date                            | :NA                  | <b>1)ARJINDAR GURNAM SINGH</b>                                                                                                                                        |
| (33) Name of priority country                 | :NA                  | <b>2)VIJAYA BHASKAR BASAVA</b>                                                                                                                                        |
| (86) International Application No             | :NA                  | <b>3)SAYYED SUHEAL AHMED SHAFIQ</b>                                                                                                                                   |
| Filing Date                                   | :NA                  |                                                                                                                                                                       |
| (87) International Publication No             | :Nil                 |                                                                                                                                                                       |
| (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 generally relates to a manual gear-shifting system in an agricultural or industrial vehicle like tractor, and more particularly to the tractor transmission side gear-shifting system, wherein entire gear-shifting system is located either on left & / or right side of the operating personnel, thereby improving sitting & operational comfort drastically by ensuring front free space and minimizing modifications & relocation of various affected components thereby minimizing development time and cost.

## (54) Title of the invention : STERILIZATION SYSTEM AND METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61L9/00          |
| (31) Priority Document No                     | :60/476,516        |
| (32) Priority Date                            | :05/06/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/017902 |
| Filing Date                                   | :04/06/2004        |
| (87) International Publication No             | :WO2005/120593A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

## (71)Name of Applicant :

**1)DARREN T. PASKAL**

Address of Applicant :1135 NORTH MANSFIELD AVENUE, LOS ANGELES, CALIFORNIA, 90038, U.S.A.

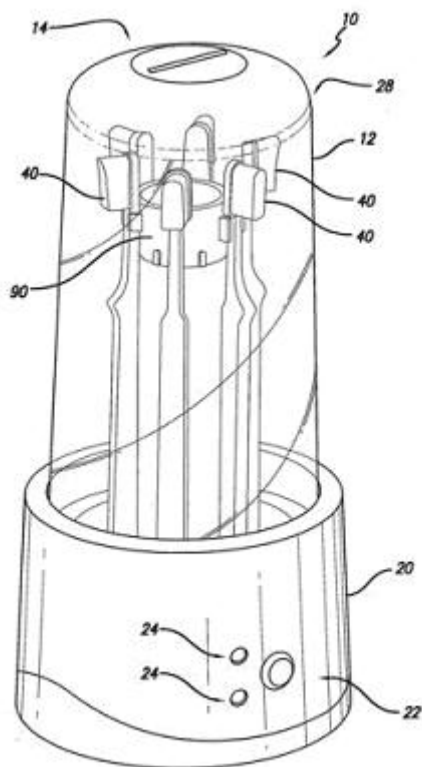
**2)GREGORY L. NOSS**

## (72)Name of Inventor :

**1)WILLIAM P. CONLEY****2)RODGER D. THOMASON**

## (57) Abstract :

Exemplary embodiments may include a sanitizing system 10 and method including a chamber 28, a wet heat system 50 and dry heat system 60 adjacent to the chamber 28, and a filtered air system 70 to reduce the contaminants entering the system 10 and to provide position pressure to the chamber 28 to reduce the likelihood of contaminants entering the system 10.



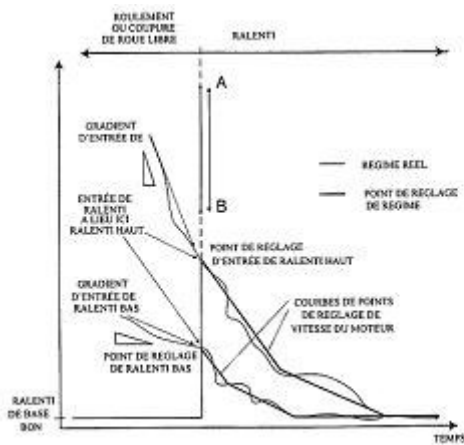
(54) Title of the invention : A METHOD OF CONTROLLING THE IDLE SPEED AND ELECTRONIC CONTROL UNIT THEREOF

(51) International classification :F02D41/08  
 (31) Priority Document No :PQ 4898  
 (32) Priority Date :24/12/1999  
 (33) Name of priority country :Australia  
 (86) International Application No :PCT/AU00/01566  
 Filing Date :20/12/2000  
 (87) International Publication No :WO2001/048361  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :IN/PCT/2002/00518/MUM  
 Filed on :22/04/2002

(71)**Name of Applicant :**  
**1)ORBITAL ENGINE COMPANY (AUSTRALIA) PTY LIMITED**  
 Address of Applicant :1 Whipple Street, Balcatta, Western Australia  
 6021 Australia  
 (72)**Name of Inventor :**  
**1)STUART GRAHAM PRICE**

(57) Abstract :

A method of controlling the idle speed of an internal combustion engine including, in response to the engine speed being below a predetermined level: determining the rate of change of the speed of the engine; selecting an idle entry set-point as a function of said rate; and initiating idle speed control of the engine on the basis of said idle entry set-point to thereby control the engine speed to a base idle speed.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1453/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/11/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : ADAMANTYL-ACETAMIDE DERIVATIVES AS INHIBITORS OF THE 11- BETA-HYDROXYSTEROID DEHYDROGENASE TYPE 1 ENZYME

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D207/02        |
| (31) Priority Document No                     | :10/834,459        |
| (32) Priority Date                            | :29/04/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/015304 |
| Filing Date                                   | :29/04/2005        |
| (87) International Publication No             | :WO2005/108368A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)ABBOTT LABORATORIES**

Address of Applicant :Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road,  
Abbott Park, IL 60064 6008, U.S.A.

(72)Name of Inventor :

**1)LINK, James**

**2)PLIUSHCHEV, MARINA**

**3)ROHDE, Jeffrey**

**4)WODKA, Dariusz**

**5)PATEL, Jyoti**

**6)SHUAI, Qi**

(57) Abstract :

The present invention relates to compounds which are inhibitors of the 11-beta-hydroxysteroid dehydrogenase Type 1 enzyme. The present invention further relates to the use of inhibitors of 11-beta-hydroxysteroid dehydrogenase Type 1 enzyme for the treatment of non-insulin dependent type 2 diabetes, insulin resistance, obesity, lipid disorders, metabolic syndrome, and other diseases and conditions that are mediated by excessive glucocorticoid action.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1458/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AN APPARATUS TO REDUCE THE HEAT LOAD ON CONVENTIONAL AIR CONDITIONERS DUE TO GLOBAL WARMING AND TO REDUCE WATER SOLUBLE POLLUTANTS IN THE SURROUNDING

|                                               |                                                |                                                                                                                                                                                                                                                   |
|-----------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F24F3/06<br>B60H1/00<br>F25B43/00<br>F25F5/00 | (71) <b>Name of Applicant :</b><br><b>1)BHAYANI JAYESH JASHWANTRAI</b><br>Address of Applicant :8, New Krishna Kunj, Swami Samarth Lane, Off<br>Old M.G.Road, Kandivli Village, Kandivli-West, Maharashtra India<br><b>2)BHAYANI PRITI JAYESH</b> |
| (31) Priority Document No                     | :NA                                            | (72) <b>Name of Inventor :</b>                                                                                                                                                                                                                    |
| (32) Priority Date                            | :NA                                            | <b>1)BHAYANI JAYESH JASHWANTRAI</b>                                                                                                                                                                                                               |
| (33) Name of priority country                 | :NA                                            | <b>2)BHAYANI PRITI JAYESH</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 machine capable to solve the effects of global warming on the pre-installed conventional air conditioners. It conserves energy by reducing the humidity of target room by condensing water without increasing heat load of target room. It allows increasing the room temperature to reduce heat losses to atmosphere. It includes a surface heat-exchanger which pre-cools the ambient air to reduce the heat load on cooling system and reheat the cooled ambient air, before recycling back to the target room. It also reduces the air pollutants of the target room. It gives comfort to asthma patients who do not feel comfortable in the cold humid environment with dust mite, etc. It produces oxygen rich chilled water from ambient air even in air-conditioned room. It can also be used for outdoor applications to produce potable water from atmosphere even at temperature as low as 10 degree centigrade.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1460/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPUTER NETWORKS

|                                               |                                     |                                                                                                                                                          |
|-----------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06F1/00<br>G06F21/00<br>H04L29/06 | (71) <b>Name of Applicant :</b><br><b>1)UNIVERSITY OF PUNE</b><br>Address of Applicant :Ganeshkhind, Ganeshkhind Road, Pune 411 007<br>Maharashtra India |
| (31) Priority Document No                     | :NA                                 | (72) <b>Name of Inventor :</b>                                                                                                                           |
| (32) Priority Date                            | :NA                                 | <b>1)SINGARAYAR ARUL VETHA MANICKAM</b>                                                                                                                  |
| (33) Name of priority country                 | :NA                                 | <b>2)JAYESH SHAH</b>                                                                                                                                     |
| (86) International Application No             | :NA                                 | <b>3)HARIHARAN JAYARAMAN</b>                                                                                                                             |
| Filing Date                                   | :NA                                 | <b>4)ANIRRUDHA JOSHI</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 aggregating logs in a computer network is disclosed. The aggregating system comprises: parsing means, tagging means, converter mean, queuing means, device identifying means an aggregation means by which desired logs are aggregated after filtration and tagging. The aggregated logs are stored in a storage means. Means for carrying out aggregation in the system are also provided.

(54) Title of the invention : TURNER BAR UNIT FOR A WEB-FED ROTARY PRESS

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :B41F13/00      |
| (31) Priority Document No                     | :102004060725.7 |
| (32) Priority Date                            | :17/12/2004     |
| (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 :

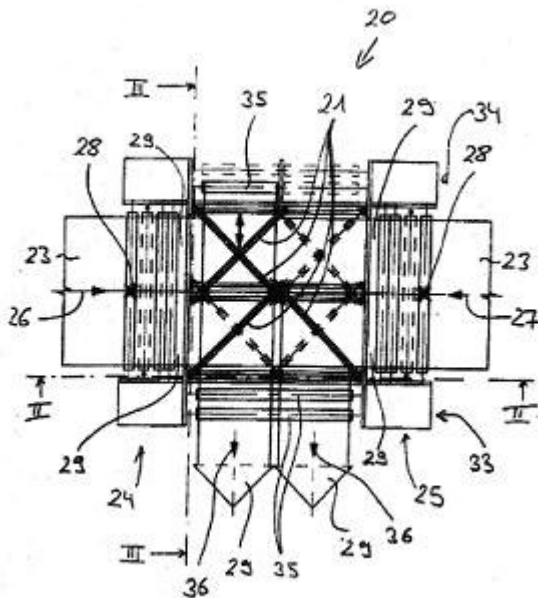
**1)MAN ROLAND DRUCKMASCHINEN AG**Address of Applicant :MUHLHEIMER STRASSE 341 D-63075  
OFFENBACH AM MAIN, Germany

(72)Name of Inventor :

**1)JOHANNES BEHMEL****2)ULRICH SEYFFERT**

(57) Abstract :

The invention relates to a turner bar unit for a web-fed rotary press, having turner bars (21) arranged one above another in plurality of planes, it being possible for webs (23) of a web printing material to be inserted into the turner bar unit in a plurality of planes arranged one above another, it being possible for the webs (23) of the web printing material to be divided into pan webs (29) at cutting devices (28) arranged upstream of the turner bars (21) in the insertion direction of the printing material, and it being possible for the part webs (29) to be deflected or turned at the turner bars (21) in such a way that the part webs (29) can be led out of the turner bar unit at right angles to the feed direction of the printing material. According to the invention, the webs (23) of web printing material can be inserted into the turner bar unit from two sides (24,25).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1464/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/11/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : DUAL SMALL MOLECULE INHIBITORS OF CANCER AND ANGIOGENESIS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K31/47         |
| (31) Priority Document No                     | :60/575,927        |
| (32) Priority Date                            | :01/06/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/019244 |
| Filing Date                                   | :01/06/2005        |
| (87) International Publication No             | :WO 2005/117876 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)UNIVERSITY OF VIRGINIA PATENT FOUNDATION**

Address of Applicant :250 West main Street, Suite 300, Charlottesville,  
VA 22902, U.S.A.

(72)**Name of Inventor :**

**1)BROWN, MILTON L.**

(57) Abstract :

The present invention provides analogs and derivatives of thalidomide which inhibit cancer and angiogenesis. The present invention further provides compounds which disrupt microtubule polymerization. The present further provides method of treating cancers comprising mutant p53.

(54) Title of the invention : POWER SEMI-CONDUCTOR MODULE WITH AUX. LEAD

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :H01L21/02      |
| (31) Priority Document No                     | :102004058946.1 |
| (32) Priority Date                            | :08/12/2004     |
| (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 :

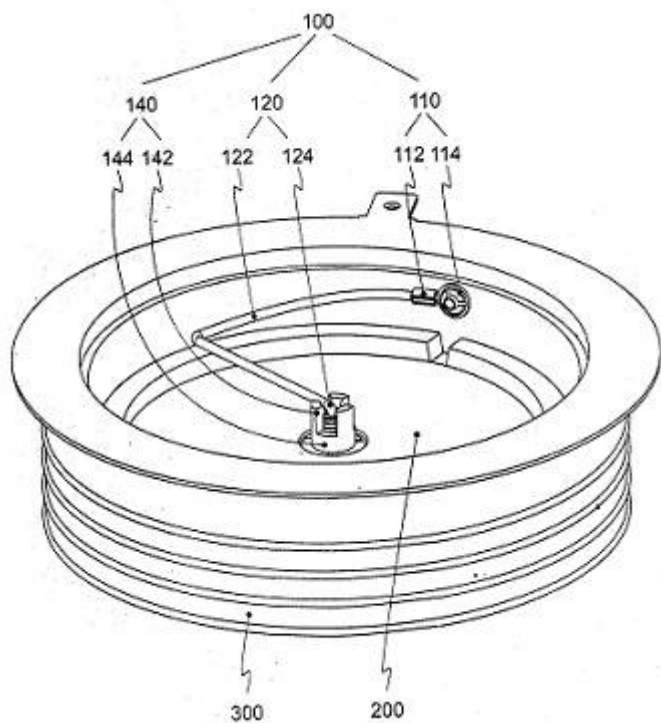
**1)SEMIKRON ELEKTRONIK GMBH & CO. KG**Address of Applicant :POSTFACH-820251 90253 NURNBERG,  
Germany

(72)Name of Inventor :

**1)LUDWIG HAGER**

(57) Abstract :

A semi-conductor module is introduced, preferably a disc cell, with a power semi-conductor component arranged in the inside of the housing. The disc cell has two load leads and at least one aux. Lead, wherein the aux. Lead originates from the power semi-conductor component and terminates at an allocated external lead element. The external lead element of the aux. Lead penetrates the housing and is built-up as pin type metallic molded part. The aux. Lead is formed through a contact device at the at the aux. Lead contact of the power semi-conductor component, an electrically conducting connecting element and a contact element partially built-up as terminal disc, wherein the terminal disc is arranged on the pin type metallic molded part of the external lead element.



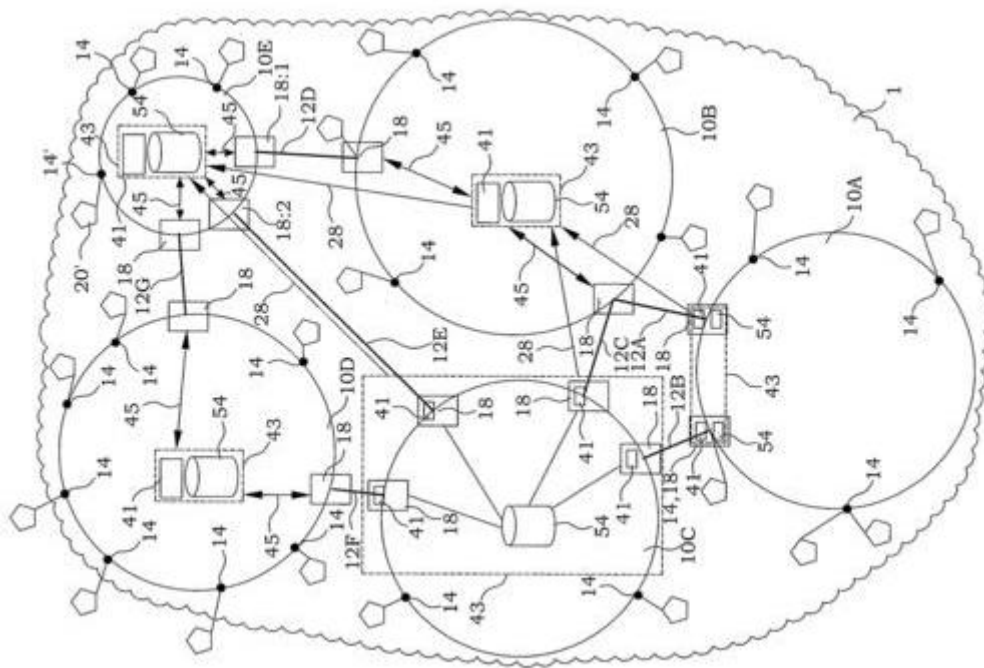
(54) Title of the invention : METHODS AND ARRANGEMENTS FOR CONNECTION DETERMINATION IN MULTI-DOMAIN VIRTUAL PRIVATE NETWORK

(51) International classification :H04L12/56.H04L12/56  
 (31) Priority Document No :PCT/SE2004/001065  
 (32) Priority Date :30/06/2004  
 (33) Name of priority country :Sweden  
 (86) International Application No :PCT/SE2005/001006  
 Filing Date :23/06/2005  
 (87) International Publication No :WO2006/004501A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)TELEFONAKTIEBOLAGET L.M. ERICSSON (PUBL)**  
 Address of Applicant :S-164 83 Stockholm Sweden  
 (72)**Name of Inventor :**  
**1)MaNGS, Jan-Erik**  
**2)FLINTA, Christofer**

(57) Abstract :

Information about VPNs in a communications network having at least two interconnected domains is collected in each domain by a push mechanism. The information about the VPNs comprises at least domain ID of domains in which the different VPNs currently are available. Domain VPN information is collected in each domain. The collection can be triggered by an external event, such as a change in VPN information. The provided domain VPN information is spread to adjacent domains, preferably under constrictions put by SLAs between domain operators. In a cascaded manner, the entire available domain VPN information is spread to all domains. The collected information about the VPNs is evaluated in order to find suitable connection paths.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1469/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :25/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : STABILIZATION AND PRECISE REGULATION OF CANE FLOW WITH ENHANCEMENT OF CANE DENSITY FOR CANE SUGAR INDUSTRY

|                                               |            |                                                        |
|-----------------------------------------------|------------|--------------------------------------------------------|
| (51) International classification             | :G01N33/00 | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :NA        | <b>1)TUKARAM MUGUTRO KARNE</b>                         |
| (32) Priority Date                            | :NA        | Address of Applicant :SHREYAS ORNATE, 95-TULASIBAGWALE |
| (33) Name of priority country                 | :NA        | COLONY, SAHKARNAGAR-2, PUNE-411009, Maharashtra India  |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                         |
| Filing Date                                   | :NA        | <b>1)TUKARAM MUGUTRAO</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 :

Sugar cane conveyed through the cane carrier that travels on in the different shapes, bundles or in the entangled form which has many gaps and voids in between bundles, creating non-continuous less densely flow of sugar cane passing to the cane flow stabilizer & density enhancer, which has specially designed knives, having two sharp edges, one on the main knife whose tip cuts the excess horizontal cane and another on the cross knife piece cuts the excess pieces of vertical sugar cane; the cane flow stabilizer & density is designed to rotate in the reverse direction as compared to the travel of incoming cane on the cane carrier it throws back towards the cane yard but necessarily cut cane pieces to fall in the cane carrier; precisely controlled quantity of densely prepared sugar cane then is allowed to pass to the cane cutter; the well-prepared cane by cane flow stabilizer & density enhancer and cane cutter proceeds to mill tandem.



(54) Title of the invention : USE OF HISTONES FOR THE EARLY DIAGNOSIS AND / OR PREVENTATIVE THERAPY OF VIRALLY-INFECTED LIVING CELLS AND A BIOCHIP FOR CARRYING OUT SAID DIAGNOSIS

(51) International classification :A61K38/16  
 (31) Priority Document No :04011015.7  
 (32) Priority Date :07/05/2004  
 (33) Name of priority country :EUROPEAN UNION  
 (86) International Application No :PCT/EP2005/003257  
 Filing Date :29/03/2005  
 (87) International Publication No :WO2005/112975A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)SYMBIOTEC GESELLSCHAFT ZUR FORSCHUNG UND ENTWICKLUNG AUF DEM GEBIET DER BIOTECHNOLOGIE MBH**

Address of Applicant :STUHLSATZENHAUSWEG 69, D-66123 SAARBRUCKEN, Germany

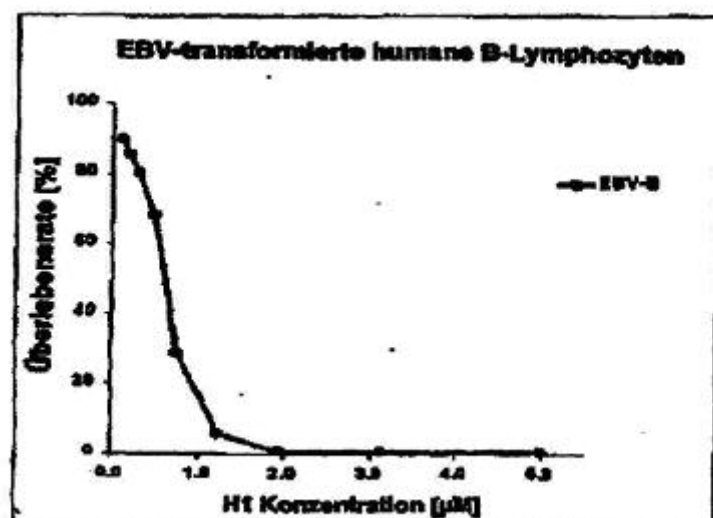
**2)PHILADELPHIA HEALTH AND EDUCATION CORPORATION**

(72)Name of Inventor :

**1)REINER CLASS**

(57) Abstract :

The invention relates to a biologically-active agent, in a particular, for the early diagnosis and/or preventative therapy of virally-infected living cells, the efficacy of which is selective for the cell membranes of the virally-infected cells, which are modified in a characteristic manner after viral infection. The agent includes at least one component, selected from a group of materials, comprising histones, covalently-modified histones, polypeptides similar to histones and biologically-active sequences of the histones and peptides similar to histones. The agent may, for example, be recombinant human histone H1 or at least an H1 subtype (H1.0, H1.1, H1.2, H1.3, H1.4, H1.9, H1. t, H1 .x) or the active portion thereof - The appropriate biological activity for killing a virally-infected cell at the modified cell membrane thereof through cooperation with similarly or differently active agent components may be achieved, which together form a biologically-effective complex with increased biological activity. The invention further relates to a biochip for the diagnosis of virally-infected cells, whereby a selected number of differing biological agents, each having biological activity are arranged on the biochip, which serves to determine an individual profile for the disease, whereby the agents are selected from a group of materials comprising histones, covalently-modified histones, peptides similar to histones and biologically-active sequences of the histones and peptides similar to histones.



(54) Title of the invention : MIDIFIED RELEASE FORMULAITON OF MEMANTINE

(51) International classification :A61K9/22  
 (31) Priority Document No :60/581,242  
 (32) Priority Date :17/06/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US05/021260  
 Filing Date :16/06/2005  
 (87) International Publication No :WO2006/009769  
 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)FOREST LABORATORIES INC**

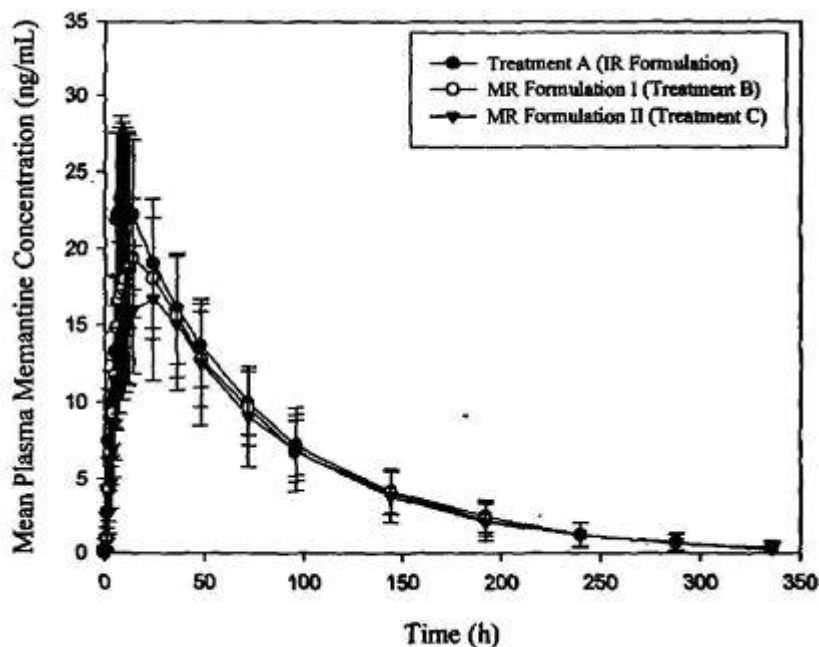
Address of Applicant :909 THIRD AVENUE, NEW YORK NY 10022-4731 U.S.A.

(72)Name of Inventor :

**1)RASTOGI SUNEEL K****2)RAO Niranjan****3)PERICLOU ANTONIA****4)ABRAMOWITZ WATTANAPORN****5)DEDHIYA MAHENDRA G****6)MAHASHABDE SHASHANK**

(57) Abstract :

The present invention provides pharmaceutical compositions given once daily containing at least one therapeutically active ingredient selected from the group consisting of memantine and a pharmaceutically acceptable salt of memantine, and a pharmaceutically acceptable polymeric matrix carrier. The dosage forms of the invention sustain the release of the therapeutically active agent from about 4 to about 24 hours when said dosage form is exposed to aqueous solutions. Following entry of said form into a use environment, wherein said dosage form has a dissolution rate of more than about 80% after passage of about 6 hours to about 12 hours following said entry into said use environment.



(54) Title of the invention : SYNERGISM OF GOS AND POLYFRUCTOSE

(51) International classification :A23L1/29  
 (31) Priority Document No :04076479.7  
 (32) Priority Date :17/05/2004  
 (33) Name of priority country :EUROPEAN UNION  
 (86) International Application No :PCT/NL2005/000372  
 Filing Date :17/05/2005  
 (87) International Publication No :WO2005/110121A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)N. V. NUTRICIA**Address of Applicant :Eerste Stationsstraat 186, 2712 HM Zoetermeer,  
The Netherlands Netherlands

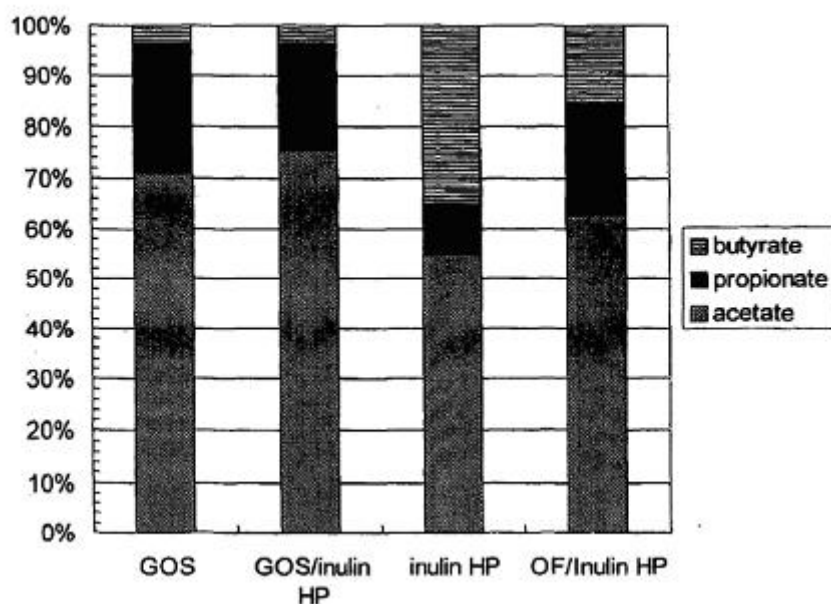
(72)Name of Inventor :

**1)SPEELMANS, Gelske****2)GOVERS, Maria, Johanna, Adriana, Petronella****3)VAN TOL, Eric, Alexander, Franciscus****4)KNOL, Jan**

(57) Abstract :

The present invention relates to the filed of prebiotics. Provided are uses for compositions comprising synergistically effective amounts of polyfructose and galactooligosaccharides (GOS).

Pattern of SCFA formation



(54) Title of the invention : DIAGNOSTIC METHOD FOR DISORDERS USING COPEPTIN

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :G01N33/74       |
| (31) Priority Document No                     | :04019732.9      |
| (32) Priority Date                            | :19/08/2004      |
| (33) Name of priority country                 | :EUROPEAN UNION  |
| (86) International Application No             | :PCT/EP05/009001 |
| Filing Date                                   | :19/08/2005      |
| (87) International Publication No             | :WO2006/018315A1 |
| (61) Patent of Addition to Application Number | :NA              |
| Filing Date                                   | :NA              |
| (62) Divisional to Application Number         | :NA              |
| Filing Date                                   | :NA              |

(71)Name of Applicant :

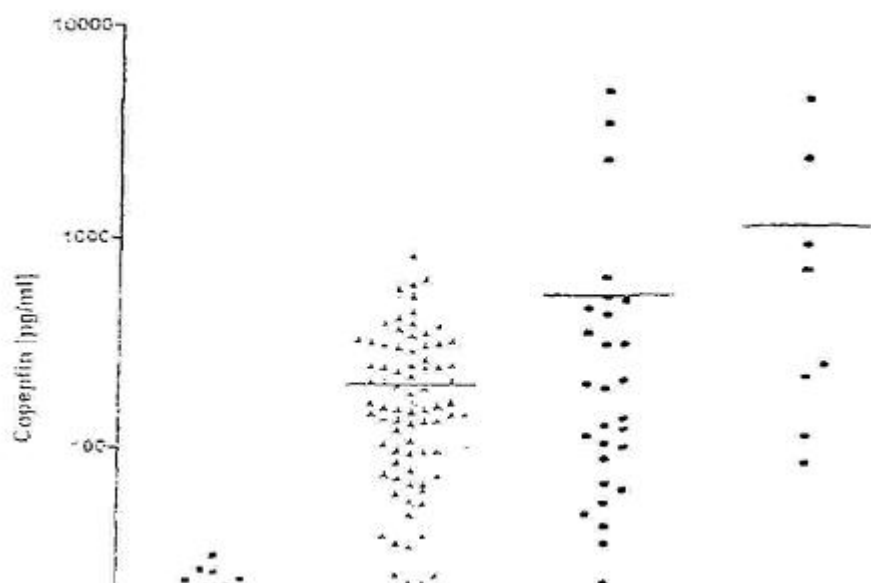
**1)B. R. A. H. M. S AKTIENGESELLSCHAFT**Address of Applicant :NEUENDORFSTRASSE 25, 16761  
HENNIGSDORF, Germany

(72)Name of Inventor :

**1)BERGMANN ANDREAS****2)STRUCK JOACHIM**

(57) Abstract :

The use of copeptin as diagnostic marker for the determination of the release of vasopressin, especially in connection with disorders associated with non-physiological alterations of vasopressin release from the neurohypophysis, especially for detection and early detection, diagnosing and monitoring of the course of cardiovascular diseases, renal and pulmonary diseases as well as shock, including septic shock, sepsis and diseases/disorders of the central nervous system and neurodegenerative diseases.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1503/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : CHEMICLAVE FOR STERILIZATION OF BIOMEDICAL HOSPITAL SOLID WASTE

|                                               |            |
|-----------------------------------------------|------------|
| (51) International classification             | :A61L11/00 |
| (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)VIBHUTE CHANDRASHEKHAR PANCHAKSHARI**  
Address of Applicant :6, BOTANICAL GREEN KOTKAR LANE,  
BHAU PATIAL ROAD BOPODI, PUNE 411020 Maharashtra India  
(72)**Name of Inventor :**  
**1)VIBHUTE CHANDRASHEKHAR PANCHAKSHARI**

(57) Abstract :

Presently sterilization can be achieved using heat, chemicals, filtration and radiation. Gaseous chemical sterilization may be used for heat sensitive articles. Heat sterilization is the method which is extensively used in hospital. The foremost object of invention was to develop innovative equipment which is not only sterilizes biomedical solid waste but also reduces the volume by shredding. The invention therefore seeks to provide innovative equipment called as Chemiclave for Sterilization of Biomedical Solid Waste. The sterilized plastic waste is safely disposed to either municipal landfill without recycling.

(54) Title of the invention : TUBERCULOSIS TREATING AND PREVENTING AGENT

(51) International classification :A61K36/00  
 (31) Priority Document No :2004118625  
 (32) Priority Date :21/06/2004  
 (33) Name of priority country :Russia  
 (86) International Application No :PCT/RU05/000288  
 Filing Date :27/05/2005  
 (87) International Publication No :WO2006/001733A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

1)OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU  
 'BEREZOVY MIR'

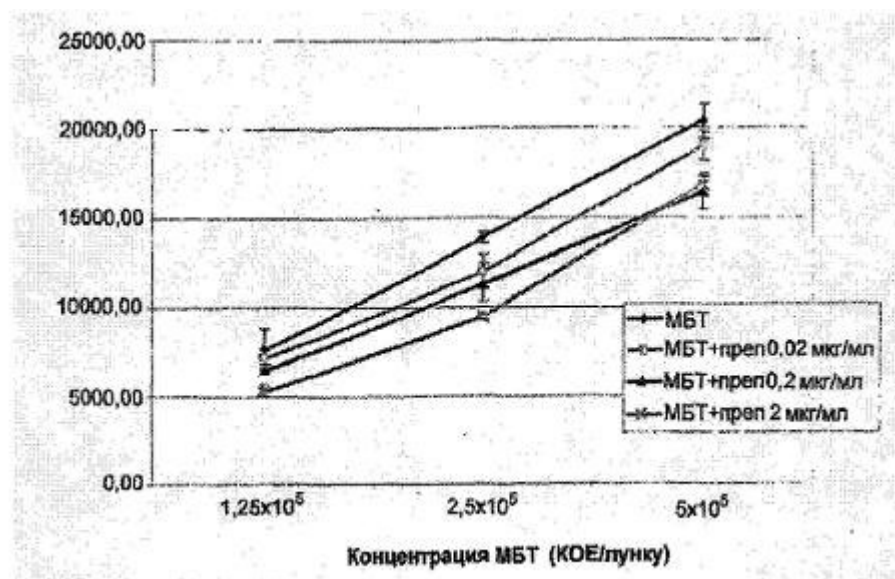
Address of Applicant :UL, OZERNAYA 15, MOSCOW, 119361  
 RUSSIA Russia

## (72)Name of Inventor :

1)BOCHAROVA IRINA VLADIMIROVNA  
 2)DEMIKHOVA OLGA VLADIMIROVNA  
 3)EROKHIN VLADISLAV VSEVOLODOVICH  
 4)POSPELOV LEV EVGENIEVICH  
 5)BALAKSHIN VLADIMIR VLADIMIROVICH  
 6)CHISTYAKOV ALEKSEY NIKOLAEVICH

## (57) Abstract :

The possibility of using betulin and birch bark containing said betulin for treating and preventing tuberculosis is disclosed.



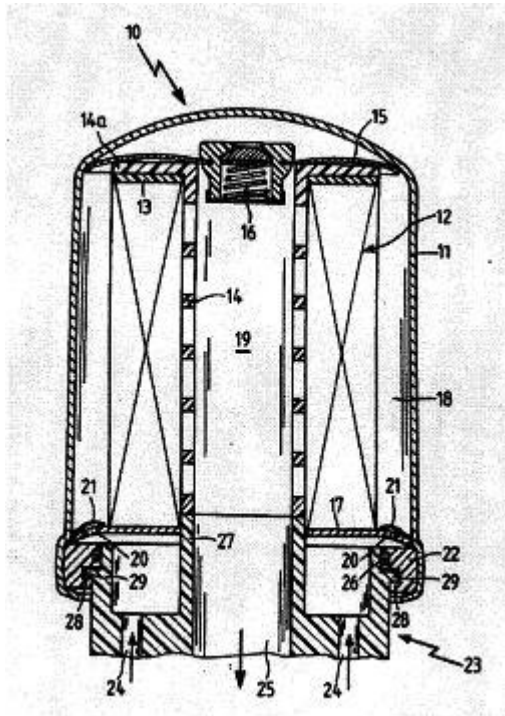
(54) Title of the invention : FILTER FOR LIQUID

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :B01D27/00      |
| (31) Priority Document No                     | :102004059061.3 |
| (32) Priority Date                            | :07/12/2004     |
| (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)MANN + HUMMEL GMBH**  
 Address of Applicant :Dept. VR-D Plant 5.4 D-71631  
 LUDWIGSBURG, Germany  
 (72)**Name of Inventor :**  
**1)KOLCZYK MARKUS**  
**2)SCHRECKENBERGER DIETER**

(57) Abstract :

The present invention relates to a fluid filter, in particular for internal combustion engines, having a filter housing with an essentially hollow cylindrical filter element arranged therein, separating the raw side from the clean side with a seal. The filter element is supported on means having contours for forming a form-fitting connection. The fluid filter is detachably and sealingly connectable to a counterpart by a form-fitting connection. The counterpart is a flange and is connected directly to a machine aggregate or is an adapter element for adaptation of the form-fitting connection with a threaded flange.

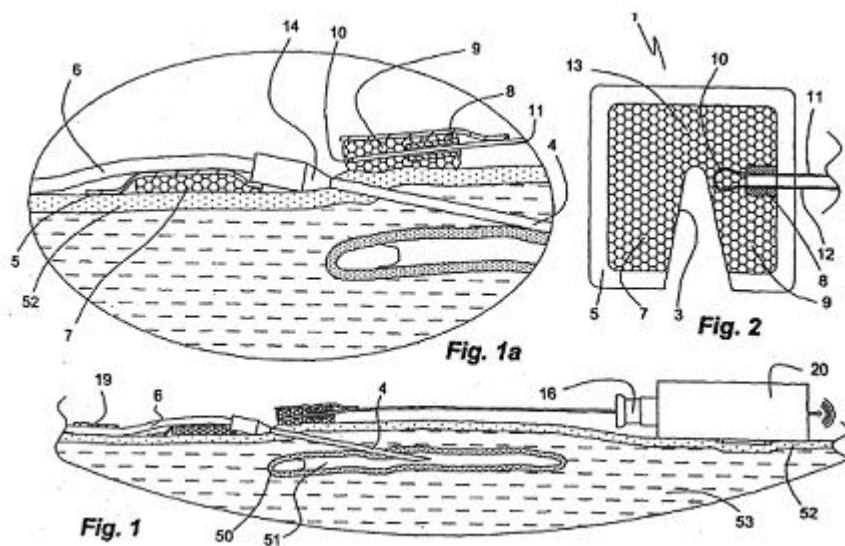


(54) Title of the invention : MEANS AND METHOD FOR DETECTION OF BLOOD LEAKAGE FROM WOUNDS

|                                               |                    |                                                                 |
|-----------------------------------------------|--------------------|-----------------------------------------------------------------|
| (51) International classification             | :G02B6/00          | (71)Name of Applicant :                                         |
| (31) Priority Document No                     | :0401632-5         | <b>1)REDSense MEDICAL AB</b>                                    |
| (32) Priority Date                            | :24/06/2004        | Address of Applicant :P. O. BOX. 287, S-301 07 Halmstad Sweden. |
| (33) Name of priority country                 | :Sweden            | Sweden                                                          |
| (86) International Application No             | :PCT/SE2005/000960 | (72)Name of Inventor :                                          |
| Filing Date                                   | :21/06/2005        | <b>1)ENGvall, Daniel</b>                                        |
| (87) International Publication No             | :WO2006/001759A1   | <b>2)JONSSON, Lennart</b>                                       |
| (61) Patent of Addition to Application Number | :NA                | <b>3)KARLSSON,Per-Olof</b>                                      |
| Filing Date                                   | :NA                | <b>4)RUTGERSSON, Lars</b>                                       |
| (62) Divisional to Application Number         | :NA                | <b>5)SVENSSON, Fredrik</b>                                      |
| Filing Date                                   | :NA                |                                                                 |

## (57) Abstract :

An optical fibre through which light passes is used for detecting blood leakage from a wound. The fibre may be comprised by a blood leakage detection apparatus having a light source and a photo detector in radiative communication with the respective ends of the fibre and producing an electrical signal in response to the light detected, photo detector signal amplifying means, means for detecting changes in the amplified signal over time, and alarm means, wherein a decrease in signal strength during a selected time period activates the alarm means; a corresponding method of detecting blood leakage; a device for use with the apparatus of the invention comprising the optical fibre thereof provided with coupling means at its ends and a patch of blood absorbing material.



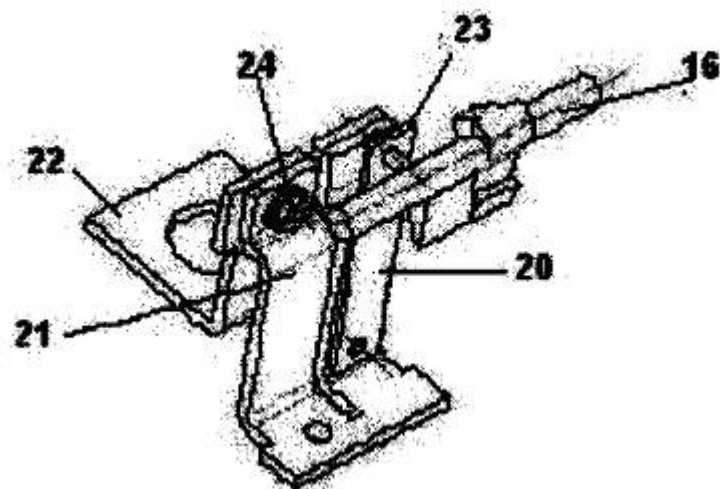


(54) Title of the invention : SITE CONVERTIBLE THERMAL STRUCTURE FOR CIRCUIT BREAKER

|                                               |            |                                                                     |
|-----------------------------------------------|------------|---------------------------------------------------------------------|
| (51) International classification             | :H01H75/00 | (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 - 400 001 |
| (33) Name of priority country                 | :NA        | Maharashtra India                                                   |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                              |
| Filing Date                                   | :NA        | <b>1)RADHAKRISHNA RAHUL</b>                                         |
| (87) International Publication No             | : NA       | <b>2)PRABHU A SAMIR</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 site convertible thermal structure in a circuit breaker. The thermal structure comprises heater section wherein said heater section comprises plurality of sub sections which include section 1 (20) and section 2 (21); wherein both sections 1 and 2 are operatively held to each other maintaining desirable distance of separation between sections adopting connecting element and bimetallic element (23) in operative connection with one of said sections such that heat from section is transmitted causing deflection of the bimetallic element in a predetermined direction.



## (54) Title of the invention : CALENDAR CORRECTOR

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G04B19/24         |
| (31) Priority Document No                     | :03405589.7        |
| (32) Priority Date                            | :12/08/2003        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/CH2004/000490 |
| Filing Date                                   | :05/08/2004        |
| (87) International Publication No             | :WO2005/015323A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

## (71)Name of Applicant :

**1)VAUCHER MANUFACTURE FLEURIER S.A.**

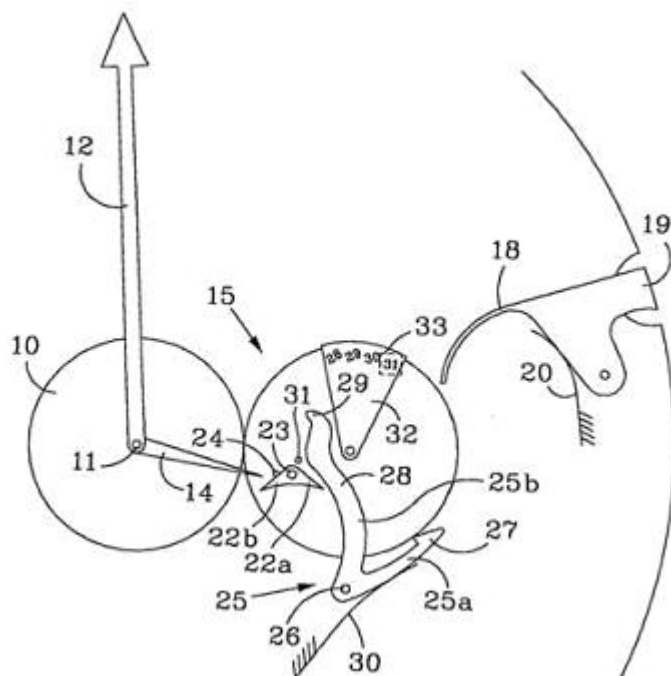
Address of Applicant :Rue de L'Hôpital 33, CH-2114 Fleurier, Switzerland

## (72)Name of Inventor :

**1)CRETTEX, Frédéric**

## (57) Abstract :

The invention relates to a calendar corrector for arrangement in a movement of a watchmaking part provided with calendar display means (12) and a thirty-one wheel (10) which goes round in thirty-one days. Said corrector comprises manual control means (18,19), enabling information relating to the fact that the current month comprises less than thirty-one days, to be introduced and programming means (14,15,16,17, 22, 25) coupled to the thirty-one wheel (10), responding to the information introduced by the control means such that the display means can be corrected automatically at the end of said current month.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1533/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :12/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A NOVEL PROCESS FOR SYNTHESIS OF BISOPROLOL AND ITS INTERMEDIATE

|                                               |           |                                                                  |
|-----------------------------------------------|-----------|------------------------------------------------------------------|
| (51) International classification             | :A61K9/00 | (71) <b>Name of Applicant :</b>                                  |
| (31) Priority Document No                     | :NA       | <b>1)UNICHEM LABORATORIES LIMITED</b>                            |
| (32) Priority Date                            | :NA       | Address of Applicant :Unichem Bhavan, Prabhat Estate, Off. S. V. |
| (33) Name of priority country                 | :NA       | Road, Jogeshwari (W), Mumbai 400 102 Maharashtra India           |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                                   |
| Filing Date                                   | :NA       | <b>1)RAMAKRISHNAN ARUL</b>                                       |
| (87) International Publication No             | :NA       | <b>2)AJAY DAYALJI CHAUHAN</b>                                    |
| (61) Patent of Addition to Application Number | :NA       | <b>3)RAJESH HARSHNATH PATHAK</b>                                 |
| Filing Date                                   | :NA       | <b>4)RUCHI AGARWAL</b>                                           |
| (62) Divisional to Application Number         | :NA       |                                                                  |
| Filing Date                                   | :NA       |                                                                  |

(57) Abstract :

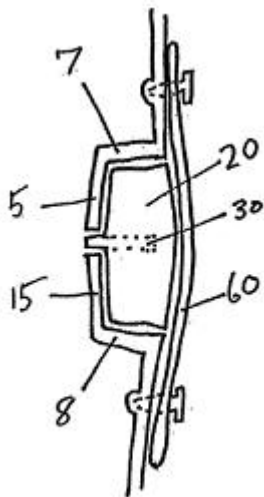
This invention relates to a manufacturing process for the preparation of bisoprolol and its pharmaceutically acceptable salt as well as its intermediates. The intermediate 4-[(2-isopropoxyethoxy)methyl]phenol is prepared by reaction of 4-hydroxybenzyl alcohol with 2-isopropoxy ethanol in presence of Amberlyst 15 in high yield with high purity.

(54) Title of the invention : AN ARTICULATED ORTHOSIS PROVIDING LIFT ASSIST

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :A61F5/00          | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :NA                | <b>1)ENGELMAN IAN K</b>                               |
| (32) Priority Date                            | :NA                | Address of Applicant :3 RHONDA DRIVE, SCARBOROUGH, ME |
| (33) Name of priority country                 | :NA                | 04074, U.S.A.                                         |
| (86) International Application No             | :PCT/US2005/005536 | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :15/02/2005        | <b>1)ENGELMAN IAN K</b>                               |
| (87) International Publication No             | :WO 2006/088466A1  |                                                       |
| (61) Patent of Addition to Application Number | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |
| (62) Divisional to Application Number         | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |

(57) Abstract :

An orthosis having at least one adjustable joint for articulating two hinged parts of the orthosis, the joint comprises a tensor for carrying the load applied between the two hinged parts. Compression surface coupled to the hinged parts ate constructed to apply compression forces to a compression element when the angle between the two parts widens. Preferably the compression element comprises a block of resilient material. The joint allows adjustability of the unloaded angle between the hinged parts by varying the dimensions of the block, while selecting blocks having different compressional characteristics such as modulus of elasticity allows varying the degree of resistance to widening the angle between the two hinged parts. The joint is particularly advantageous in constructing an articulating leg brace.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1584/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :16/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF ZOLEDRONIC ACID THEREOF IN HIGH PURITY AND IMPROVED YIELD

|                                               |            |                                                               |
|-----------------------------------------------|------------|---------------------------------------------------------------|
| (51) International classification             | :A61K31/00 | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :NA        | <b>1)WOCKHARDT LTD</b>                                        |
| (32) Priority Date                            | :NA        | Address of Applicant :Wockhardt Towers, Bandra-Kurla Complex, |
| (33) Name of priority country                 | :NA        | Bandra (East), Mumbai 400 051. Maharashtra India              |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :NA        | <b>1)YADAV, RAM PRASAD</b>                                    |
| (87) International Publication No             | :Nil       | <b>2)SHAIKH, ZAKIR GAFOOR</b>                                 |
| (61) Patent of Addition to Application Number | :NA        | <b>3)MUKARRAM, SIDDIQUI MOHAMMED JAWEED</b>                   |
| Filing Date                                   | :NA        | <b>4)KUMAR, YATENDRA</b>                                      |
| (62) Divisional to Application Number         | :NA        |                                                               |
| Filing Date                                   | :NA        |                                                               |

(57) Abstract :

The present invention relates to an efficcient process for preparation of zoledronic acid or salt thereof, wherein the said process comprises of reacting imidazol-1-yl acetic acid or salt thereof with phosphorous acid and phosphorous trichloride to get zoledronic acid or salt thereof wherein the reaction is characterized by fact that no solvent is used in the reaction.

(54) Title of the invention : INDUSTRIAL-SCALE WIND- ENERGY-COLLECTION SYSTEM WHICH CAN BE INSTALLED IN THE SEA

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F03D3/06,F03D3/04 |
| (31) Priority Document No                     | :P200401716        |
| (32) Priority Date                            | :14/07/2004        |
| (33) Name of priority country                 | :Spain             |
| (86) International Application No             | :PCT/ES05/000403   |
| Filing Date                                   | :14/07/2005        |
| (87) International Publication No             | :WO2006/018467A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

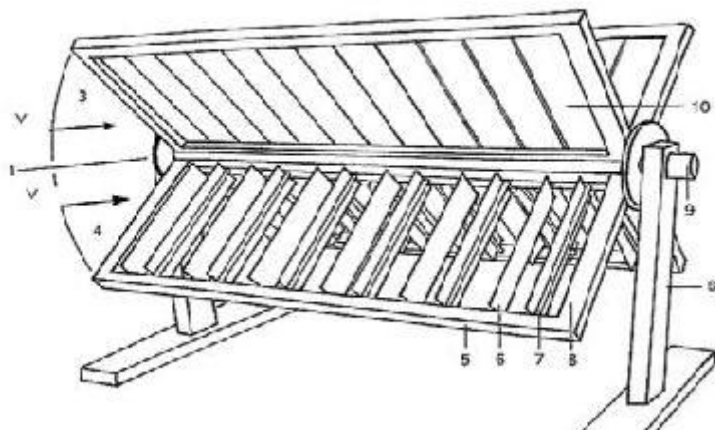
**1)BERNAL CURTO JUAN DOMINGO**Address of Applicant :AVDA. CONSTITUCION N.1 PORTAL 1, 2C,  
E 45600 TALAVERA DE LA REINA, Spain

(72)Name of Inventor :

**1)BERNAL CURTO JUAN DOMINGO**

(57) Abstract :

The invention relates to an industrial-scale wind-energy-collection system which can be installed in the sea. The inventive system comprises a main shaft (1) which is raised at the ends by two supports (S). According to the invention, several rigs extend from the aforementioned shaft, each of said rigs comprising a pair of parallel masts (8) which are connected at the ends thereof by means of a fixing bar or crossbar (5). The resulting parallelogram in each rig forms the sail surface which is divided into various different sails (6), each sail being supported by a shaft (7) that can rotate through 90°.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1589/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :16/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : LIQUID FILTER

|                                               |                 |                                                             |
|-----------------------------------------------|-----------------|-------------------------------------------------------------|
| (51) International classification             | :F01M11/03      | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :102004061108.4 | <b>1)MANN+HUMMEL GMBH</b>                                   |
| (32) Priority Date                            | :16/12/2004     | Address of Applicant :DEPT. VR-P, PLANT 5.4, HINDENBURGSTR. |
| (33) Name of priority country                 | :Germany        | 45, 71638 LUDWIGSBURG, Germany                              |
| (86) International Application No             | :NA             | (72) <b>Name of Inventor :</b>                              |
| Filing Date                                   | :NA             | <b>1)LUKA HELMUT</b>                                        |
| (87) International Publication No             | : NA            | <b>2)SCHRECKENBERGER DIETER</b>                             |
| (61) Patent of Addition to Application Number | :NA             | <b>3)LOOS RAINER</b>                                        |
| Filing Date                                   | :NA             | <b>4)KOLCZYK MARKUS</b>                                     |
| (62) Divisional to Application Number         | :NA             |                                                             |
| Filing Date                                   | :NA             |                                                             |

(57) Abstract :

The invention relates to a liquid cartridge filter, particularly for the lubricating oil of an internal combustion engine, having a substantially cup-shaped housing with a concentrically disposed outlet opening for the filtered liquid and at least one inlet opening for the liquid to be filtered and a filter element sealingly disposed between the inlet opening and the outlet opening. The housing is connected to a top plate, and the top plate is connected to an end plate. Means for releasably coupling the liquid cartridge filter to a mating part is disposed concentrically in the region of the cover plate, such that the coupling means extends axially beyond the contour of the liquid cartridge filter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1595/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :19/12/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : MOBILE PHONE OR CELLULAR PHONE DEVICE

|                                               |                     |                                                            |
|-----------------------------------------------|---------------------|------------------------------------------------------------|
| (51) International classification             | :H01M10/44,G06F1/26 | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :NA                 | <b>1)MOHAN DEWAN</b>                                       |
| (32) Priority Date                            | :NA                 | Address of Applicant : "MOHAN VILLA" 1147-B, SHIVAJINAGER, |
| (33) Name of priority country                 | :NA                 | PUNE-411 016 Maharashtra India                             |
| (86) International Application No             | :NA                 | (72) <b>Name of Inventor :</b>                             |
| Filing Date                                   | :NA                 | <b>1)MOHAN DEWAN</b>                                       |
| (87) International Publication No             | :NIL                |                                                            |
| (61) Patent of Addition to Application Number | :NA                 |                                                            |
| Filing Date                                   | :NA                 |                                                            |
| (62) Divisional to Application Number         | :NA                 |                                                            |
| Filing Date                                   | :NA                 |                                                            |

(57) Abstract :

A cellular/mobile phone having a USB port and a charging port connectable to a desktop or a laptop for data transferring services and/or charging the mobile phone battery; and a Noise Cancellation means compatible with the desktop/laptop computer, adapted to eliminate flicker on the desktop/laptop screen or crackling sound while making or receiving calls through the cellular/mobile phone.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1595/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/12/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR GRINDING MINERAL MATERIALS IN THE PRESENCE OF THICKENING AGENTS, RESULTING AQUEOUS SUSPENSIONS AND USES THEREOF

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :B02C23/18       |
| (31) Priority Document No                     | :0407803         |
| (32) Priority Date                            | :13/07/2004      |
| (33) Name of priority country                 | :France          |
| (86) International Application No             | :PCT/FR05/001716 |
| Filing Date                                   | :05/07/2005      |
| (87) International Publication No             | :WO 2006/016037  |
| (61) Patent of Addition to Application Number | :NA              |
| Filing Date                                   | :NA              |
| (62) Divisional to Application Number         | :NA              |
| Filing Date                                   | :NA              |

(71)Name of Applicant :

**1)COATEX S.A.S.**

Address of Applicant :35, RUE AMPERE, Z.I. LYON-NORD, F-69730  
GENAY, France

(72)Name of Inventor :

**1)SUAU JEAN-MARC**

**2)RUHLMANN DENIS**

**3)JACQUEMET CHRISTIAN**

**4)MONGOIN JACQUES**

(57) Abstract :

The invention concerns a process of grinding of mineral matter in water. In the presence of thickening agents, the stable suspensions of mineral matter ground in water obtained by the process according to the invention, and the use of the said suspension in aqueous formulations, in particular formulation of linings such as aqueous paints, renderings, ink, coatings, sealants, adhesive, glues, and other aqueous formulation incorporating mineral matter.

(54) Title of the invention : ISOLATED CHIMERIC PROTEINS OF MODIFIED LUMAZINE SYNTHASE

|                                               |                    |                                                                      |
|-----------------------------------------------|--------------------|----------------------------------------------------------------------|
| (51) International classification             | :C12N9/06          | (71) <b>Name of Applicant :</b>                                      |
| (31) Priority Document No                     | :P040101923        | <b>1)Goldgene LLC</b>                                                |
| (32) Priority Date                            | :03/06/2004        | Address of Applicant :Fundacion Institute F. Leloir, Avda, Particias |
| (33) Name of priority country                 | :Argentina         | Argentinas 435, C1405 Buenos Aires, Argentina                        |
| (86) International Application No             | :PCT/US2005/019289 | (72) <b>Name of Inventor :</b>                                       |
| Filing Date                                   | :03/06/2005        | <b>1)Goldbaum Fernando A</b>                                         |
| (87) International Publication No             | :WO2005/121330A2   |                                                                      |
| (61) Patent of Addition to Application Number | :NA                |                                                                      |
| Filing Date                                   | :NA                |                                                                      |
| (62) Divisional to Application Number         | :NA                |                                                                      |
| Filing Date                                   | :NA                |                                                                      |

## (57) Abstract :

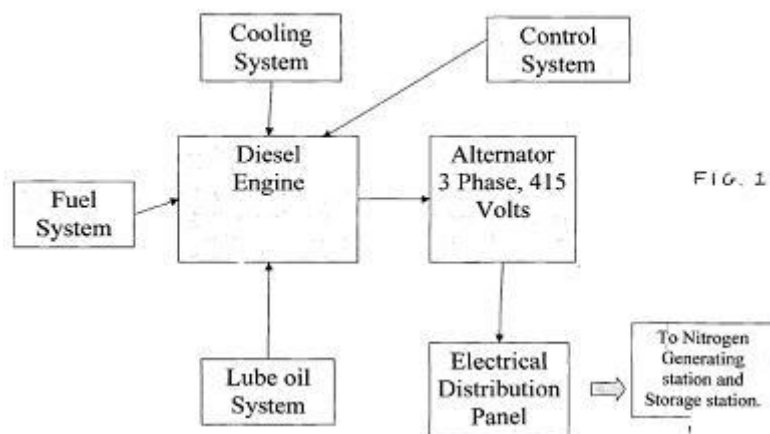
Isolated chimeric proteins including up to ten copies of peptides, polypeptides or protein domains inserted in the amino termini of the Brucella spp. Lumazine synthase enzyme. Isolated nucleotide sequences codifying the chimeric proteins. Vector, plasmids and transformed cells used for expressing the proteins. Monoclonal and polyclonal antibodies induced by the chimeric protein. Hybridomas producing the monoclonal antibodies. Vaccines and pharmaceutical compounds including the chimeric proteins, nucleotide sequences and antibodies, A method to induce an immune response in higher organisms including the administration of effective amounts of the vaccines and pharmaceutical compounds. Biosensors including the chimeric proteins. Proteins conjugates formed the chimeric proteins and ligand bound by means of covalent and noncovalent bounds. Uses of the chimeric proteins, nucleotide sequences, vectors, plasmids, transformed cells, antibodies, hybridomas, conjugates biosensors, vaccines and pharmaceutical compounds. The quaternary structure of the chimeric proteins.

(54) Title of the invention : UNIFIED PORTABLE NITROGEN GENERATING AND DISTRIBUTION STATION

|                                               |            |                                                                 |
|-----------------------------------------------|------------|-----------------------------------------------------------------|
| (51) International classification             | :B23Q11/10 | (71)Name of Applicant :                                         |
| (31) Priority Document No                     | :NA        | <b>1)KIRLOSKAR PNEUMATIC CO LTD.,</b>                           |
| (32) Priority Date                            | :NA        | Address of Applicant :Hadapsar Industrial Estate, Pune 411 013. |
| (33) Name of priority country                 | :NA        | Maharashtra India                                               |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                          |
| Filing Date                                   | :NA        | <b>1)JOSHI PRAKASH VAMAN</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 :

Unified Portable Nitrogen Generating and Distribution Station comprises of four mobile trolleys wherein from the atmospheric air,high pressured Nitrogen Gas is generated and thereafter it is passed over to the Nitrogen Gas Storage Unit wherein to maintain the moisture level,the Nitrogen Gas is passed through a high pressure dryer.The dried nitrogen is then stored into the high pressure storage cylinders for necessary dispensation through a battery opeated transport unit directly at the users' point of use.



## (54) Title of the invention : CONTROL VALVE WITH VORTEX CHAMBERS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F16K47/08         |
| (31) Priority Document No                     | :0411921.0         |
| (32) Priority Date                            | :28/05/2004        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2005/001711 |
| Filing Date                                   | :06/05/2005        |
| (87) International Publication No             | :WO2005/119109A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

## (71)Name of Applicant :

**1)IMI Vision Limited**

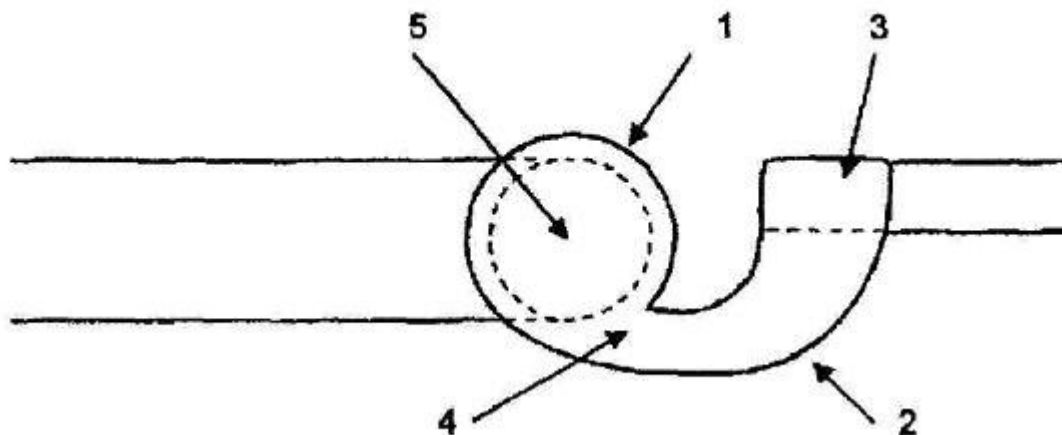
Address of Applicant :Tything Road,Alcester, Warwickshire, B49 6EU, U.K.

## (72)Name of Inventor :

**1)GOULET Douglas****2)NOES Daniel Theodore****3)FREITAS Steven**

## (57) Abstract :

A fluid control valve comprises a plurality of vortex, fluid pressure reduction chambers (1), each vortex chamber having an inlet in the form of a curved flowpath (2) having an inlet orifice (3) of defined cross sectional area which decreases along the length of the inlet flowpath to a minimum point at a throat (4) close to which it opens into the vortex chamber (1). The fluid flow within the vortex chamber takes a generally spiral flow path having both radial and axial components from the throat (4) towards an outlet (5) positioned substantially axially at an end of the vortex chamber, the curvature of the inlet flowpath being such that the direction of the therein is in substantially the same direction as the radial component of the flow within the vortex chamber.



(54) Title of the invention : FIBRE GUIDE CHANNEL

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :D01H 4/38         |
| (31) Priority Document No                     | :103 48 710.7      |
| (32) Priority Date                            | :16/10/2003        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2004/008670 |
| Filing Date                                   | :03/08/2004        |
| (87) International Publication No             | :WO2005/047579A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)SAURER GMBH & CO. KG**

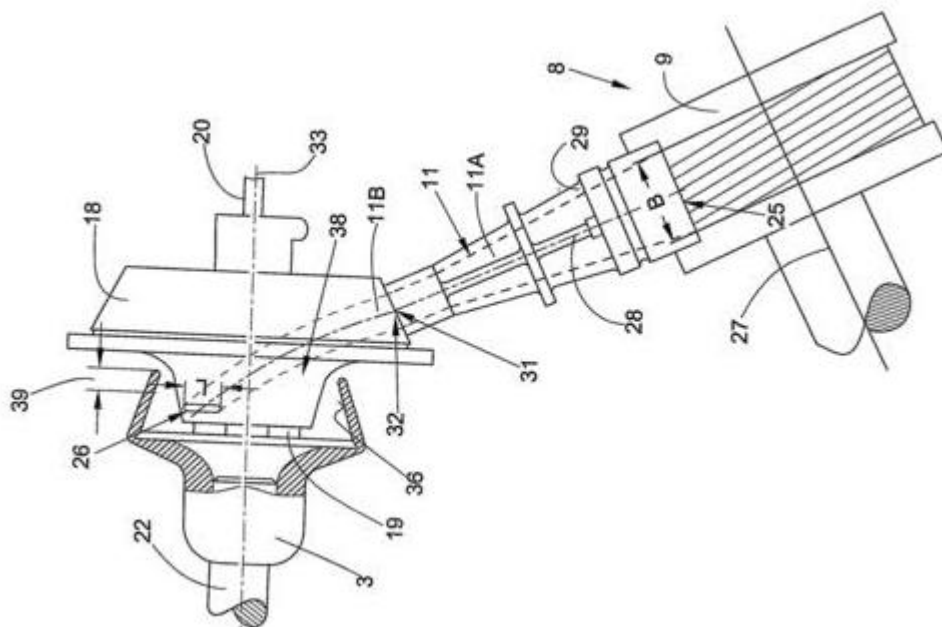
Address of Applicant :Landgrafenstrasse 45, 41069 Mönchengladbach, Germany

(72)Name of Inventor :

**1)VOIDEL, Betina****2)VOIDEL, Peter****3)SCHWABE, Bernhard****4)WASSENHOVEN, Heinz-Georg****5)GRECKSCH HANS**

(57) Abstract :

The invention relates to a fibre guide channel for the pneumatic transport of individual fibres, which are combed out of a fibre band by an opening cylinder that rotates in an opening cylinder housing of an open end spinning frame, to a spinning rotor running at high speed in a rotor housing that can be subjected to a negative pressure. On the inlet side, the width of the fibre guide channel that is located in a cover element for closing the rotor housing is adapted to the mountings of the opening cylinder. According to the invention, both the inlet opening (25) and the outlet opening (26) of the fibre guide channel (11) are configured as slots, the maximum extension (B) of the inlet opening (25) running parallel to the rotational axis (27) of the opening cylinder (9) and the maximum extension (L) of the outlet opening (26) of the fibre guide channel (11) being rotated about a longitudinal axis (28) of the fibre guide channel (11) by  $90^\circ \pm 10^\circ$  in relation to the maximum extension (B) of the inlet opening (25).



(54) Title of the invention : METHOD FOR REGULATING THE ROTATIONAL SPEED OF A CLUTCH-INDEPENDENT POWER TAKE-OFF

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B60K41/28         |
| (31) Priority Document No                     | :0302544-2         |
| (32) Priority Date                            | :24/09/2003        |
| (33) Name of priority country                 | :Sweden            |
| (86) International Application No             | :PCT/SE2004/001359 |
| Filing Date                                   | :21/09/2004        |
| (87) International Publication No             | :WO2005/028240A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)VOLVO LASTVAGNAR AB**  
Address of Applicant :S-405 08 Göteborg, Sweden

(72)**Name of Inventor :**  
**1)STEEN MARCUS**  
**2)BERGLUND SIXTEN**  
**3)ERIKSSON ANDERS**

## (57) Abstract :

Method for regulating the rotational speed of a clutch-independent power take-off (32). The power take-off (32) is driven by an engine (1) arranged in a vehicle. The engine (1) is connected to an automatic stagegeared transmission (9) by way of an automated vehicle clutch (3). At least one control unit (45) is provided for controlling the transmission (9), the vehicle clutch (3) and the engine (1). The control unit (45) controls the rotational speed of the engine (1) as a function of the position of the throttle lever (61) and controls the transmission (9) as a function of the position of a gear selector (46). The rotational speed of the engine (1) is regulated by way of a control (60) and the degree of engagement of the vehicle clutch (3) is regulated by way of the throttle lever (61) when the power take-off (32) is engaged and a drive position is selected by way of the gear selector (46). The rotational speed of the engine (1) is automatically reduced when equipment engaged to the power take-off (32) approaches a limit position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.173/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/02/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR GEOMETRICAL HARMONIC MODULATION

|                                               |                  |                                                                |
|-----------------------------------------------|------------------|----------------------------------------------------------------|
| (51) International classification             | :H04B 3/54       | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :2003131978      | <b>1)DIS PLUS LTD</b>                                          |
| (32) Priority Date                            | :31/10/2003      | Address of Applicant :ul. 16-Th Parkovaya, 26, Moscow, 105484, |
| (33) Name of priority country                 | :Russia          | Russia                                                         |
| (86) International Application No             | :PCT/RU04/000390 | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :07/10/2004      | <b>1)SOKOLOV, Yuri Borisovich</b>                              |
| (87) International Publication No             | :WO2005/043774A1 | <b>2)SAHAROV, Valery Viktorovich</b>                           |
| (61) Patent of Addition to Application Number | :NA              |                                                                |
| Filing Date                                   | :NA              |                                                                |
| (62) Divisional to Application Number         | :NA              |                                                                |
| Filing Date                                   | :NA              |                                                                |

(57) Abstract :

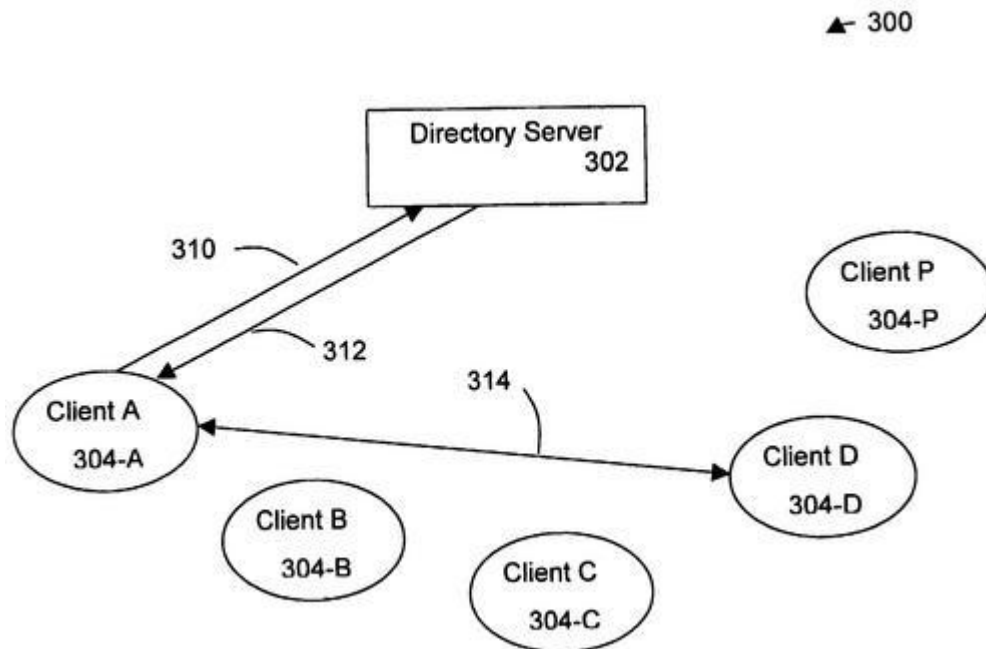
The invention relates to electrical network communications engineering and can be used for automatic data acquisition from intrusion and fire-alarm sensors, electric meters, heat, water and gas consumption meters and from the fiscal memory of cash control monitors. Said invention makes it possible to substantially reduce the energy consumption by the slave nodes of a system and/or increase the range of action thereof. In order to encode each symbol of transmitted data, a random or pseudorandom set of differences of initial pairs of nearest harmonic pairs are used. Said difference sets of the initial phases are selected in such a way that the peak factor of an added signal is minimised. When a fire-alarm sensor is actuated, it is sufficient to transmit only one symbol to an alarm panel which, unambiguously identifies the location of the active sensor and as a rule is embodied in the form of a conventional number or address pre-allocated to said sensor.

(54) Title of the invention : METHOD AND APPARATUS FOR PEER TO PEER SERVICES

|                                               |                 |                                                                    |
|-----------------------------------------------|-----------------|--------------------------------------------------------------------|
| (51) International classification             | :H04L29/08      | (71) <b>Name of Applicant :</b>                                    |
| (31) Priority Document No                     | :60/303,706     | <b>1)INTEL CORPORATION</b>                                         |
| (32) Priority Date                            | :06/07/2001     | Address of Applicant :2200 Mission College Boulevard, Santa Clara, |
| (33) Name of priority country                 | :U.S.A.         | California 95052, U.S.A.                                           |
| (86) International Application No             | :PCT/US02/21205 | (72) <b>Name of Inventor :</b>                                     |
| Filing Date                                   | :03/07/2002     | <b>1)DERMOT HONAN</b>                                              |
| (87) International Publication No             | :WO2003/005246  | <b>2)MARTIN CURLEY</b>                                             |
| (61) Patent of Addition to Application Number | :NA             | <b>3)IVAN HARROW</b>                                               |
| Filing Date                                   | :NA             | <b>4)DAVID FLEMING</b>                                             |
| (62) Divisional to Application Number         | :NA             | <b>5)FRANK DALY</b>                                                |
| Filing Date                                   | :NA             |                                                                    |

(57) Abstract :

A method and apparatus for peer-to-peer services have been described.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.186/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/02/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : THERAPY ENHANCING GLUCAN

|                                               |                    |                                                            |
|-----------------------------------------------|--------------------|------------------------------------------------------------|
| (51) International classification             | :C08B37/00         | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :10/621,027        | <b>1)SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH</b>     |
| (32) Priority Date                            | :16/07/2003        | Address of Applicant :1275 York Avenue, New York, NY 10021 |
| (33) Name of priority country                 | :U.S.A.            | U.S.A.                                                     |
| (86) International Application No             | :PCT/US2004/023099 | (72) <b>Name of Inventor :</b>                             |
| Filing Date                                   | :16/07/2004        | <b>1)NAI-KONG V CHEUNG</b>                                 |
| (87) International Publication No             | :WO2005/018544     |                                                            |
| (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 a method for introducing substances into cells comprising contacting a composition comprising orally administered beta-glucan with said cells. This invention also provides a method for introducing substances into a subject comprising administering to the subject an effective amount of the above compositions. The substance which could be delivered orally includes but is not limited to peptides, proteins, RNAs, DNAs, chemotherapeutic agents, biologically active agents, plasmids, and other small molecules and compounds. Finally, this invention provides a composition comprising orally administered beta-glucan capable of enhancing efficacy of IgM and different uses of the said composition.

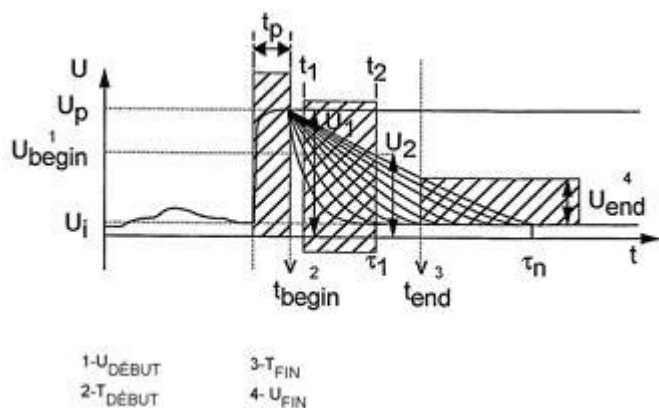
(54) Title of the invention : METHOD FOR THE MAGNETIC-INDUCTIVE DETERMINATION OF THE FLOW RATE OF A MEDIUM

(51) International classification :G01F1/60  
 (31) Priority Document No :103 35 205.8  
 (32) Priority Date :30/07/2003  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP04/007976  
 Filing Date :16/07/2004  
 (87) International Publication No :WO2005/012842A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)ENDRESS + HAUSER FLOWTEC AG**  
 Address of Applicant :Kägenstrasse 7, CH-4153 Reinach Switzerland  
 (72)**Name of Inventor :**  
**1)BUDMIGER THOMAS**

(57) Abstract :

The invention relates to a magnetic-inductive method for determining the flow rate of a medium that penetrates a measuring tube (2) in the direction of the axis thereof. In order to be able to detect the formation of a coating at an early stage and with great reliability, a test pulse ( $U_p$ ) having a defined duration ( $t_p$ ) is applied to the measuring electrode (3, 4); at least one response signal to the test pulse ( $U_p$ ) is determined at least at two measurement times ( $t_1$ ,  $t_2$ ) located within a time slot ( $t_{end}$  to  $t_{begin}$ ) which is selected such that no foreseeable unwanted signals occur at the measuring electrode (3, 4) during said time slot ( $t_{end}$  to  $t_{begin}$ ); the relaxation period ( $t$ ) or the time it takes the measuring electrode (3, 4) to reach a predefined discharged state ( $U_i$ ) is determined based on the response signal determined at the measurement times ( $t_1$ ,  $t_2$ ); a malfunction of the measuring electrode (3, 4) is or can be detected based on the determined relaxation period ( $t$ ) or the time it takes the measuring electrode (3, 4) to reach the defined discharged state ( $U_i$ ).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.195/MUM/2002 A

(19) INDIA

(22) Date of filing of Application :28/02/2002

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMPROVED AUTOMATIC SECURITY ALARM DEVICE SYSTEM

|                                               |            |                                                        |
|-----------------------------------------------|------------|--------------------------------------------------------|
| (51) International classification             | :G08B25/00 | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :NA        | <b>1)SANJAY PHILIMON</b>                               |
| (32) Priority Date                            | :NA        | Address of Applicant :PLOT NO. 40, ASHOK VIHAR,RAMPUR, |
| (33) Name of priority country                 | :NA        | JABALPUR 428008, Madhya Pradesh India                  |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                         |
| Filing Date                                   | :NA        | <b>1)SANJAY PHILIMON</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 relate to improved automatic security alarm device which is capable to buzzer/siren and capable of making a telephone call by it self. It is also capable of closing the main door by using electro-magnetic system.

(54) Title of the invention : BENZOQUINOLIZINE-2- CARBOXYLIC ACID ARGININE SALT TETRAHYDRATE

(51) International classification :C07D 471/06  
(31) Priority Document No :915/MUM/2003  
(32) Priority Date :04/09/2003  
(33) Name of priority country :India  
(86) International Application No :PCT/IN2003/00421  
Filing Date :31/10/2003  
(87) International Publication No :WO/2005/023805  
(61) 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 :Wockhardt Towers, Bandra-Kurla Complex,  
Bandra (East), Mumbai-400 051 Maharashtra India

(72)Name of Inventor :

**1)PRASAD KESHAV DESHPANDE**

**2)VIJAYA NARAYAN DESAI**

**3)RAVINDRA DATTATRAYA YEOLE**

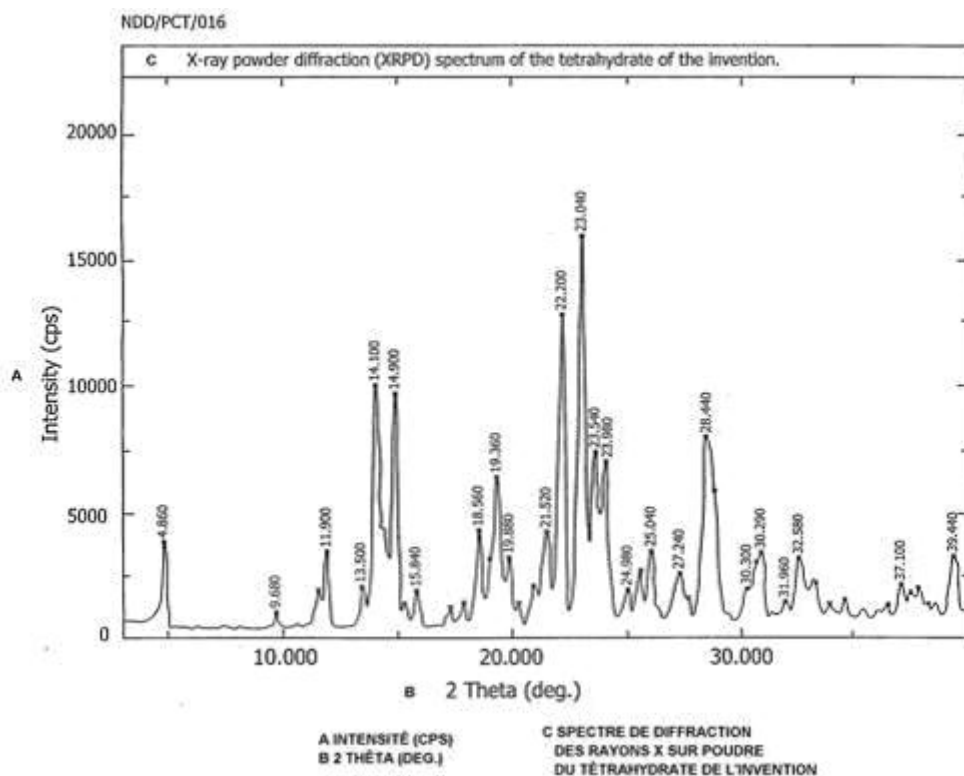
**4)SHRIKANT VINAYAK GUPTA**

**5)MAHESH VITHALBHAI PATEL**

**6)NOEL JOHN DE SOUZA**

(57) Abstract :

The invention relates to crystalline S-(-)-9-fluoro-6,7-dihydro-8-(4-hydroxypiperidin-1-yl)-5-methyl-1-oxo-1H,5H-benzo[i,j]quinolizine-2-carboxylic acid L-arginine salt tetrahydrate, a process for its preparation and pharmaceutical formulations incorporating it as the active ingredient for use in treating microbial infections.



(54) Title of the invention : POWER UNIT FOR MOTORCYCLE AND MOTORTRICYCLE

(51) International classification

:F16H9/12

B62M9/08

(31) Priority Document No

:2003.006711

(32) Priority Date

:15/01/2003

(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)HONDA MOTOR CO. LTD.**

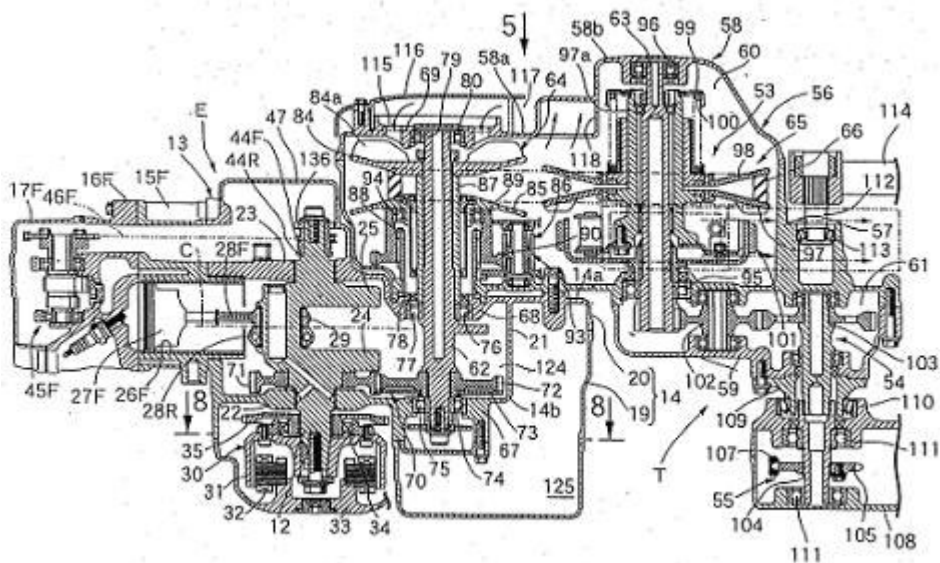
Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, Japan

(72)Name of Inventor :

**1)HIDEO ISHIKAWA**

(57) Abstract :

In a power unit for motorcycles or motortricycles in which a belt stepless transmission is provided, a transmission gear train is provided between the portion of a crankshaft closer to one end thereof and a drive pulley shaft, and a cam chain is wound around a drive sprocket secured to the other end of the crankshaft, to reduce the length of the power unit in the fore-and-aft direction and to shorten the wheelbase. A power generator 30 is mounted to one end of a crankshaft 12, a midsection of a drive pulley shaft 62 to be disposed at such position that part of a drive pulley 64 overlaps a power generator 30 in side view is rotatably supported by an intermediate bearing 68 provided on a crankcase 14, and a pulley drive unit 86 for driving a drive-side movable pulley 85, which is slidably mounted to the drive pulley shaft 62, in the axial direction is disposed at the position corresponding to drive sprockets 44F, 44R in the direction of axis of the crankshaft 12.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.208/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/02/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD AND APPARATUS TO CONTROL OUTSIDE DIAMETER OF DEPOSITION TUBE MADE BY CHEMICAL VAPOR DEPOSITION PROCESS

|                                               |             |                                                               |
|-----------------------------------------------|-------------|---------------------------------------------------------------|
| (51) International classification             | :C03B37/018 | (71)Name of Applicant :                                       |
| (31) Priority Document No                     | :NA         | <b>1)STERLITE OPTICAL TECHNOLOGIES LIMITED</b>                |
| (32) Priority Date                            | :NA         | Address of Applicant :E-2, MIDC, AURANGABAD Maharashtra India |
| (33) Name of priority country                 | :NA         | <b>2)NAGESWARAN SENTHIL KUMAR</b>                             |
| (86) International Application No             | :NA         | <b>3)VISHAL BHARGAV</b>                                       |
| Filing Date                                   | :NA         | (72)Name of Inventor :                                        |
| (87) International Publication No             | :NA         | <b>1)NAGESWARAN SENTHIL KUMAR</b>                             |
| (61) Patent of Addition to Application Number | :NA         | <b>2)VISHAL BHARGAV</b>                                       |
| Filing Date                                   | :NA         |                                                               |
| (62) Divisional to Application Number         | :NA         |                                                               |
| Filing Date                                   | :NA         |                                                               |

(57) Abstract :

A method and apparatus for controlling the outside tube diameter of deposition tube during deposition process and the said method comprising the steps of: (a) determining the total pressure required inside the tube to obtain the desired outside tube diameter, wherein said total pressure is determined based on dopant concentration of glass tube, measured tube diameter, predetermined set diameter and measured tube temperature; (b) determined the flow rate of inert gas required inside the said tube is based on the measured pressure and total pressure (P) required inside the tube; (c) injecting said inert gas inside the soot box chamber, which is connected with said deposition tube thereby controlling the required total pressure inside the tube.

(54) Title of the invention : VACCINE FORMULATIONS COMPRISING AN OIL-IN-WATER EMULASION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K39/39         |
| (31) Priority Document No                     | :60/490,345        |
| (32) Priority Date                            | :24/07/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/024027 |
| Filing Date                                   | :26/07/2004        |
| (87) International Publication No             | :WO2005/009462A2   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)MERIAL LIMITED**

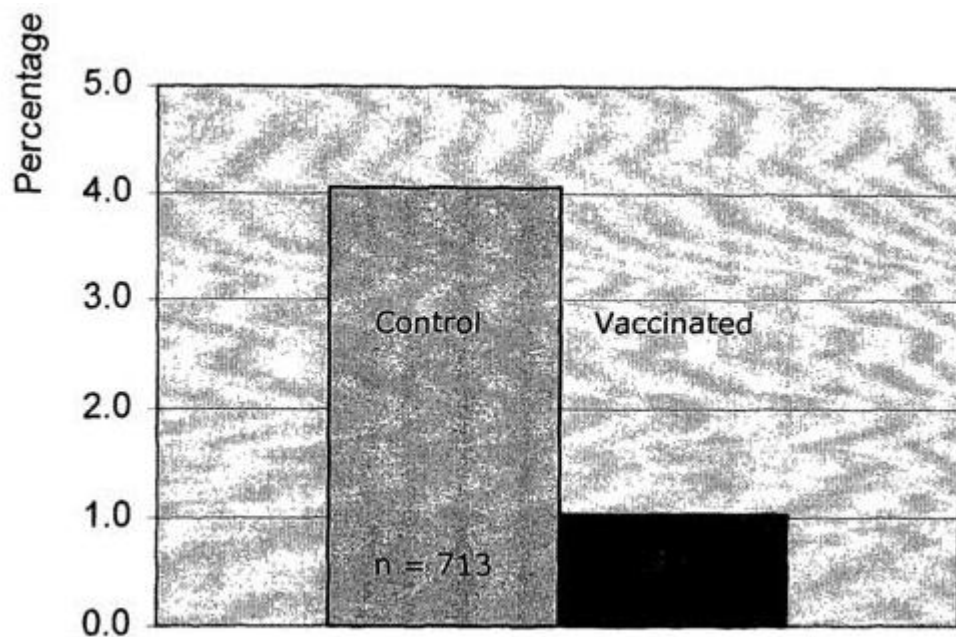
Address of Applicant :3239 Satellite Blvd., Duluth, GA 30096, U.S.A.

(72)Name of Inventor :

**1)PARISOT, Alexis, Guy, Andre****2)DESGOUILLES-BLECHET, Stephanie, Marie-Catherine****3)NORDGREN, Robert, M****4)CHARREYRE, Catherine**

(57) Abstract :

The present invention provides for an oil-in-water (O/W) emulsion, with increased stability in the presence of bacterial or viral suspensions, especially those concentrated and non-purified or weakly purified. The emulsion of the present invention can act as vehicle for the delivery of a pharmaceutical composition comprising at least one immunogen and, in particular, an immunogen selected from the group comprising an inactivated pathogen, an attenuated pathogen, a subunit, a recombinant expression vector, and a plasmid or combinations thereof. In one embodiment, the present invention provides for an injectable oil-in-water (O/W) emulsion comprising: (1) an aqueous solution containing an immunogen, said immunogen selected from the group comprising an inactivated *Mycoplasma hyopneumoniae* bacterium, an inactivated d porcine circovirus type 2 (PCV-2) virus or combinations thereof; (2) a mineral oil; (3) a non-ionic lipophilic surfactant; and (4) a non-ionic hydrophilic surfactant having a low HLB value which comprises ethoxylated fatty acid diesters of sorbitan (generally having HLB value between 11 and 13); (5) a non-ionic hydrophilic surfactant having a high HLB value between 13 and 40.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.219/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/02/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : MICROCAPSULES LOADED WITH ACTIVE INGREDIENTS AND A METHOD FOR THEIR PREPARATION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B01J13/18         |
| (31) Priority Document No                     | :60/491,295        |
| (32) Priority Date                            | :31/07/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IL2004/000702 |
| Filing Date                                   | :01/08/2004        |
| (87) International Publication No             | :WO2005/009604A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)SOL-GEL TECHNOLOGIES LTD**

Address of Applicant :Industrial Zone West, P.O. Box 367, 99100 Beit Shemesh, Israel

(72)**Name of Inventor :**

**1)NAIGERTSIK OLEG**

**2)ROTHSCHILD SOREL**

**3)ROTTMAN, CLAUDIO**

(57) Abstract :

The invention relates to microcapsules having a core material encapsulated within a microcapsular shell, the core material comprises at least one active ingredient, wherein the microcapsular shell comprises at least one inorganic polymer comprising polymerized precursors obtained by in situ polymerization of the precursors; wherein the concentration of the core material based total weight of the microcapsules is above 95% w/w. The invention further relates to a composition and to a suspension comprising the microcapsules. The invention additionally relates to a process for preparing the microcapsules.



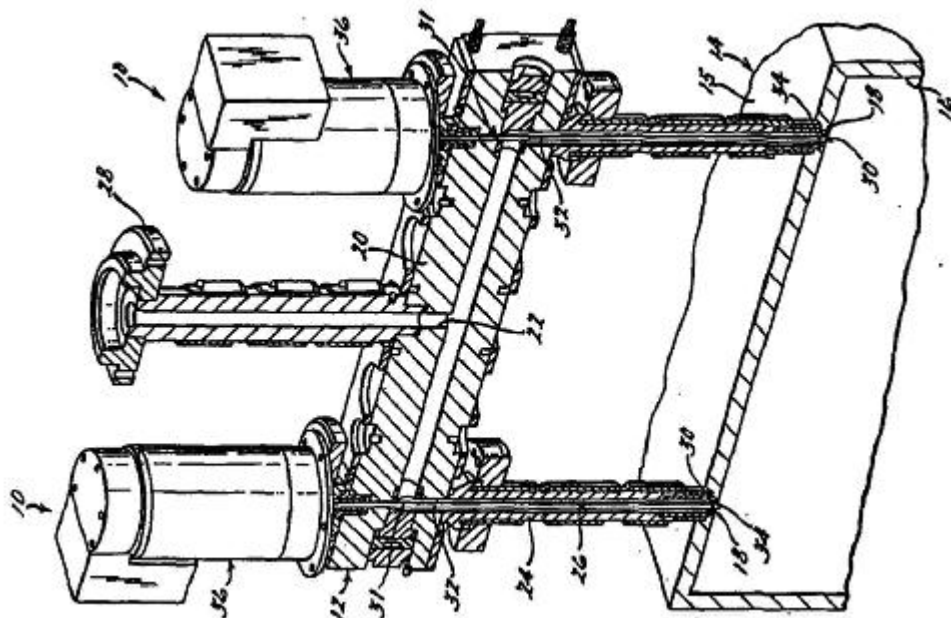
## (54) Title of the invention : VALVE GATE ASSEMBLY

(51) International classification :B29C45/80  
 (31) Priority Document No :60/519,312  
 (32) Priority Date :11/11/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/037398  
 Filing Date :10/11/2004  
 (87) International Publication No :WO2005/046953A2  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)PLASTIC ENGINEERING & TECHNICAL SERVICES, INC.**  
 Address of Applicant :4141 Luella Lane, Auburn Hills, MI 48326,  
 U.S.A.  
 (72)**Name of Inventor :**  
**1)TOOMAN, Patrick, A**  
**2)CASEY, Bruce**

## (57) Abstract :

A valve gate assembly for regulating a flow of molten material into a mold (14). The valve gate assembly includes a movable valve (32) that can move between a fully closed position and a fully open position. The valve gate assembly further includes an actuating system (36) operatively cooperating with the valve to move the valve and infinitely position the valve between the fully closed position and the fully open position.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.226/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :01/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : TRANSFER MECHANISM

|                                               |                  |                                                                                                                                                                                    |
|-----------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B65G47/00,35/00 | (71) <b>Name of Applicant :</b><br><b>1)LELE PRADEEP PURUSHOTTAM</b><br>Address of Applicant :7 MAHADEV DARSHAN OPP JEEVAN<br>VIKAS KENDRA KOLDONGRI ANDHRI (E). 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><br><b>1)LELE PRADEEP PURUSHOTTAM</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 transfer mechanism for a conveyor system for smooth transferring of an article, without any damage from a conveyor to a station, such as weighing station or grading station or vice versa, comprising of a lifting device and a complementry section matching with the construction of the lifting device, the said lifting device consisting of a plurality of finger elements connected at one end to a connector bracket, the said finger elements being placed side by side in spaced apart manner and the said bracket being provided with a bore for mounting the said lifting device on a moving arm, the said complementry section consisting of a plurality of receiving elements interconnected to a transverse bar and placed side by side forming an array for receiving and holding the article in a stable fashion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.226/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/02/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : EXTENDED RELEASE FORMULATION OF  $\beta$ -LACTAM ANTIBIOTICS

|                                               |                 |                                                                    |
|-----------------------------------------------|-----------------|--------------------------------------------------------------------|
| (51) International classification             | :A61K9/20       | (71) <b>Name of Applicant :</b>                                    |
| (31) Priority Document No                     | :NA             | <b>1)LUPIN LIMITED</b>                                             |
| (32) Priority Date                            | :NA             | Address of Applicant :159 CST Road, Kalina, Santracruz (E), Mumbai |
| (33) Name of priority country                 | :NA             | Maharashtra India                                                  |
| (86) International Application No             | :PCT/IN03/00326 | (72) <b>Name of Inventor :</b>                                     |
| Filing Date                                   | :30/09/2004     | <b>1)BHAMARE SHAILESH</b>                                          |
| (87) International Publication No             | :WO2005/030178  | <b>2)BHUSAN INDU</b>                                               |
|                                               | A1              | <b>3)SEN HIMADRI</b>                                               |
| (61) Patent of Addition to Application Number | :NA             |                                                                    |
| Filing Date                                   | :NA             |                                                                    |
| (62) Divisional to Application Number         | :NA             |                                                                    |
| Filing Date                                   | :NA             |                                                                    |

(57) Abstract :

A pharmaceutical composition for controlled drug delivery comprising a  $\beta$ -lactam antibiotic or its pharmaceutically acceptable hydrates, salts or esters, and one or more carbomers. The above  $\beta$ -lactam antibiotics formulation avoids the limitations of known  $\beta$ -lactam controlled release form which are found to be either complex and/or cost-extensive to obtain requiring multiphase and/or selective coatings or fail to achieve the desired controlled release for once daily dosage form. Importantly, in the  $\beta$ -lactam antibiotic form of the above the rate-controlling polymer wherein the Cmax of the formulation is substantially the same as that of a single dose of the immediate release formulation. Also advantageously the formulation achieves a rate controlling polymer wherein the T > MIC for the formulation is more than 17 hours when the MIC is 0.25 mcg/ml and more than 10 hours when the MIC is 2 mcg/ml. The above  $\beta$ -lactam antibiotic form is thus directed to serve as the much desired simple and cost-effective controlled release form suitable for once daily administration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.227/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :01/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD OF INVISIBLE SETTING OF STONES ON CASTED MOUNTINGS FOR FASHION PIECES & JEWELRY

|                                               |                     |                                                                                                                                                                                                   |
|-----------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A44C17/04,B22C9/22 | (71) <b>Name of Applicant :</b><br><b>1)TARA ULTIMO PRIVATE LIMITED.</b><br>Address of Applicant :PLOT NO. 29(P) & 30(P), CUB PLOT 'A',<br>SEEPZ, ANDHERI (EAST) MUMBAI-400 096 Maharashtra India |
| (31) Priority Document No                     | :NA                 | (72) <b>Name of Inventor :</b><br><b>1)DHARMESH H MEHTA</b>                                                                                                                                       |
| (32) Priority Date                            | :NA                 |                                                                                                                                                                                                   |
| (33) Name of priority country                 | :NA                 |                                                                                                                                                                                                   |
| (86) International Application No             | :NA                 |                                                                                                                                                                                                   |
| Filing Date                                   | :NA                 |                                                                                                                                                                                                   |
| (87) International Publication No             | :Nil                |                                                                                                                                                                                                   |
| (61) Patent of Addition to Application Number | :NA                 |                                                                                                                                                                                                   |
| Filing Date                                   | :NA                 |                                                                                                                                                                                                   |
| (62) Divisional to Application Number         | :NA                 |                                                                                                                                                                                                   |
| Filing Date                                   | :NA                 |                                                                                                                                                                                                   |

(57) Abstract :

This invention pertains to a method of invisible setting of stones of different shapes on the commercially marketed fashion pieces/jewellery. Invisible-set stones are placed tightly next to each other with the metal concealed underneath the grooved stones thereby allowing them to form a continuous surface or platform. The stones so set appear as a single-piece of big stone created by assembling the smaller stones lined adjacent to each other. Profile edges or undercuts are created so as to match the grooving on the stone whereby the metal gets flared elastically and gets clicked on the groove of the stone and the static pressure of the metal at the underneath of the grooved stones holds the stones firmly.

(54) Title of the invention : COMBINATION THERAPY FOR GLYCAEMIC CONTROL

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :A61K31/40       |
| (31) Priority Document No                     | :60/499,535      |
| (32) Priority Date                            | :02/09/2003      |
| (33) Name of priority country                 | :U.S.A.          |
| (86) International Application No             | :PCT/IB04/003082 |
| Filing Date                                   | :02/09/2004      |
| (87) International Publication No             | :WO2005/020983A2 |
| (61) Patent of Addition to Application Number | :NA              |
| Filing Date                                   | :NA              |
| (62) Divisional to Application Number         | :NA              |
| Filing Date                                   | :NA              |

(71)Name of Applicant :

**1)PROSIDION LIMITED**

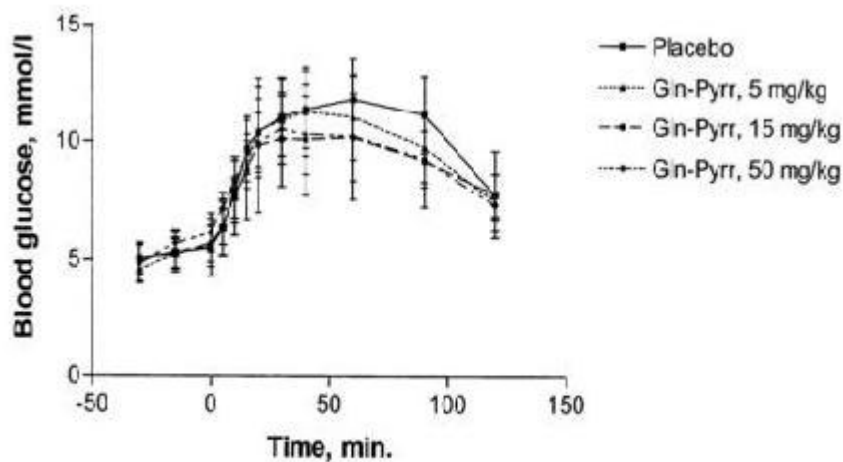
Address of Applicant :WINDRUSH COURT, WATLINGTON ROAD, OXFORD, OX4 6LT, U.K.

(72)Name of Inventor :

**1)Demuth HansUlrich****2)Glund Konrad****3)HOFFMANN, Matthias**

(57) Abstract :

The present invention relates to a method of treatment, in particular to a method for the treatment of diabetes mellitus, especially non-insulin dependent diabetes mellitus (NIDDM) or Type 2 diabetes and conditions associated with diabetes mellitus the prediabetic state and/or obesity and to compositions for use in such in method.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.229/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :01/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A DEVICE FOR ELIMINATING /REMOVING EXCESS FILAMENTS OF NOODLE CAKES

|                                               |            |                                                          |
|-----------------------------------------------|------------|----------------------------------------------------------|
| (51) International classification             | :B65H54/00 | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :NA        | <b>1)MULTI PACK SYSTEMS PVT. LTD.</b>                    |
| (32) Priority Date                            | :NA        | Address of Applicant :2ND FLOOR, PATRIOT COMPLEX, ELLORA |
| (33) Name of priority country                 | :NA        | PARK, BARODA-390007, Gujarat India                       |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :NA        | <b>1)RAMESHCHANDRA REVABHAI PATEL</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 device for aligning the filaments of a noodle cake, said device comprising a conveying/transporting means for transporting the noodle cake from a receiving end to the outgoing end, at least one aligning means for aligning the filaments of the noodle cake; and at least one location adjusting means to the said aligning means for adjusting the location of the same with respect to the said conveying means.

(54) Title of the invention : PROCESS FOR THE PREPARATION OF MICROSPHERES OR MICROCAPSULES

(51) International classification

:B01J13/02  
B01J13/00

(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)SUN PHARMACEUTICAL INDUSTRIES LTD.**Address of Applicant :ACEME PLAZA, ANDHERI-KURLA ROAD,  
ANDHERI (E), MUMBAI Maharashtra India

(72)Name of Inventor :

**1) AJAY J. KHOPADE****2)ALEX GEORGE****3)SUBHAS BALARAM BHOWMICK**

(57) Abstract :

The present invention provides a process for the manufacture of free-flowing uniformly sized microspheres or microcapsules for the sustained release of therapeutically active ingredient, the process comprising: a. preparing a first dispersed phase comprising a therapeutically active ingredient, a biodegraded polymer and an organic solvent; b. mixing the first dispersed phase with an aqueous phase to form an emulsion; c. spraying the emulsion into a vessel equipped with organic solvent removal means. d. passing the suspension of microcapsules through a first screen to remove large sized microspheres or microcapsules having a size greater than the mesh size of the first screen and then through a second screen to remove microspheres or microcapsules having a size smaller than the mesh size of the second screen, thereby collecting a fractionated size of the microspheres or microcapsules on the surface of the second screen; e. drying the microspheres or microcapsules wherein steps a to e are carried out without manual intervention, in equipment connected in series, substantially unexposed to the environment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.237/MUM/2002 A

(19) INDIA

(22) Date of filing of Application :11/03/2002

(43) Publication Date : 29/06/2007

(54) Title of the invention : SERVO PNEUMATIC DRIVEN ZIP TAPE ATTACHMENT ON FORM FILL SEAL MACHINES

|                                               |            |                                                                    |
|-----------------------------------------------|------------|--------------------------------------------------------------------|
| (51) International classification             | :A44B19/00 | (71) <b>Name of Applicant :</b><br><b>1)HARISH PRABHAKAR JOSHI</b> |
| (31) Priority Document No                     | :NA        | Address of Applicant : 'SAWALI' 857 BHANDARKAR INSTITUTE           |
| (32) Priority Date                            | :NA        | ROAD, SHIVAJINAGAR, PUNE Maharashtra India                         |
| (33) Name of priority country                 | :NA        | (72) <b>Name of Inventor :</b>                                     |
| (86) International Application No             | :NA        | <b>1)HARISH PRABHAKAR JOSHI</b>                                    |
| Filing Date                                   | :NA        |                                                                    |
| (87) International Publication No             | :NIL       |                                                                    |
| (61) Patent of Addition to Application Number | :NA        |                                                                    |
| Filing Date                                   | :NA        |                                                                    |
| (62) Divisional to Application Number         | :NA        |                                                                    |
| Filing Date                                   | :NA        |                                                                    |

(57) Abstract :

Servo pneumatic driven zip tape attachment on form fill seal machines comprising of on attachment on form fill seal type pouch packaging machines to apply pre sealed re closable zips on the packaging film web precisely at specific intervals as per required pouch length and subsequent welding of zip in position on film web. The film web thus welded with pre sealed re closable zip tape on it will travel to the forming collar of the machine to get formed in to pouch automatically. A special arrangement in horizontal sealing will ensure the sealing of other un-welded surface to the opposite inner surface of the pouch. Thus enabling the machine to produce reclosable pouches for repetitive uses. The pre sealed zip made in combination of polymers is weldable on laminate film being used on form fill machines. The dovetail male female construction and inherent high elastic material property of zip enables repetitive opening and closure.



(54) Title of the invention : LOCALLY STORING BIOLOGICAL SPECIMEN DATA TO A SLIDE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06F19/00         |
| (31) Priority Document No                     | :10/656,092        |
| (32) Priority Date                            | :05/09/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/027439 |
| Filing Date                                   | :23/08/2004        |
| (87) International Publication No             | :WO 2005/027014 A2 |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)CYTYC CORPORATION**

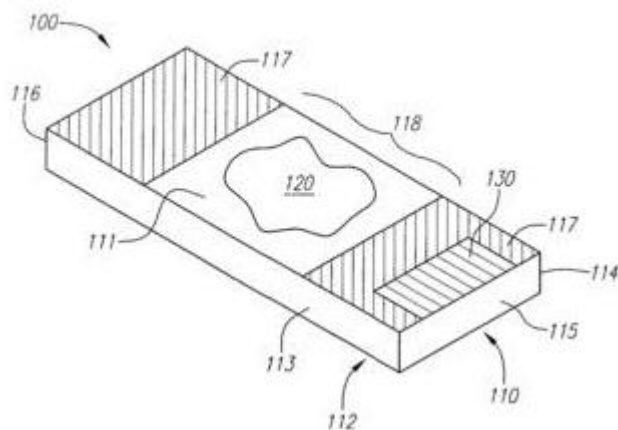
Address of Applicant :250 Campus Drive Marlborough, Massachusetts 01752, U.S.A.

(72)Name of Inventor :

**1)ALBANY, Peter**

(57) Abstract :

Apparatus for analyzing biological specimens, including storing data relating to the analysis in a read/write data storage device attached to specimen carrier. The data storage device can be a Radio Frequency Identification (RFID) tag, a magnetic device, or a an optical device.



(54) Title of the invention : FUSED AZABICYCLIC COMPOUNDS THAT INHIBIT VANILLOID RECEPTOR SUBTYPE (VR1) RECEPTOR

(51) International classification :C07D217/24  
 (31) Priority Document No :10/634,678  
 (32) Priority Date :05/08/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/025109  
 Filing Date :04/08/2004  
 (87) International Publication No :WO2005/016890A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

**1)Abbott Laboratories**

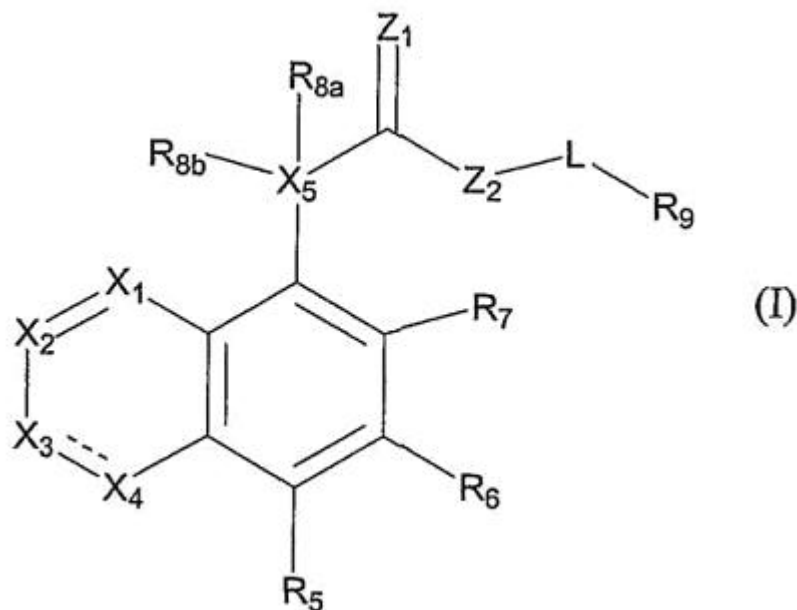
Address of Applicant :Dept. 377 Bldg AP6A-1, 100 Abbott Park Road,  
 Abbott Park,IL 60064-6008, U.S.A.

## (72)Name of Inventor :

**1)LEE CHIH-HUNG****2)BAYBURT, Erol****3)DIDOMENICO,Stanley****4)DRIZIN, Irene****5)GOMTSYAN, Arthur****6)KOENIG,John****7)PENNER, Richard****8)SCHMIDT, Robert****9)TURNER, Sean****10)WHITE, Tammie****11)ZHENG, Guo Zhu**

## (57) Abstract :

Compounds of Formula (I), are novel VR1 antagonists that are useful in treating pain, inflammatory thermal hyperalgesia, urinary incontinence and bladder overactivity.



(54) Title of the invention : A Rapid Comb Test for Confirmation of HIV-1 and/or HIV-2 Antibodies In The Human Blood, Serum And Plasma

(51) International classification

:G01N33/549  
G01N33/68

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:Nil

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SPAN DIAGNOSTICS LIMITED**Address of Applicant :173-B, New Industrial Estate, Udhna, Surat-  
394210, Gujarat India

(72)Name of Inventor :

**1)DR. PRADIP KESHAVLAL DESAI****2)HIMANSHU CHAMPAKLAL MODY**

(57) Abstract :

The present invention provides a device for rapid confirmatory testing of HIV-1 + 2 in a comb format comprising: a test comb with at least eight teeth, six teeth coated with HIV antigens, one tooth coated with HIV-2 antigen and one tooth for positive control, and said teeth are coated with protein A solution for control.

POLYSTYRENE COMB

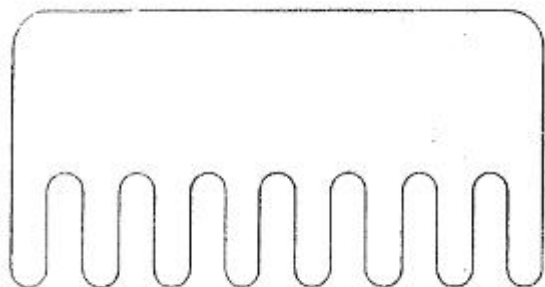


FIGURE 01

(12) PATENT APPLICATION PUBLICATION

(21) Application No.244/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :02/03/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR INHIBITING THE EXPRESSION OF A TARGET GENE AND MEDICAMENT FOR TREATING A TUMOR DISEASE

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :C12N15/11       |
| (31) Priority Document No                     | :101 00 586.5-41 |
| (32) Priority Date                            | :09/01/2001      |
| (33) Name of priority country                 | :Germany         |
| (86) International Application No             | :PCT/EP02/00151  |
| Filing Date                                   | :09/01/2002      |
| (87) International Publication No             | :WO/2002/055692  |
| (61) Patent of Addition to Application Number | :NA              |
| Filing Date                                   | :NA              |
| (62) Divisional to Application Number         | :540/MUMNP/2003  |
| Filed on                                      | :27/05/2003      |

(71)Name of Applicant :

**1)RIBOPHARMA AG**

Address of Applicant :UNIVERSITATSSTR. 30, 95447 BAYREUTH, Germany

(72)Name of Inventor :

**1)KREUTZER, Roland**

**2)LIMMER Stefan**

**3)VORNLOCHER, Hans-Peter**

**4)HADWIGER, Philipp**

**5)GEICK, Anke**

**6)OCKER, Matthias**

**7)HEROLD, Christoph**

**8)SCHEPPAN, Detlef**

(57) Abstract :

Method for inhibiting the expression of at least one target gene that inhibits or prevents apoptosis in a tumor cell, whereby at least one double-stranded ribonucleic acid (dsRNA), whose strand S1 exhibits a region consisting of fewer than 25 sequential nucleotides that is at least segmentally complementary to the target gene is introduced into the tumor cell, whereby only the end of the dsRNA located at the 3"-end of the strand S1 exhibits at the 3"-end of the strand S1 a single-stranded overhang consisting of 1 to 4 nucleotides.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.246/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : FURNACE SEALING FOR FULL LENGTH PREFORM DRAWING

(51) International classification

:C03B37/00  
C21B7/00

(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

:Nil

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)STERLITE OPTICAL TECHNOLOGIES LIMITED**

Address of Applicant :E-2, MIDC, Aurangabad, Maharashtra India

(72)Name of Inventor :

**1)ANAND SINGH**

**2)HRUDAYA RANHAN SAHU**

(57) Abstract :

The present invention relates to a furnace sealing assembly for complete drawing of a preform while hermetically sealing the drawing furnace. The furnace sealing assembly according to the present invention consists of a tubular extension, and a covering lid. The covering lid further consists of a circular disc shaped member, sandwiched between pluralities of circular discs. The tubular extension tube sealing assembly being mounted on the preform feeding side of the drawing furnace.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.248/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : FILTERS

|                                               |            |                                                                   |
|-----------------------------------------------|------------|-------------------------------------------------------------------|
| (51) International classification             | :B01D35/00 | (71) <b>Name of Applicant :</b>                                   |
| (31) Priority Document No                     | :NA        | <b>1)FLEETGUARD FILTERS PVT. LTD.</b>                             |
| (32) Priority Date                            | :NA        | Address of Applicant :Kirloskar House, 100 Anand Park,Aundh, Pune |
| (33) Name of priority country                 | :NA        | 411 008, Maharashtra India                                        |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                    |
| Filing Date                                   | :NA        | <b>1)PAYYAPPILLY ANTONY THOMAS</b>                                |
| (87) International Publication No             | :NA        | <b>2)PADWAL PRASAD BABANRAO</b>                                   |
| (61) Patent of Addition to Application Number | :NA        | <b>3)PATHAK RAHUL SUDHAKAR</b>                                    |
| Filing Date                                   | :NA        | <b>4)KHANDKAR ARUN GANESH</b>                                     |
| (62) Divisional to Application Number         | :NA        | <b>5)KULKARNI VIVEK SHRIKRISHNA</b>                               |
| Filing Date                                   | :NA        |                                                                   |

(57) Abstract :

A filter assembly for fuel is disclosed. The assembly includes a filter element located in the housing and held in place by a spring. In the space between the inner wall of the housing and the base of the filter element a compressibly resilient element is located which absorbs hydraulic pulses, The filter assembly is subjected to.

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING CONCENTRATION OF STERILANT

(51) International classification :A61L2/20  
 (31) Priority Document No :10/619,533  
 (32) Priority Date :15/07/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/021941  
 Filing Date :08/07/2004  
 (87) International Publication No :WO2005/014054A2  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)STERIS INC.**

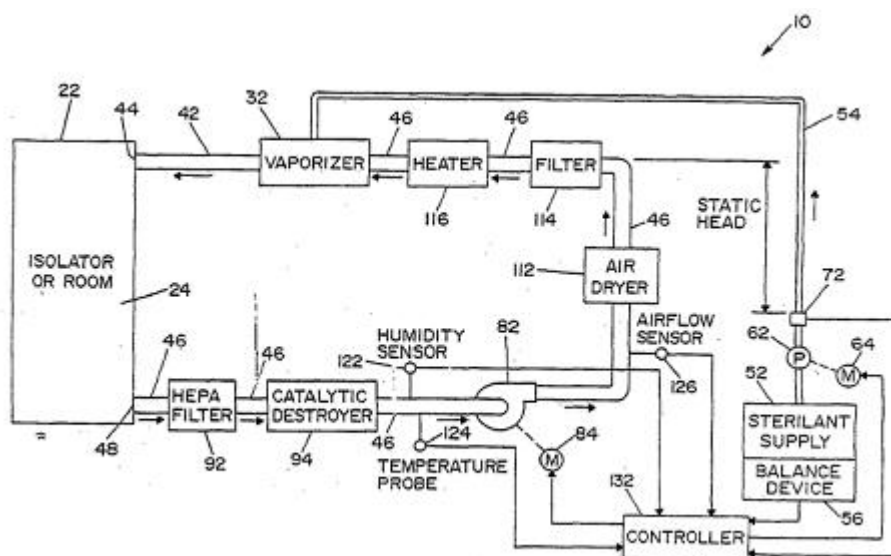
Address of Applicant :43425 Business Park Drive, Temecula, CA 92590, U.S.A.

(72)Name of Inventor :

**1)HILL AARON L.****2)LOGUE LESLIE M.**

(57) Abstract :

A vapor decontamination system for decontaminating a defined region. The system is comprised of a chamber defining a region, and a generator for generating vaporized hydrogen peroxide from a solution of hydrogen peroxide and water. A closed loop circulating system is provided for supplying the vaporized hydrogen peroxide to the region. A destroyer breaks down the vaporized hydrogen peroxide, and a sensor downstream from the destroyer is operable to sense moisture in the system and provide electrical signals indicative thereof. A controller determines the presence of vaporized hydrogen peroxide in the region based upon the electrical signals from the sensor.



(54) Title of the invention : A PROCESS FOR PREPARATION OF (S)-ALPHA-ETHYL-2-OXO-1-PYRROLIDINE ACETAMIDE

(51) International classification :C07D207/27  
 (31) Priority Document 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)EMCURE PHARMACEUTICALS LTD.**

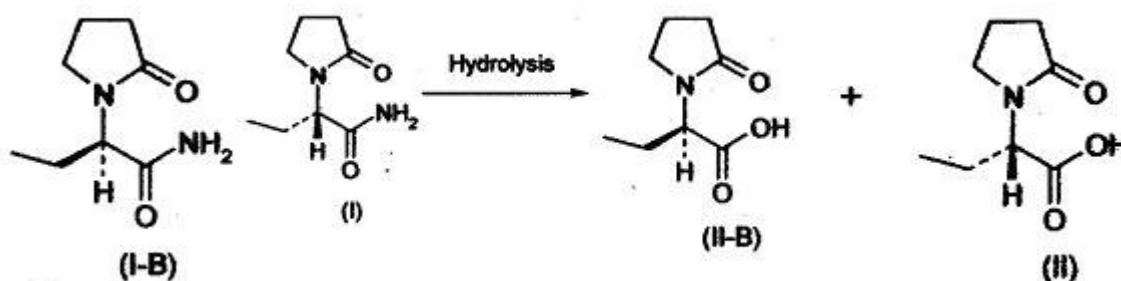
Address of Applicant :12/2 F-II BLOCK, M.I.D.C. PIMPRI, PUNE-411 018, Maharashtra India

## (72)Name of Inventor :

**1)MILIND MORESHWAR GHARPURE****2)ANUP RAMKRISHNA BARDE****3)UMESH REWAJI ZOPE****4)VISHNU HARI DESHPANDE****5)ANIL BHAUSAHEB CHAVAN****6)VIKAS SHIVAJIRAO DESHMUKH****7)SATISH RAMANLAL MEHTA**

## (57) Abstract :

A simple, cost-effective process for improving the yield of Levetiracetam by recycling of the undesired enantiomer of levetiracetam of formula (I) by recycling the mixture of the undesired isomer of levetiracetam of formula (I-B), containing small quantities of the desired (S)- isomer of formula (I). The invention is also related to a method for improving the yield of levetiracetam of formula (I) by recycling the undesired isomer of the levetiracetam acid intermediate of formula (II-B), containing small quantities of the desired (S)- isomer of formula (II).





(54) Title of the invention : PET FOOD DISH WITH A BARRIER TO FLYING INSECTS

|                                               |                     |
|-----------------------------------------------|---------------------|
| (51) International classification             | :A01K5/01           |
| (31) Priority Document No                     | :0318722.6          |
| (32) Priority Date                            | :08/08/2003         |
| (33) Name of priority country                 | :U.K.               |
| (86) International Application No             | :PCT/GB/2004/003354 |
| Filing Date                                   | :03/08/2004         |
| (87) International Publication No             | :WO 2005/013676 A2  |
| (61) Patent of Addition to Application Number | :NA                 |
| Filing Date                                   | :NA                 |
| (62) Divisional to Application Number         | :NA                 |
| Filing Date                                   | :NA                 |

(71)Name of Applicant :

**1)CHALMERS, Jonathan**

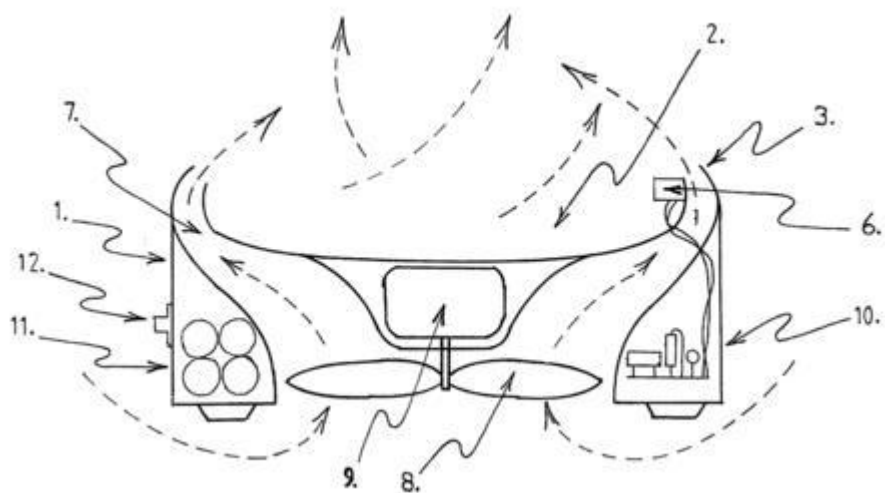
Address of Applicant :Cherry Tree House, Weydyke Bank, Fleet Fen Holbeach, Lincolnshire PE12 8QR U.K.

(72)Name of Inventor :

**1)CHALMERS, Jonathan**

(57) Abstract :

A pet food dish or dish container with an outside annular vent. Through the action of an electric motor driven fan air is forced upwards through the base of the device and outwards through the annular vent at the top, the resulting cone of moving air forms a barrier to flying insects. The electric motor is coupled to a sound activated switch and a microphone, the switch is tuned to bracket the wing frequencies of small flying insects and will trigger as flying pests approach.

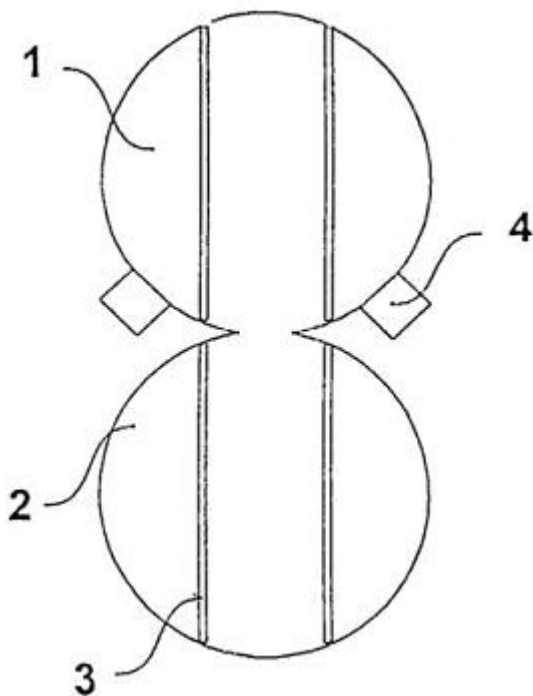


(54) Title of the invention : WRAPPING FOR USED CHEWING GUM

|                                               |                    |                                                            |
|-----------------------------------------------|--------------------|------------------------------------------------------------|
| (51) International classification             | :B65F1/00          | (71)Name of Applicant :                                    |
| (31) Priority Document No                     | :PV 2003-2282      | <b>1)MIROSLAV SIMONEK</b>                                  |
| (32) Priority Date                            | :25/08/2003        | Address of Applicant :LUDVIKA POSETI 1883 708 00 OSTRAVA - |
| (33) Name of priority country                 | :Czech Republic    | PORUBA, Czech Republic                                     |
| (86) International Application No             | :PCT/CZ2004/000048 | (72)Name of Inventor :                                     |
| Filing Date                                   | :12/08/2006        | <b>1)MIROSLAV SIMONEK</b>                                  |
| (87) International Publication No             | :WO2005/019068A1   |                                                            |
| (61) Patent of Addition to Application Number | :NA                |                                                            |
| Filing Date                                   | :NA                |                                                            |
| (62) Divisional to Application Number         | :NA                |                                                            |
| Filing Date                                   | :NA                |                                                            |

(57) Abstract :

The wrapping for used chewing gum is formed by upper part (1) and lower part (2) of identical form and size, applied together by their full surface, where both parts (1), (2) are provided with opposite situated vertical pre-scored lines (3) and where parts (1,2) are attached together along their margins partially, from one third to one half of circumference of parts (1,2).



(54) Title of the invention : CONTAINER WITH SNAP-ON CLOSURE

|                                               |                   |
|-----------------------------------------------|-------------------|
| (51) International classification             | :B65D41/48        |
| (31) Priority Document No                     | :02079347.7       |
| (32) Priority Date                            | :21/10/2002       |
| (33) Name of priority country                 | :EUROPEAN UNION   |
| (86) International Application No             | :PCT/EP2003/11063 |
| Filing Date                                   | :25/09/2003       |
| (87) International Publication No             | :WO2004/035140A1  |
| (61) Patent of Addition to Application Number | :NA               |
| Filing Date                                   | :NA               |
| (62) Divisional to Application Number         | :NA               |
| Filing Date                                   | :NA               |

(71)Name of Applicant :

**1)HINDUSTAN LEVER LIMITED**

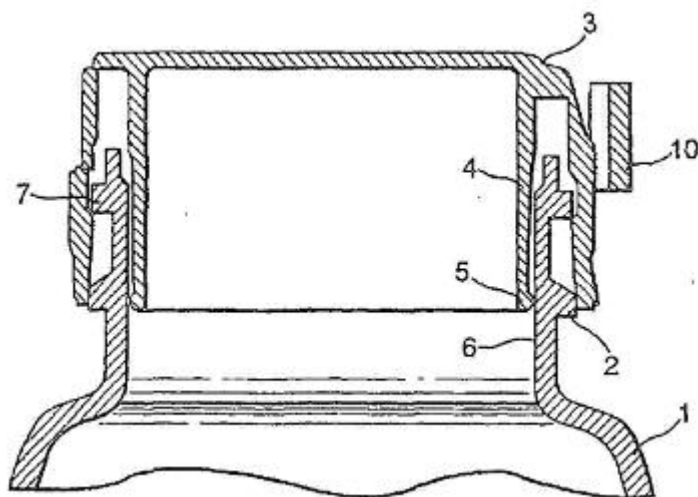
Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400020, Maharashtra India

(72)Name of Inventor :

**1)FRANCISCUS AUGUSTINUS MAJOOR****2)FRED VERHAAR**

(57) Abstract :

The invention relates to a container suitable for aseptic packing of microbiologically sensitive food products comprising a blow-moulded container body (1) and neck (2) and a closure (3), characterised in that the closure (3) is a snap-on closure (3) wherein the snap-on closure (3) comprises a peripheral skirt (4) with a ridge (5), intended for engagement with the inner surface (6) of the neck (2) wherein the free outer diameter of the ridge (5) is slightly higher than the free inner diameter of the neck, characterised in that the snap-on closure (3) and the neck comprise means (7,8) for substantially fixing the ridge (5) in the axial direction of the neck, when the container is closed.



(54) Title of the invention : PROCESS AND PLANT FOR THE HEAT TREATMENT OF SOLIDS CONTAINING TITANIUM

(51) International classification :C01G23/00  
 (31) Priority Document No :103 43 662.6  
 (32) Priority Date :18/09/2003  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2004/010276  
 Filing Date :15/09/2004  
 (87) International Publication No :WO 2005/026397  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

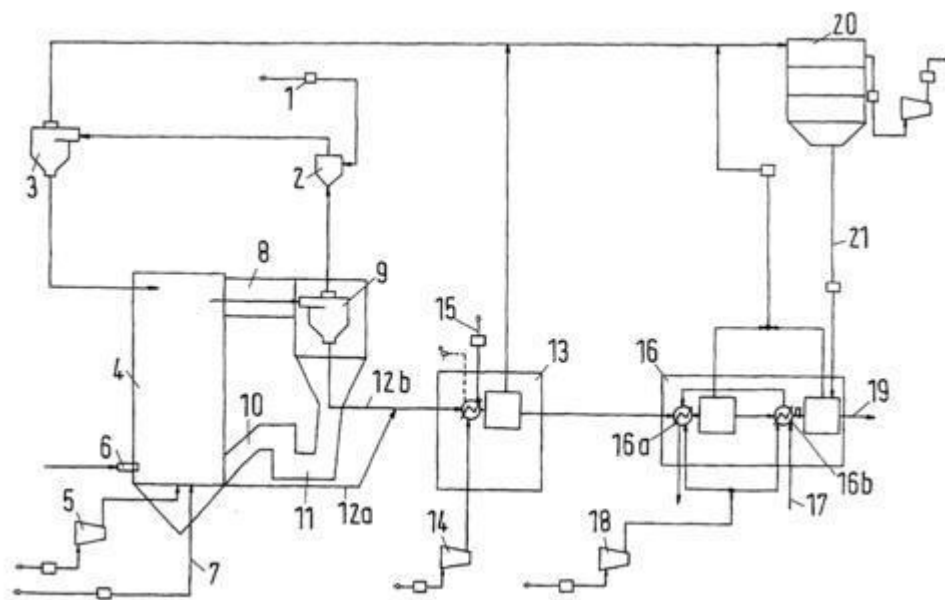
**1)OUTOKUMPU TECHNOLOGY OY**Address of Applicant :Riihitontuntie 7,FIN-02200 Espoo, Finland  
Finland

(72)Name of Inventor :

**1)STOCKHAUSEN, WERNER****2)BEYZAVI, ALI-NAGHI****3)NUBER, DIRK**

(57) Abstract :

This invention relates to a process and a plant for the heat treatment of solids containing titanium. For this purpose, the fine-grained solids are heated to a temperature of 700 to 1000°C in a reactor (4) with circulating fluidized bed and are partly discharged from the reactor (4) together with waste gases into a downstream separator (9). In the same, the solids are separated from the waste gases and are recirculated to the reactor (4) at least partly and/or phase by phase. Downstream of the reactor (4) and/or the separator (9) an injection cooler (13) is provided, in which the solids are cooled to below 250°C by injecting a coolant. Downstream of the injection cooler (13) a fluidized-bed cooler (16) can be provided for the further cooling of the solids



(12) PATENT APPLICATION PUBLICATION

(21) Application No.272/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :11/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : ONE WAY VISION FILM WITHOUT RELEASE LINER

|                                               |           |                                                         |
|-----------------------------------------------|-----------|---------------------------------------------------------|
| (51) International classification             | :B44F1/10 | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :NA       | <b>1)ARROW COATED PRODUCTS LTD.</b>                     |
| (32) Priority Date                            | :NA       | Address of Applicant :5-D, LAXMI INDUSTRIAL ESTATE, NEW |
| (33) Name of priority country                 | :NA       | LINK ROAD, ANDHERI (W), MUMBAI Maharashtra India        |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :NA       | <b>1)ARROW COATED PRODUCTS LTD.</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 wide format printed graphic without release liner. It comprises a water soluble protective layer incorporated with soap or detergent. The printed graphic is simple, easy and convenient to use, cost-effective and eco-friendly. Also the process for preparing the wide format printed graphic, which process is simple and convenient to carry out.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :11/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : SELF ADHESIVE MATERIALS WITHOUT RELEASE LINER

|                                               |           |                                                           |
|-----------------------------------------------|-----------|-----------------------------------------------------------|
| (51) International classification             | :B44C5/04 | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :NA       | <b>1)ARROW COATED PRODUCTS LTD.</b>                       |
| (32) Priority Date                            | :NA       | Address of Applicant :5-D, LAXMI INDUSTRIAL ESTATE, NEW   |
| (33) Name of priority country                 | :NA       | LINK ROAD, ANDHERI(WEST), MUMBAI-400053 Maharashtra India |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :NA       | <b>1)PATEL SHILPAN PRAVINCHANDRA</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 :

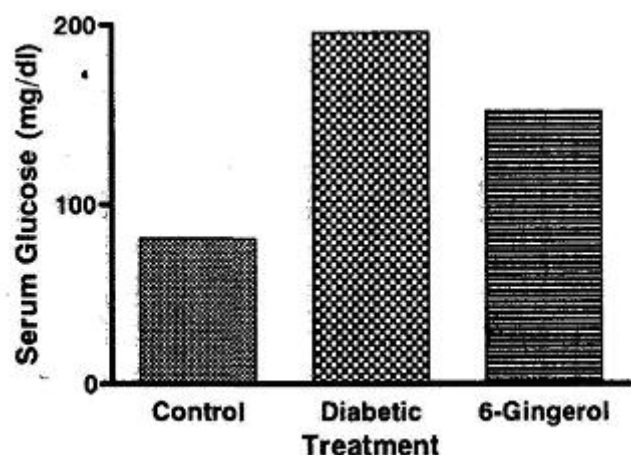
The invention relates to self adhesive material (SAM) using water soluble film incorporated with surfactants and/or fillers as a protective layer, eliminating the release liner (backing liner). The water soluble film incorporated with surfactants and/or fillers, used as a protective liner, provides easy breakage, faster dissolution as well as easy application to an object. The invention also relates to a process for the preparation of self adhesive material (SAM) without release liner and an apparatus and a method for applying the self adhesive material (SAM) on an object.

(54) Title of the invention : A NOVEL PROCESS FOR ISOLATION OF 6-GINGEROL FROM PLANT ZINGIBER OFFICINALE, AGENT FOR ANTIDIABETIC TREATMENT

|                                               |            |                                                      |
|-----------------------------------------------|------------|------------------------------------------------------|
| (51) International classification             | :A61K35/78 | (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 NO. 4011 NAVRANGPURA, |
| (33) Name of priority country                 | :NA        | AHMEDABAD-380009, Gujarat India                      |
| (86) International Application No             | :NA        | (72)Name of Inventor :                               |
| Filing Date                                   | :NA        | <b>1)RAMESH KISHORILAL GOYAL</b>                     |
| (87) International Publication No             | :NA        | <b>2)KADNUR VENKATACHALAPATHI SANJAY</b>             |
| (61) Patent of Addition to Application Number | :NA        |                                                      |
| Filing Date                                   | :NA        |                                                      |
| (62) Divisional to Application Number         | :NA        |                                                      |
| Filing Date                                   | :NA        |                                                      |

(57) Abstract :

Isolating 6-gingerol using column chromatography from extract of the Zingiber officinale pure, potent antidiabetic and antihyperlipidemic agent, characterising of compound by spectra reading. 1 kg of the powder of dried rhizomes of Z. officinale is extracted using methanol by cold maceration, methanolic extract is filtered, concentrated, dried under vacuum. 30 gm of methanolic extract is adsorbed on silica gel (60-120 mesh) and loaded on silica gel column (4.5 cm diameter to height 50 cm). Eluting with hexane with increasing concentrations of ethyl acetate (0 to 33.33 %), fraction containing higher concentrations of 6-gingerol is concentrated and dried under vacuum. 1 gm of the dried 6-gingerol fraction is further purified through chromatography, with hexane with increasing concentrations of ethyl acetate (0-15 %). Fraction is concentrated and vacuum dried to get pure 6- gingerol isolated. Isolated 6-gingerol is greater than 0.2% of the powder of the dried rhizomes of Zingiber officinale.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.284/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :10/03/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : AUTOMATED CYTOLOGICAL SAMPLE CLASSIFICATION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61B10/00         |
| (31) Priority Document No                     | :10/676,568        |
| (32) Priority Date                            | :30/09/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/031441 |
| Filing Date                                   | :24/09/2004        |
| (87) International Publication No             | :WO2005/033657A2   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)CYTYC CORPORATION**  
Address of Applicant :CYTYC CORPORATION 250 Campus Drive  
Marlborough, Massachusetts 01752, U.S.A.  
(72)**Name of Inventor :**  
**1)KLAUTKY, Trudee**  
**2)LAPEN Daniel, C.**

(57) Abstract :

An automated method for classifying a cytological sample is provided. The method comprises interrogating the sample with one or more wavelengths of light to obtain a result, and then attaching one or more designators to the sample based on whether the result meets a given criterion. The method allows for rapid feedback on the characteristics of the sample, permitting automated designation of the sample as positive for a given characteristic, and allowing for immediate remedial actions if the sample fails to meet the criterion.



(54) Title of the invention : FLOW ADMISSION CONTROL FOR WIRELESS SYSTEMS

(51) International classification :H01L12/56  
 (31) Priority Document No :60/503,193  
 (32) Priority Date :15/09/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/029525  
 Filing Date :10/09/2004  
 (87) International Publication No :WO2005/029790  
 (61) 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**

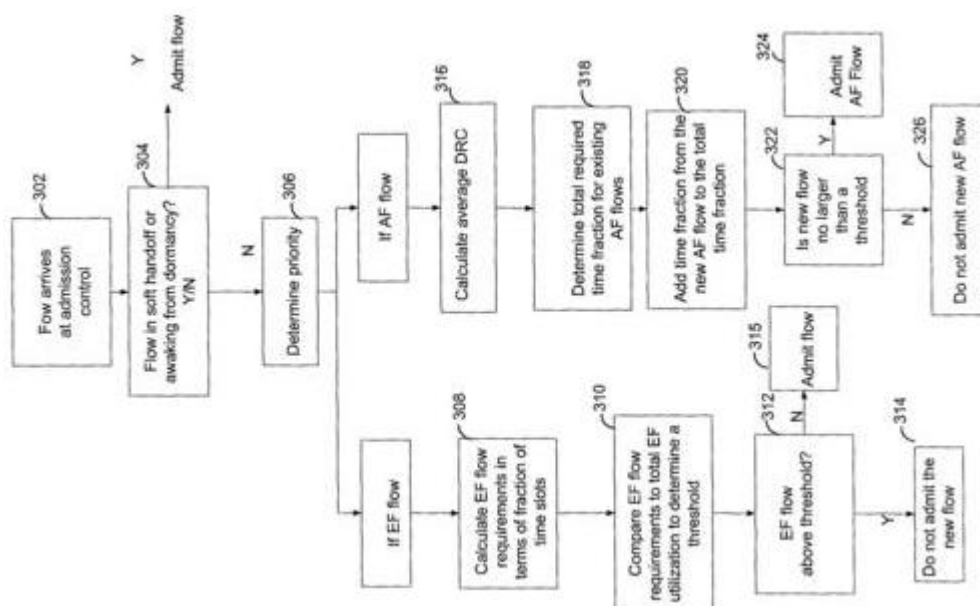
Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)Name of Inventor :

**1)ZHANG DANLU****2) PANKAJ RAJESH K**

(57) Abstract :

An apparatus for a wireless communication system that includes means for determining available resources in the wireless communication system and means for determining an admission of a flow.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.294/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/03/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMMUNOGENIC HIV COMPOSITIONS AND RELATED METHOD

|                                               |                    |                                                                    |
|-----------------------------------------------|--------------------|--------------------------------------------------------------------|
| (51) International classification             | :C12N              | (71) <b>Name of Applicant :</b>                                    |
| (31) Priority Document No                     | :60/498,804        | <b>1)THE IMMUNE RESPONSE CORPORATION</b>                           |
| (32) Priority Date                            | :28/08/2003        | Address of Applicant :5931 Darwin Court, Carlsbad, CA 92008 U.S.A. |
| (33) Name of priority country                 | :U.S.A.            | (72) <b>Name of Inventor :</b>                                     |
| (86) International Application No             | :PCT/US2004/027995 | <b>1)MOSS, Ronald, B.</b>                                          |
| Filing Date                                   | :27/08/2004        |                                                                    |
| (87) International Publication No             | :WO 2005/021726    |                                                                    |
| (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 immunogenic compositions which enhance the duration and strength of the immune response in a mammal. The immunogenic compositions contain an HIV antigen, an immunomer and an adjuvant. The HIV antigen can be a whole-killed HIV virus devoid of outer envelope protein gp120. Alternatively, the HIV antigen can be a whole-killed HIV virus, or a p24 antigen. Also provided are kits, the components of which, when combined, produce the immunogenic compositions of the invention. The invention also provides methods of making the immunogenic compositions, by combining an HIV antigen, an immunomer and optionally an adjuvant. The invention further provides a method of immunizing a mammal, by enhancing an immune response in the mammal by administering to the mammal an immunogenic composition containing an HIV antigen, an immunomer and optionally an adjuvant. Also provided is a method of inhibiting in a mammal by administering to the mammal an immunogenic composition containing an HIV antigen, an immunomer and optionally an adjuvant.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.299/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :18/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : SELF-POINTING ANTENNA SCANNING

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :H01Q3/18    |
| (31) Priority Document No                     | :60/265,142  |
| (32) Priority Date                            | :30/01/2001  |
| (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         | :43/MUM/2002 |
| Filed on                                      | :18/01/2002  |

(71)**Name of Applicant :**

**1)ANDREW CORPORATION**

Address of Applicant :10500 W. 153RD STREET, ORLAND PARK,IL  
60462, U.S.A.

(72)**Name of Inventor :**

**1)RALPH L. BROOKER**

**2)SCOTT H. WALKER**

**3)CHARLES L. LIPKIN**

**4)DAVID H. JOHNSON**

(57) Abstract :

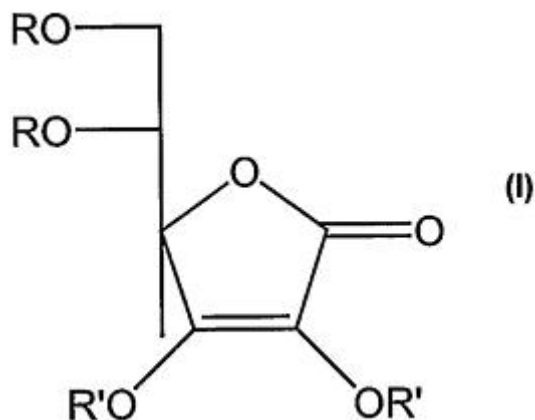
A self pointing antenna has a reflector, a feed or a sub-reflector and a plurality of support struts coupled between the reflector and the boom arm and supporting the feed or sub-reflector. At least one actuator is operatively coupled with the support struts for adjusting the position of the feed or sub-reflector relative to the reflector relative so as to selectively adjust either/or both of the beam elevation and azimuth of a main beam axis of the antenna.

(54) Title of the invention : METHOD OF STRAIGHTENING HAIR WITH COMPOSITIONS COMPRISING AN ALPAHA-HYDROXY ACID AND A REDUCING AGENT

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :A61K7/09          | (71)Name of Applicant :                               |
| (31) Priority Document No                     | :03255745.6        | <b>1)HINDUSTAN LEVER LIMITED</b>                      |
| (32) Priority Date                            | :15/09/2003        | Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166  |
| (33) Name of priority country                 | :EUROPEAN UNION    | BCKBAY RECLAMATION, MUMABI,400 020. Maharashtra India |
| (86) International Application No             | :PCT/EP2004/009606 | (72)Name of Inventor :                                |
| Filing Date                                   | :27/08/2004        | <b>1)TIWARI LAXMIKANT</b>                             |
| (87) International Publication No             | :WO2005/025524A1   |                                                       |
| (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 of lengthening hair comprising the step of applying a non-oxidative composition comprising an a -hydroxy acid and/or its salt and a reducing agent preferably having the following formula:



(12) PATENT APPLICATION PUBLICATION

(21) Application No.301/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/03/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : GEL LAUNDRY DETERGENT COMPOSITION

|                                               |                        |                                                                                                                                                                                         |
|-----------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C11D3/20<br>C11D17/00 | (71) <b>Name of Applicant :</b><br><b>1)HINDUSTAN LEVER LIMITED</b><br>Address of Applicant :Hindustan Lever House, 165-166, Backbay<br>Reclamation, Mumbai - 400 020 Maharashtra India |
| (31) Priority Document No                     | :03255759.7            | (72) <b>Name of Inventor :</b>                                                                                                                                                          |
| (32) Priority Date                            | :16/09/2003            | <b>1)HINES JOHN DAVID</b>                                                                                                                                                               |
| (33) Name of priority country                 | :EUROPEAN<br>UNION     |                                                                                                                                                                                         |
| (86) International Application No             | :PCT/EP2004/009466     |                                                                                                                                                                                         |
| Filing Date                                   | :23/08/2004            |                                                                                                                                                                                         |
| (87) International Publication No             | :WO2005/026303A1       |                                                                                                                                                                                         |
| (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 shear thinning, transparent gel laundry detergent composition, comprising a surfactant system containing surfactant material selected from an anionic surfactant, a nonionic surfactant or a mixture thereof, and from 0.1 to 10% by weight of a clarity improving agent being a glycol dialkyl ether selected from a mono- or polyethylene glycol dialkyl ether having the formula  $(C_pH_{p+1}O - (CH_2CH_2O)_n - (C_qH_{q+1}O))$  (I), a mono- or polypropylene glycol dialkyl ether having the formula  $(C_pH_{p+1}O - (CH_2CH(CH_3)O)_n - (C_qH_{q+1}O))$  (II), and mixtures thereof, wherein p and q independently are integers in the range of from 1 to 5, and n is an integer in the range of from 1 to 50, preferably 1 to 10. It has been found that this gel laundry composition is highly transparent, such that particles can be suspended therein for improving visual appearance.

(54) Title of the invention : A METHOD FOR TRANSFERRING DATA FROM A SOURCE WIRELESS DEVICE TO A DESTINATION WIRELESS DEVICE

(51) International classification :H04L 1/16  
 (31) Priority Document No :60/197,553  
 (32) Priority Date :17/04/2000  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/IB2001/00618  
 Filing Date :17/04/2001  
 (87) International Publication No :WO 2001/080476  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :IN/PCT/2002,01372/MUM  
 Filed on :03/10/2002

(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)MO-HAN FONG**

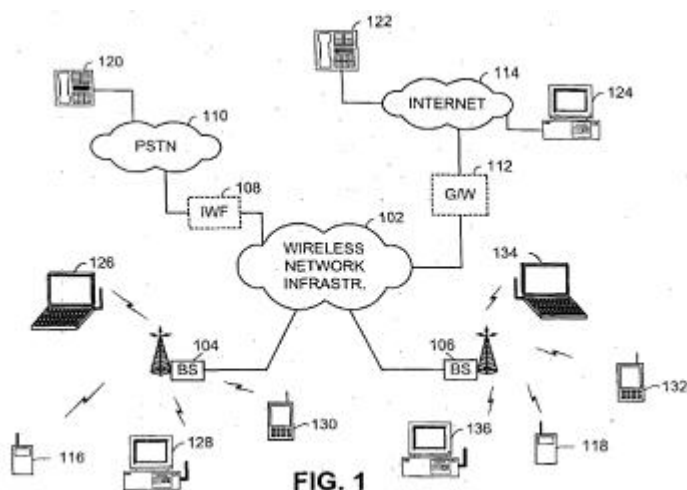
**2)LEO L. STRAWCZYNSKI**

**3)GENG WU**

**4)WEN TONG**

(57) Abstract :

A base station, mobile station, and/or other terminal device includes physical layer (layer 1) protocol and link layer (layer 2) protocol that both include automatic retransmission request (ARQ) operations. The physical layer and link layer include enhancements that interact with one another to cause the link layer to inhibit ARQ operations while error recovery operations are pending at the physical layer. A transmitter packages link layer packet data units into physical layer frames and transmits the physical layer frames. A receiver responds to indicate either successful or unsuccessful transmission. The transmitting physical layer waits for the response and initiates error recovery operations when required. The receiving link layer, when it detects lost data packets, inhibits its ARQ operations to allow physical layer error recovery operations to complete.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.305/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :11/03/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : FROZEN AERATED CONFECTION

(51) International classification

:A23G9/00

(31) Priority Document No

:01310838.6

(32) Priority Date

:21/12/2001

(33) Name of priority country

:EUROPEAN  
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)HINDUSTAN LEVER LIMITED**

Address of Applicant :Hindustan Lever House, 165/166, Backbay  
Reclamation, Mumbai-400020. Maharashtra India

(72)Name of Inventor :

**1)MALONE MARK EMMETT**

**2)UNDERDOWN JEFFREY**

**3)WIX LOYD**

(57) Abstract :

The present invention relates to a frozen aerated confection having an overrun of above 80% and below 250%, containing; less than 0.5% w/w glycerol freezing point depressant in an amount above 25% w/w and below 37% w/w, and between 0 and 15% fat, wherein the freezing point depressants have a number average molecular weight n of less than 300.

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO SECURITY MEANS

(51) International classification :A47G29/14  
 (31) Priority Document No :528386  
 (32) Priority Date :19/09/2003  
 (33) Name of priority country :New Zealand  
 (86) International Application No :PCT/NZ2004/000226  
 Filing Date :20/09/2004  
 (87) International Publication No :WO2005/027700 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)WAYNE LIONEL ACE-KIRKER**

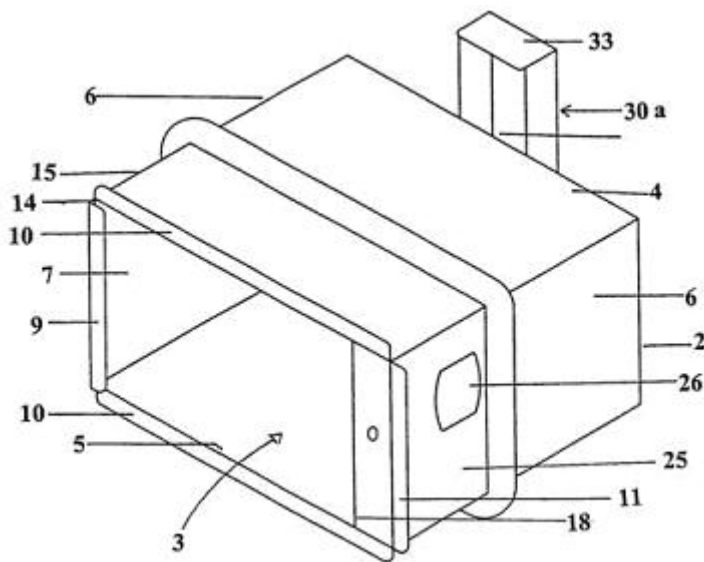
Address of Applicant :204B TE RAPA ROAD, HAMILTON, New Zealand

(72)Name of Inventor :

**1)WAYNE LIONEL ACE-KIRKER**

(57) Abstract :

A method of bracing a security container relative to the structural features of a building in a substantially tamper-proof manner wherein said security container including at least one container means (2) having an interior (3) for storing valuables therein, said container means (2) having at least one opening (7) thereinto, a closure means (8) covering said at least one opening (7) into the container means (2), and locking means (16) to secure the closure means (8) over the opening (7), said security container being configured to be fitted into a recess within a surface and the security container further including retention means, said retention means including bracing means (30a), said bracing means (30a) characterised by effecting a brace relative to one or more permanent structural features associated with the surface to impede forced removal of the security container from said recess.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.319/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : SUNDER MOBILE BIO-FERTILIZER PLANT

|                                               |            |                                                           |
|-----------------------------------------------|------------|-----------------------------------------------------------|
| (51) International classification             | :C05F11/08 | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :NA        | <b>1)S.K.SUNDRANI</b>                                     |
| (32) Priority Date                            | :NA        | Address of Applicant :C/O SRI S.R.BALANI SHYAM NAGAR, P O |
| (33) Name of priority country                 | :NA        | RAVIGRAM RAIPUR, Chattisgarh India                        |
| (86) International Application No             | :NA        | <b>2)RESHMA SUNDRANI</b>                                  |
| Filing Date                                   | :NA        | (72) <b>Name of Inventor :</b>                            |
| (87) International Publication No             | :NIL       | <b>1)S.K.SUNDRANI</b>                                     |
| (61) Patent of Addition to Application Number | :NA        | <b>2)RESHMA SUNRANI</b>                                   |
| Filing Date                                   | :NA        |                                                           |
| (62) Divisional to Application Number         | :NA        |                                                           |
| Filing Date                                   | :NA        |                                                           |

(57) Abstract :

This machine is very much cost effective as compared to the cost of present available machines for the same purpose. In this invention first the garbage is collected at one place of town, and then this garbage is stored in trenches. The size of trenches is kept 15'by 8' with depth 8'. After putting garbage a group of anaerobic bacteria is introduced. This group consists of Asperzoa awamore, lacto bacillus, and Streptococcus After introducing bacteria night soil is poured into the trench. Night soil is collected through vacuum pumps from latrines. This night soil acts as food for bacteria. After 45 days bio degradable elements decompose in to rich bio manure. A mechanical segregator is invented which by a 5 hp motor. This segregator separates bio manure from plastic, glass and iron. Useless magnets of speakers are used for separation of iron from the waste.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.322/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/03/2005

(43) Publication Date : 29/06/2007

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

|                                               |            |                                                                |
|-----------------------------------------------|------------|----------------------------------------------------------------|
| (51) International classification             | :C07C67/00 | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :NA        | <b>1)BILAG INDUSTRIES PRIVATE LIMITED</b>                      |
| (32) Priority Date                            | :NA        | Address of Applicant :PLOT # 306/3 II PHASE, G.I.D.C. VAPI 396 |
| (33) Name of priority country                 | :NA        | 195 Gujarat India                                              |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :NA        | <b>1)PRAMOD KUMAR MINOCHA</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 compound 2,3,5,6-Tetrafluorobenzyl (+) 1R-trans-2, 2-dimethyl-3- (2,2-dichlorovinyl)-cyclopropanecarboxylate, which is also called as Transfluthrin, is known to be highly active as an insecticide. This compound is prepared by various methods such as condensation of 2,3,5,6-Tetrafluorobenzyl alcohol and (+) 1R-trans-2, 2-dimethyl-3- (2,2-dichlorovinyl)-cyclopropanecarboxylicacid chloride, or by condensation of 2,3,5,6-Tetrafluorobenzyl halide and a suitable salt of (+) 1R-trans-2, 2-dimethyl-3- (2,2-dichlorovinyl)-cyclopropanecarboxylicacid. The present improved process involves a relatively simpler novel method of preparation of (+) 1R-trans-2, 2-dimethyl-3- (2,2-dichlorovinyl)-cyclopropanecarboxylicacid chloride and condensation of 2,3,5,6-Tetrafluorobenzyl alcohol and (+) 1R-trans-2, 2-dimethyl-3- (2,2-dichlorovinyl)-cyclopropanecarboxylicacid chloride, and relatively simpler and cheaper commercial method for the purification of the crude product to obtain highly pure Transfluthrin.

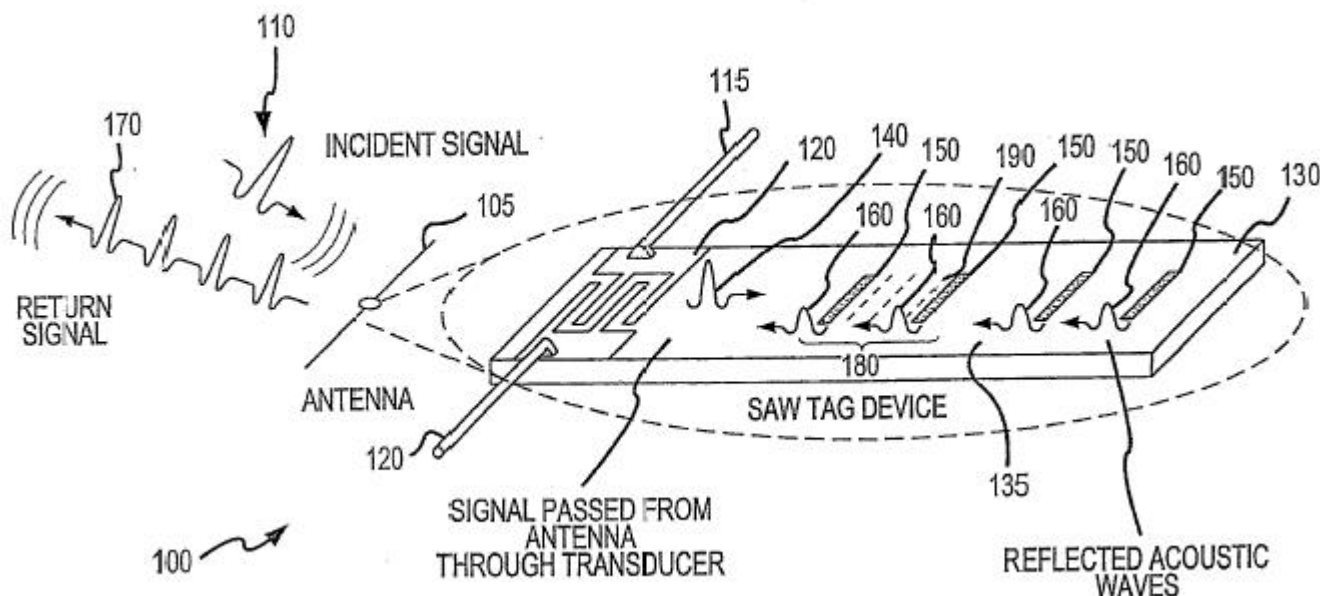
(54) Title of the invention : SAW IDENTIFICATION TAG DISCRIMINATION METHODS

(51) International classification :G06K5/00  
 (31) Priority Document No :60/503,136  
 (32) Priority Date :15/09/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/029929  
 Filing Date :15/09/2004  
 (87) International Publication No :WO2005/029698 A3  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)RF SAW COMPONENTS, INCORPORATED**  
 Address of Applicant :900 ALPHA DRIVE, SUITE 400,  
 RICHARDSON, TX 75081. U.S.A.  
 (72)Name of Inventor :  
**1)HARTMANN CLINTON S.**  
**2)BELLAMY JOHN C.**

(57) Abstract :

Surface acoustic wave (SAW) identification tag discrimination methods including, in one embodiment (1) detecting a signal emanating from an electronic device operating within a SAW tag frequency band; (2) identifying a null period in a transmission pattern in the signal; and (3) effecting communication of information during the null period.



(54) Title of the invention : APPARATUS FOR THERMAL SPRAY COATING

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :B05B7/14        |
| (31) Priority Document No                     | :60/509,948      |
| (32) Priority Date                            | :09/10/2003      |
| (33) Name of priority country                 | :U.S.A.          |
| (86) International Application No             | :PCT/US04/031545 |
| Filing Date                                   | :27/09/2004      |
| (87) International Publication No             | :WO2005/037443A3 |
| (61) Patent of Addition to Application Number | :NA              |
| Filing Date                                   | :NA              |
| (62) Divisional to Application Number         | :NA              |
| Filing Date                                   | :NA              |

(71)Name of Applicant :

**1)XIOM CORPORATION**

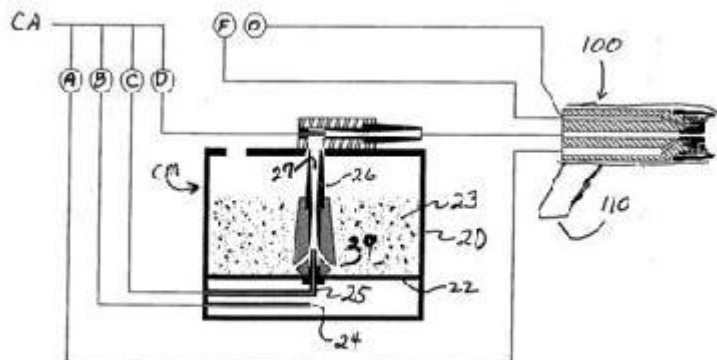
Address of Applicant :68A Lamar Street, West Babylon, NY 11704, U.S.A.

(72)Name of Inventor :

**1)GARDEGA, Thomas**

(57) Abstract :

A system for thermal spray coating of a particulate material onto a substrate includes a spray gun apparatus having dual vortex chambers for the mixing of fuel gas and oxygen. The apparatus provides a jet flame with a zone of reduced temperature to inject particulate material inside said zone. The jet flame results from a compression wave formed by compressed air.



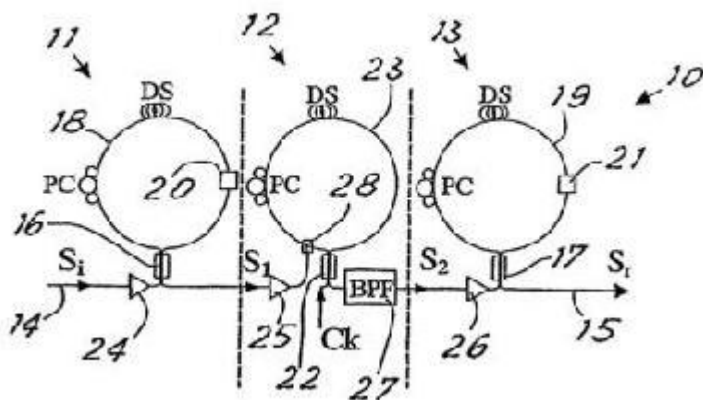
(54) Title of the invention : HIGH TEMPORAL RESOLUTION OPTICAL SAMPLER AND SAMPLING METHOD

(51) International classification :G01J11/00  
 (31) Priority Document No :MI2003A001726  
 (32) Priority Date :09/09/2003  
 (33) Name of priority country :Italy  
 (86) International Application No :PCT/EP2004/052058  
 Filing Date :06/09/2004  
 (87) International Publication No :WO2005/024363A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)MARCONI COMMUNICATIONS SPA**  
 Address of Applicant :Via Lodovico Calda, I-5-16153 Genova Italy  
 (72)Name of Inventor :  
**1)BOGONI, ANTONELLA**  
**2)POTI LUCA**  
**3)PONZINI FILIPPO**

## (57) Abstract :

An optical sampler with high temporal resolution comprises a TOAD device (11) with a loop optical path (12) at the inlet of which is input an optical signal to be sampled  $S_i$  of duration  $T_p$  and along which path is arranged a point (13) of input of an optical control signal  $S_c$  produced by a source (16) and appropriately delayed by a delay line (23) to change on command the temporal position of the TOAD transmittance window compared to the signal to be sampled. In the loop there is also a nonlinear device (14). The sampler also comprises control means (17) to command the delay line (23) to move step by step said transmittance window and make it run on the signal to be sampled. Measurement means (18) measure the mean power transmitted at the TOAD output for each window position and processing means (19) perform the derivative on the mean powers found for each window position thus finding samples representing the input signal  $S_i$ .



(54) Title of the invention : LOOPED OPTICAL NETWORK WITH ASE LIGHT RECIRCULATION AND LINK AND NETWORK SURVIVABILITY CONTROL SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04B10/17         |
| (31) Priority Document No                     | :MI2003A001742     |
| (32) Priority Date                            | :11/09/2003        |
| (33) Name of priority country                 | :Italy             |
| (86) International Application No             | :PCT/EP2004/052127 |
| Filing Date                                   | :10/09/2004        |
| (87) International Publication No             | :WO2005/025096A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)MARCONI COMMUNICATIONS SPA**

Address of Applicant :Via Lodovico Calda 5, I-16153 Genova Italy

(72)Name of Inventor :

**1)BOGONI, ANTONELLA**

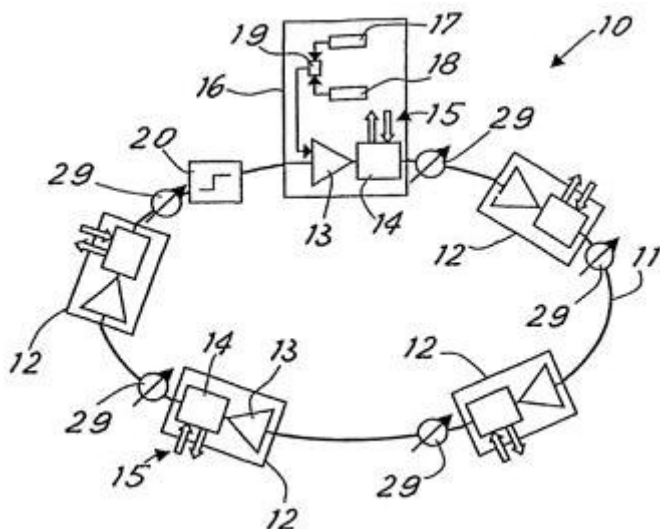
**2)SACCHI, GIOVANNI**

**3)D'ERRICO, ANTONIO**

**4)DI PASQUALE, FABRIZIO**

(57) Abstract :

A looped WDM optical network comprises an optical loop with optical amplifiers (12,16) between the sections of the loop (11) and with ASE recirculation in the loop. At a point of the loop a laser beam is injected and allowed to circulate in the loop with the laser beam being centered around a &lgr;LINK wavelength where it is desired that a lasing peak be generated. This supplies high network strength in terms of section loss variations and greatly improves the OSNR of the WDM signal. High network survivability is also achievable.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.336/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : STABLE ORAL PHARMACEUTICAL COMPOSITION

|                                               |            |                                                       |
|-----------------------------------------------|------------|-------------------------------------------------------|
| (51) International classification             | :A61K31/00 | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :NA        | <b>1)SUN PHARMACEUTICAL INDUSTRIES LTD.</b>           |
| (32) Priority Date                            | :NA        | Address of Applicant :ACME PLAZA, ANDHERI-KURLA ROAD, |
| (33) Name of priority country                 | :NA        | ANDHERI (E), MUMBAI - 400 059, Maharashtra India      |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :NA        | <b>1)VAISHALI VIJAY DHAVSE</b>                        |
| (87) International Publication No             | :NA        | <b>2)NITIN BHALACHANDRA DHARMADHIKARI</b>             |
| (61) Patent of Addition to Application Number | :NA        |                                                       |
| Filing Date                                   | :NA        |                                                       |
| (62) Divisional to Application Number         | :NA        |                                                       |
| Filing Date                                   | :NA        |                                                       |

(57) Abstract :

A stable oral pharmaceutical composition comprising a therapeutically effective amount of paroxetine or its pharmaceutically acceptable salt and one or more adjuvants that prevent the formation of pink hue upon storage of the composition, wherein the composition is prepared by aqueous granulation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.339/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :24/03/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : SOLID PHARMACEUTICAL DOSAGE FORM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K31/00         |
| (31) Priority Document No                     | :10/650,178        |
| (32) Priority Date                            | :28/08/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/027401 |
| Filing Date                                   | :23/08/2004        |
| (87) International Publication No             | :WO2005/039551A2   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)ABBOTT LABORATORIES**

Address of Applicant :DEPT. 377 BLDG AP6A-1, 100 ABBOTT PARK ROAD, ABBOTT PARK, IL 60064-6008. U.S.A.

(72)Name of Inventor :

**1)ROSENBERG JOERG**

**2)REINHOLD, ULRICH**

**3)LIEPOLD, BERND**

**4)DERNDL, GUNTHER**

**5)BREITENBACH, JORG**

**6)ALANI, LAMAN**

**7)GHOSH,SOUMOJEET**

(57) Abstract :

A solid pharmaceutical dosage form providing improved oral bioavailability is disclosed for inhibitors of HIV protease. In particular, the dosage form comprises a solid dispersion of at least one HIV protease inhibitor and at least one pharmaceutically acceptable water-soluble polymer and at least one pharmaceutically acceptable surfactant, said pharmaceutically acceptable water-soluble polymer having a Tg of at least about 50 °C. Preferably, the pharmaceutically acceptable surfactant has an HLB value of from about 4 to about 10.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/01/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : FUSED COMPOUNDS THAT INHIBIT VANILLOID RECEPTOR SUBTYPE 1 (VR1) RECEPTOR

(51) International classification :C07D217/02  
(31) Priority Document No :10/459,925  
(32) Priority Date :12/06/2003  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2004/018590  
Filing Date :10/06/2005  
(87) International Publication No :WO2004/111009A1  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)ABBOTT LABORATORIES**

Address of Applicant :Dept. 377 AP6A-1, 100 Abbott Park Road,  
Abbott Park, Illinois 60064-6008. U.S.A.

(72)Name of Inventor :

**1) GOMTSYAN, ARTHUR**

**2)BAYBURT, EROL**

**3)KOENIG, JOHN**

**4)SCHMIDT, ROBERT**

**5)LUKIN, KIRILL**

**6)CHAMBOURNIER GILLES**

**7)HSU, MARGARET**

**8)LEANNA, ROBERT**

**9)CINK, RUSSEL**

**10)LEE, CHIH-HUNG**

(57) Abstract :

The present invention discloses novel compounds of general formula (I), or a pharmaceutically acceptable salt or prodrug thereof (in which X1 - X5, R5 - R8b, Z1 - Z2 and Ar1 are defined herein), a method for inhibiting the VR1 receptor in mammals using these compounds, a method for controlling pain in mammals, and pharmaceutical compositions including those compounds and a process for making those compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.349/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :28/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AUTOMATED ELECTRONIC CHEQUE RECEIVING SYSTEM

|                                               |            |                                                      |
|-----------------------------------------------|------------|------------------------------------------------------|
| (51) International classification             | :G06F17/60 | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :NA        | <b>1)ALBERTSONS INTERNATIONAL PVT. LTD.</b>          |
| (32) Priority Date                            | :NA        | Address of Applicant :44/2203, PRANAV, GANDHI NAGAR, |
| (33) Name of priority country                 | :NA        | BANDRA EAST, MUMBAI-400051, Maharashtra India        |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                       |
| Filing Date                                   | :NA        | <b>1)KAMATH VENKATESH</b>                            |
| (87) International Publication No             | : NA       | <b>2)SEQUERIA VICTOR</b>                             |
| (61) Patent of Addition to Application Number | :NA        | <b>3)LOBO J. W.</b>                                  |
| Filing Date                                   | :NA        |                                                      |
| (62) Divisional to Application Number         | :NA        |                                                      |
| Filing Date                                   | :NA        |                                                      |

(57) Abstract :

An Automated electronic cheque receiving system comprising an embedded micro controller with add on asynchronous fast memory and real time clock, magnetic ink character recognition reader, a key board, liquid crystal display, hi-speed thermal printer, endorsement printer, a cheque scanner a cheque stacker for stacking the cheques received, a dynamic stack swapper, slot for connecting a special non-volatile semiconductor memory for larger data storage, provision to connect a printer external to the system, communication port for linking to the computer system of the bank and multimedia card with suitable state-of-the-art electronics and a software embedded in the said micro controller providing multi lingual display menu for the customer .optionally helping in stacking the cheques according to its category, decoding the MICR code into the customer understandable information, on the receipt such as name of the drawee bank, place, cheque no., type of instrument deposited etc., graphical menu driven operation for ease of operation for all classes of banks' customers , stale or post dated cheques rejection provision and a dynamic help menu in any of the selected language for self-help by the customers.

(54) Title of the invention : COMPOSITIONS AND METHODS FOR AUGMENTING KIDNEY FUNCTION

(51) International classification :A61K47/00  
 (31) Priority Document No :10/676,622  
 (32) Priority Date :30/09/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US04/032250  
 Filing Date :30/09/2004  
 (87) International Publication No :WO2005/032591A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)KIBOW BIOTECH INC**

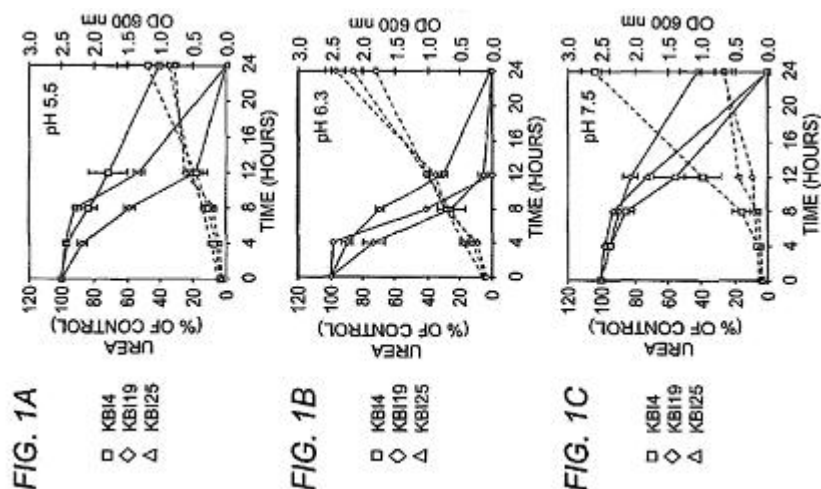
Address of Applicant :Newtown Business Center 4629 West Chester Pike Newtown Square, PA 19073 U.S.A.

(72)Name of Inventor :

**1)RANGANATHAN NATARAJAN**

(57) Abstract :

The present invention provides probiotic compositions for consumption by both animals and humans for augmenting kidney function. The probiotic compositions are efficacious in removing toxic nitrogenous by-products and inhibiting the overgrowth of undesirable bacteria. The compositions of the present invention are also useful for restoring or maintaining gastrointestinal health and delaying the onset of illness in patients with metabolic syndromes such as borderline diabetics or hypertension.

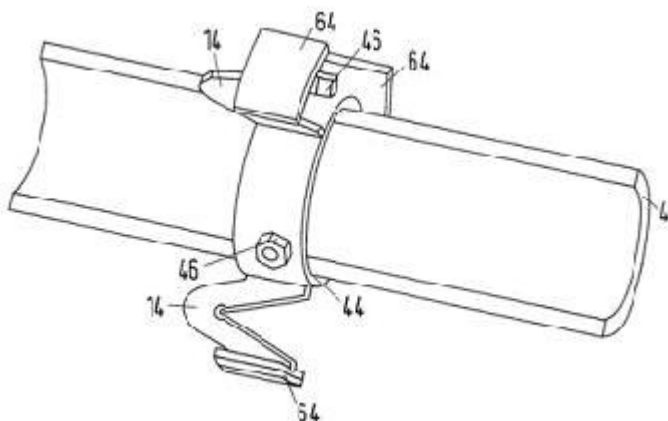


(54) Title of the invention : A PIPE SEGMENT FOR A TRANSFER LINE FOR TRANSPORTING HOT PARTICULATE MATERIAL

|                                               |                    |                                                                 |
|-----------------------------------------------|--------------------|-----------------------------------------------------------------|
| (51) International classification             | :F27D3/18          | (71)Name of Applicant :                                         |
| (31) Priority Document No                     | :2003905978        | <b>1)OUTOKUMPU TECHNOLOGY OY</b>                                |
| (32) Priority Date                            | :21/10/2003        | Address of Applicant :Riihitontuntie 7, FIN-02200 Espoo Finland |
| (33) Name of priority country                 | :Australia         | <b>2)TECHNOLOGICAL RESOURCES PTY. LTD.</b>                      |
| (86) International Application No             | :PCT/EP2004/011699 | (72)Name of Inventor :                                          |
| Filing Date                                   | :16/10/2004        | <b>1)HOFFHAUS, KARSTEN</b>                                      |
| (87) International Publication No             | :WO2005/040706A1   | <b>2)KAZMEIER, GUNTHER</b>                                      |
| (61) Patent of Addition to Application Number | :NA                | <b>3)FLORES-VERDUGO, MARCO, AURELIO</b>                         |
| Filing Date                                   | :NA                |                                                                 |
| (62) Divisional to Application Number         | :NA                |                                                                 |
| Filing Date                                   | :NA                |                                                                 |

## (57) Abstract :

The present invention relates to a pipe segment including an outer (2) and an inner pipe section (4), with the inner pipe section being positioned within the outer pipe section, and a support means (44, 14, 64) supporting the inner pipe section in relation to the outer pipe section so that the inner pipe section can expand axially relative to the outer pipe section in response to temperature changes in the material being transported in the pipe segment. Furthermore, the present invention refers to a transfer line for transporting hot particulate material, such as iron ore fines, in a carrier gas, including a plurality of these pipe segments and to a process for transporting hot particulate material in a carrier gas in a direct smelting plant for producing molten metal from a metalliferous feed material, in particular between a pretreatment unit and solid delivery means in the form of lances for injecting the material into a direct smelting vessel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/01/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : DECODING APPARATUS AND DECODING METHOD

|                                               |                    |                                                      |
|-----------------------------------------------|--------------------|------------------------------------------------------|
| (51) International classification             | :H03M13/39         | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :2003-273378       | <b>1)MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.</b>     |
| (32) Priority Date                            | :11/07/2003        | Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, |
| (33) Name of priority country                 | :Japan             | OSAKA-571-8501 Japan                                 |
| (86) International Application No             | :PCT/JP2004/009846 | (72) <b>Name of Inventor :</b>                       |
| Filing Date                                   | :09/07/2004        | <b>1)JIFENG LI</b>                                   |
| (87) International Publication No             | :WO2005/006546A1   |                                                      |
| (61) Patent of Addition to Application Number | :NA                |                                                      |
| Filing Date                                   | :NA                |                                                      |
| (62) Divisional to Application Number         | :NA                |                                                      |
| Filing Date                                   | :NA                |                                                      |

(57) Abstract :

A decoding apparatus that is capable of calculating of the likelihood information at high speed while suppressing increases in processing amount and in circuit scale. In this apparatus, in computations of the backward probability in a backward probability computing section (112), while one processing system calculates the backward probability  $\beta_k$  from the backward probability  $\beta_{k+2}$ , the other processing system calculates the backward probability  $\beta_{k-1}$  from the backward probability  $\beta_{k+1}$  in parallel. Specifically considering the case of  $k=1$ , backward probabilities  $\beta_1$  and  $\beta_0$  are calculated in parallel in two processing systems. The calculated backward probabilities are stored in a storage section (114) on a window basis. Further, as in the backward probability, in a forward probability computing section (113), forward probabilities  $\alpha_k$  and  $\alpha_{k+1}$  are calculated in parallel in two processing systems. When the forward probabilities are calculated, a likelihood computing section (115) calculates the likelihood information using the forward probabilities and backward probabilities stores in storage section 114.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.360/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS OF REDUCTION OF ODOUR IN INDUSTRIAL OILS AND FATS

|                                               |                    |                                                                                                                                                                                          |
|-----------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A23D9/06,A23L3/00 | (71) <b>Name of Applicant :</b><br><b>1)GODREJ CONSUMER PRODUCTS LIMITED</b><br>Address of Applicant :PIROJSHANAGAR,EASTERN,EXPRESS<br>HIGHWAY.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)DORDI JIMMY RUSTOM</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 of reduction of odour in oils or fats comprising the steps of (a)treating said oil or fat with phosphoric acid;(b)air sparging and stirring the reaction at step (a) at temperatures between 50°C to 100°C for a period of 1-6 hours;(c)separating the phosphatides persent in said oil or fat after the air-sparged oil settles;and (d)treating the refined oil with an oxidizing agent,preferably hydrogen peroxide.

(54) Title of the invention : LIMITING USE OF UNAUTHORIZED DIGITAL CONTeNT IN A CONTENT-SHARING PEER-TO-PEER NETWORK

(51) International classification :H04M1/66  
 (31) Priority Document No :60/507, 524  
 (32) Priority Date :02/10/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/FI04/000569  
 Filing Date :30/09/2004  
 (87) International Publication No :WO2005/032111A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)VIRALG OY**

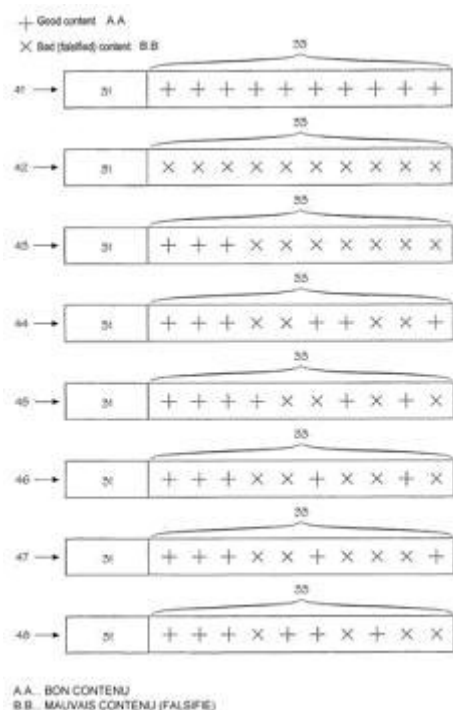
Address of Applicant :PL 73 FI-00811 HELSINKI Finland

(72)Name of Inventor :

**1)JUHA NATUNEN**

(57) Abstract :

A technique for limiting the use of unauthorized digital content in a content-sharing network in which digital content is distributed as files (41 - 48), each of which comprises content information (33) and is associated with characteristic/verification information (31). The method comprises determining a first file (41) whose content information is copyrighted and repeatedly distributing a second file (43 - 48) in the content-sharing network, wherein the second file is associated with characteristic/verification information (31) that match the characteristic/verification information of said first file, and wherein the second file (43 - 48) comprises content information (33) that does not match the content information of the first file (41).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.362/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : NON-WOVAN FABRIC IMPREGNATED WITH ANTIMICROBIAL AGENTS FOR BURNS & WOUND DRESSING

|                                               |            |                                                     |
|-----------------------------------------------|------------|-----------------------------------------------------|
| (51) International classification             | :A61F13/00 | (71)Name of Applicant :                             |
| (31) Priority Document No                     | :NA        | <b>1)SHAH VIREN ANUBHAI</b>                         |
| (32) Priority Date                            | :NA        | Address of Applicant :5, LAXMINARAYAN SOCIETY, B/h, |
| (33) Name of priority country                 | :NA        | B.O.B.,USMANPURA AHMEDABAD-380 013, Gujarat India   |
| (86) International Application No             | :NA        | <b>2)KEER RAMINDERSINGH BALWANTSINGH</b>            |
| Filing Date                                   | :NA        | <b>3)SHAH JANAKBHAI RAJENDRA</b>                    |
| (87) International Publication No             | : NA       | (72)Name of Inventor :                              |
| (61) Patent of Addition to Application Number | :NA        | <b>1)SHAH VIREN ANUBHAI</b>                         |
| Filing Date                                   | :NA        | <b>2)SHAH JANAKBHAI RAJENDRA</b>                    |
| (62) Divisional to Application Number         | :NA        | <b>3)KEER RAMINDERSINGH BALWANTSINGH</b>            |
| Filing Date                                   | :NA        |                                                     |

(57) Abstract :

In the present invention non-woven fabric impregnated with antimicrobial agent used for the burn dressing and faster healing. Non-woven fabric is impregnated with Povidone Iodine 5% w/w Or Povidone Iodine & Silver Sulfadiazine Or Silver Sulfadiazine & Metronidazole Or Neomycin & Bacitracins. Non-woven fabric used is viscose-rayon bonded with formaldehyde and other bonding agents. This invented product is widely used for various surgical products extensively. Invented burn dressing material helps in faster healing of burns with less pain and without disturbing the granulation tissue while changing the dressing. Invented dressing material used gives dual effect of control over the local infections and absorption of burn discharge.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.363/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/03/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF BICALUTAMIDE

|                                               |             |                                                           |
|-----------------------------------------------|-------------|-----------------------------------------------------------|
| (51) International classification             | :C07D401/00 | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :NA         | <b>1)USV LIMITED</b>                                      |
| (32) Priority Date                            | :NA         | Address of Applicant :B.S.D. MARG, STATION ROAD, GOVANDI, |
| (33) Name of priority country                 | :NA         | MUMBAI-400 088 Maharashtra India                          |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :NA         | <b>1)TARUR VENKATASUBRAMANIAN RADHAKRISHNAN</b>           |
| (87) International Publication No             | : NA        | <b>2)KADAM SURESH MAHADEV</b>                             |
| (61) Patent of Addition to Application Number | :NA         | <b>3)JOSHI ANIL PURUSHOTTAM</b>                           |
| Filing Date                                   | :NA         | <b>4)GAVHANE SACHIN BABAN</b>                             |
| (62) Divisional to Application Number         | :NA         |                                                           |
| Filing Date                                   | :NA         |                                                           |

(57) Abstract :

The present invention discloses a process for the synthesis of N-[4-Cyano-3-(trifluoromethyl) phenyl]-3-[(4-fluorophenyl) sulphonyl]-2-hydroxy-2-methyl propanamide (F0rm I). The invention discloses a novel reagent for oxidation of N-[4-Cyano-3-(trifluoromethyl) phelyl]- 3-[(4-fluorophenyl) thio]-2hydroxy-2methyl propanamide to N-[4-Cyano-3-(trifluoromethyl) phenyl]-3-[4-fluorophenyl) sulphonyl]-2-hydroxy-2-methyl propanamide. More particularly, the invention discloses a novel method of purification of N-[4-Cyano-3-(trifluoromethyl) phenyl]-3-[(4-fluorophenyl) sulphonyl]-2-hydroxy-2-methyl propanamide in a mixture of methylethyl ketone and hexane giving form (I). This form (I) is useful as an active pharmaceutical and has antiandrogenic activity.

(54) Title of the invention : ROTARY CLOCK LOGIC

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :G06F1/10       |
| (31) Priority Document No                     | :0203605.1      |
| (32) Priority Date                            | :15/02/2002     |
| (33) Name of priority country                 | :U.K.           |
| (86) International Application No             | :PCT/GB03/00719 |
| Filing Date                                   | :14/02/2003     |
| (87) International Publication No             | :WO 2003/069452 |
| (61) Patent of Addition to Application Number | :NA             |
| Filing Date                                   | :NA             |
| (62) Divisional to Application Number         | :442/MUMNP/2004 |
| Filed on                                      | :12/08/2004     |

(71)Name of Applicant :

**1)MULTIGIG LIMITED**

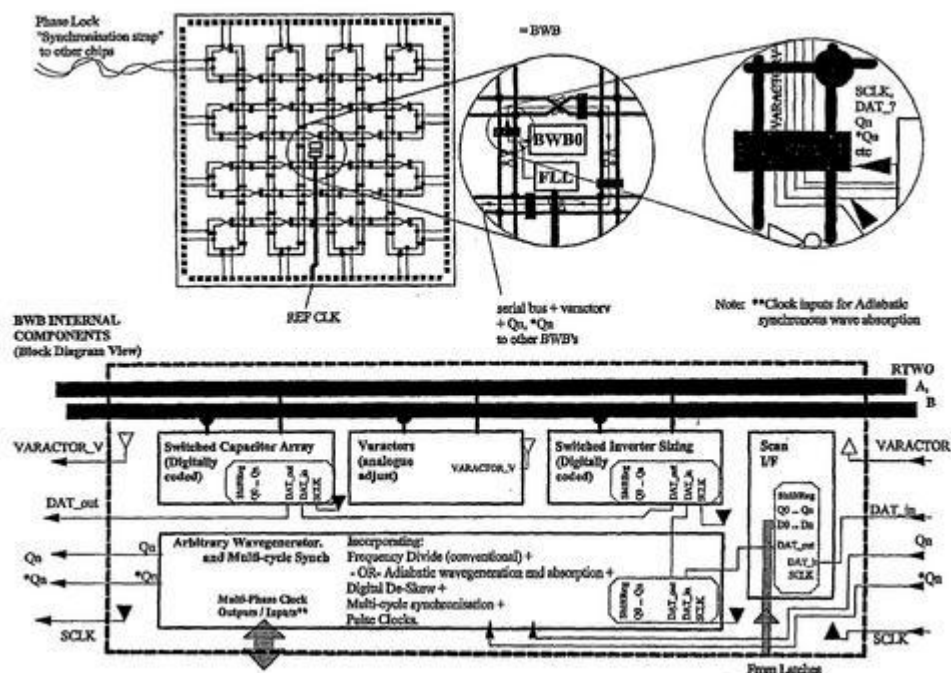
Address of Applicant :MAIN HOUSE, 29-31 MAIN ROAD, WILBY, WELLINGBOROUGH, NORTHANTS NN8 2UB, U.K.

(72)Name of Inventor :

**1)WOOD JOHN**

(57) Abstract :

A method of synchronizing a circuit comprising the steps of synchronising the circuit globally using a high-frequency clock signal, further synchronising at multiple lower frequencies by cooperative short-range state machines clocked by the high-frequency clock, and synchronising the state machines to each other by exchanging rollover signals between them.



(54) Title of the invention : BLIP MODE DRIVER

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :G06F1/10       |
| (31) Priority Document No                     | :0203605.1      |
| (32) Priority Date                            | :15/02/2002     |
| (33) Name of priority country                 | :U.K.           |
| (86) International Application No             | :PCT/GB03/00719 |
| Filing Date                                   | :14/02/2003     |
| (87) International Publication No             | :WO2003/069452  |
|                                               | A3              |
| (61) Patent of Addition to Application Number | :NA             |
| Filing Date                                   | :NA             |
| (62) Divisional to Application Number         | :442/MUMNP/2004 |
| Filed on                                      | :12/08/2004     |

**(71)Name of Applicant :**

**1)MULTIGIG LIMITED**

Address of Applicant :MAIN HOUSE, 29-31 MAIN ROAD, WILBY,  
WELLINGBOROUGH, NORTHANTS NN8 2UB, GREAT BRITAIN,  
U.K.

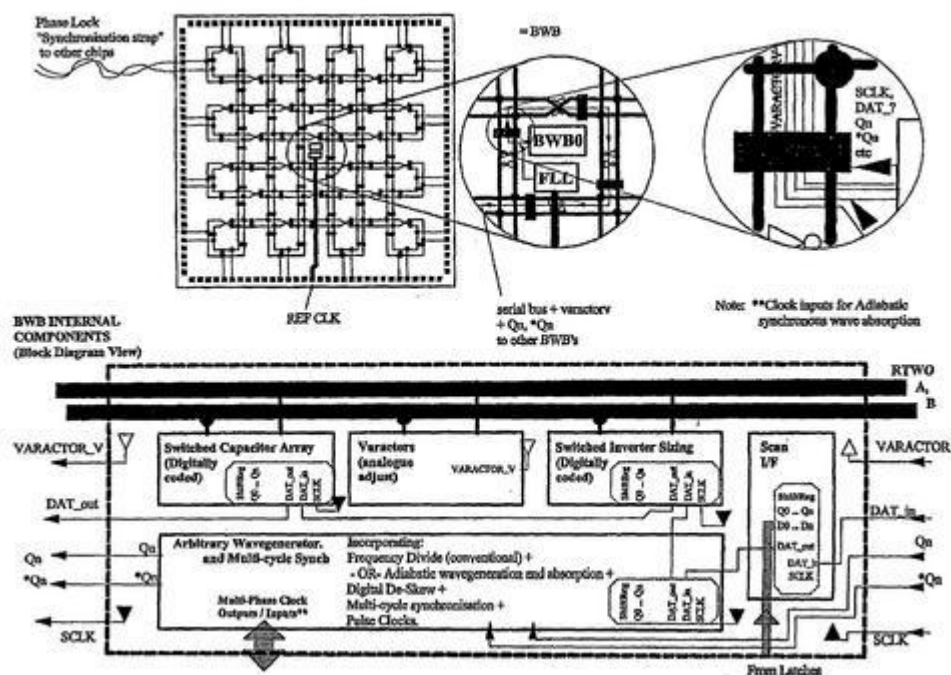
(72)Name of Inventor :

1)WOOD JOHN

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(57) Abstract :

A method of synchronizing a circuit comprising the steps of synchronising the circuit globally using a high-frequency clock signal, further synchronising at multiple lower frequencies by cooperative short-range state machines clocked by the high-frequency clock, and synchronising the state machines to each other by exchanging rollover signals between them.



(54) Title of the invention : PIPED BUFFERS

(51) International classification :G06F1/10  
 (31) Priority Document No :0203605.1  
 (32) Priority Date :15/02/2002  
 (33) Name of priority country :U.K.  
 (86) International Application No :PCT/GB03/00719  
 Filing Date :14/02/2003  
 (87) International Publication No :WO2003/069452A3  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :442/MUMNP/2004  
 Filed on :12/08/2004

(71)Name of Applicant :

**1)MULTIGIG LIMITED**

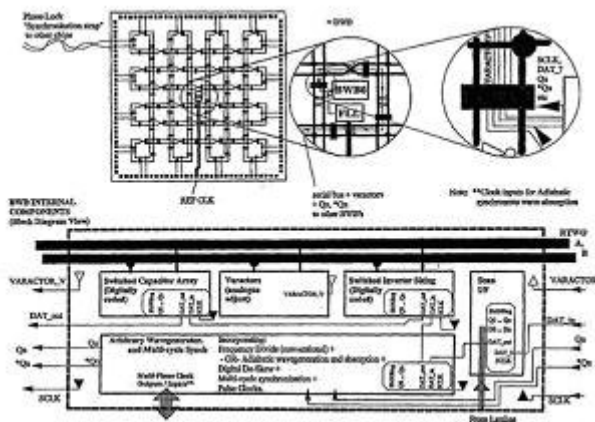
Address of Applicant :MAIN HOUSE, 29-31, MAIN ROAD, WILBY,  
 WELLINGBOROUGH, NORTHANTS NN8 2UB, GREAT BRITAIN  
 U.K.

(72)Name of Inventor :

**1)WOOD JOHN**

(57) Abstract :

A pipe lined buffer comprising: a first path for propagating a logic one, the first path including a plurality of moving spot stage, including a first and a last stage, wherein a data output of one stage is connected to a data input of the next stage to form a chain wherein each stage has an input connected to a tap of a rotary clock, adjacent stages in the chain being connected to different rotary clock taps, the input of the stage for receiving a positive logic signal, the output of the last stage being the output of the pipelined buffer, and wherein each stage includes a plurality of transistors and in each stage other than the first at least one of the transistors is larger compared to a transistor in a previous stage; and a second path for propagating a logic zero, the second path including a plurality of moving spot stages, including a first and a last stage, wherein a data output of one stage is connected to a data input of the next stage to form a chain, wherein each stage has an input connected to a tap of the rotary clock, adjacent stages in the chain being connected to different rotary clock taps, the input of the first stage, for receiving a negative logic data signal, the last stage including an inverter that connects to the output of the last stage of the first path, and wherein each stage includes a plurality transistors and in each stage other than the first at least one of the transistors is larger compared to a transistor in a previous stage.



(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC ADJUSTMENT OF MIRRORS FOR A VEHICLE

(51) International classification :B60R1/02  
 (31) Priority Document No :60/479,940  
 (32) Priority Date :19/06/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/IL2004/000523  
 Filing Date :17/06/2004  
 (87) International Publication No :WO2004/110817A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)AGREST, ZOHAR**

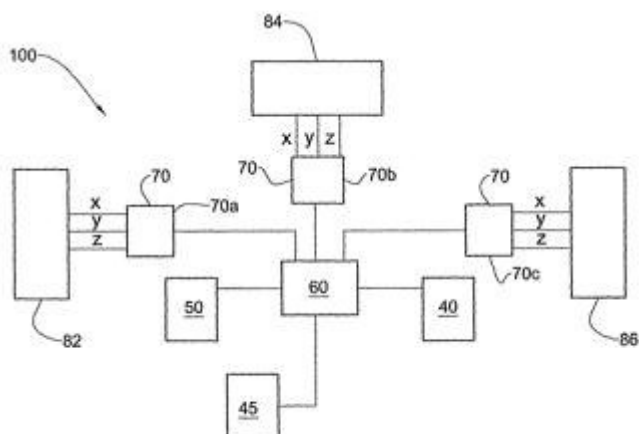
Address of Applicant :14 Ein Hanoch Street, 55900 Ganei Tikva, Israel

(72)Name of Inventor :

**1)AGREST, ZOHAR**

(57) Abstract :

An automatic mirror position adjustment system (100) and method for a vehicle is provided, enabling the position of one or more rear-view mirrors (82, 84, 86) to be automatically adjusted in response to the rotational motions of the vehicle about two or three orthogonal axes, to provide improved fields of view to the driver of the vehicle. A turning sensor (50) is mounted to the vehicle generates input signals responsive to a rotation of the vehicle about at least two orthogonal axes. A control unit (60) generates output signals responsive to these input signals. A driving mechanism (70) coupled to each mirror rotates the mirror about the orthogonal axes in response to the output signals. A feature is also provided for panning the mirrors about at least one axis to provide a visual scan of an effectively expanded field of view for a driver of the vehicle.

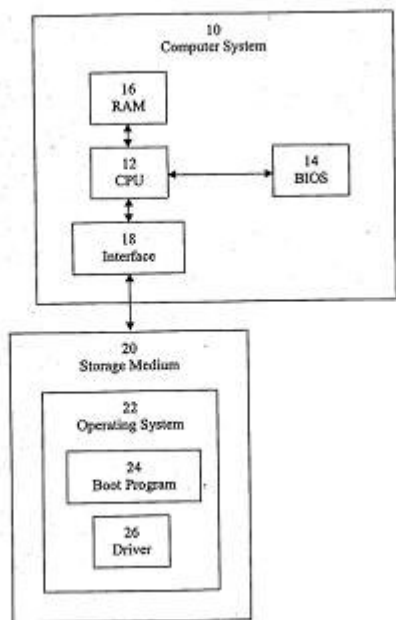


(54) Title of the invention : PORTABLE OPERATING SYSTEM AND METHOD TO LOAD THE SAME

|                                               |            |                                                                      |
|-----------------------------------------------|------------|----------------------------------------------------------------------|
| (51) International classification             | :G06F13/00 | (71)Name of Applicant :                                              |
| (31) Priority Document No                     | :NA        | <b>1)Trek 2000 International Limited</b>                             |
| (32) Priority Date                            | :NA        | Address of Applicant :30 Loyang Way # 07- 13/14/15 Loyang Industrial |
| (33) Name of priority country                 | :NA        | Estate, Singapore 508769, Singapore                                  |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                               |
| Filing Date                                   | :NA        | <b>1)Teng Pin POO</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 device comprising a storage medium to store an operating system is provided. The operating system includes a boot program and is portable in that the device allows a user to load a customized operating system into any computer system without having to reconfigure the operating system each time the customized operating system is loaded into a new computer system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.405/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :01/04/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : DIESEL ENGINE WITH IMPROVED EMISSION CHARACTERISTICS

|                                               |            |
|-----------------------------------------------|------------|
| (51) International classification             | :F02M37/04 |
| (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             | :Nil       |
| (61) Patent of Addition to Application Number | :NA        |
| Filing Date                                   | :NA        |
| (62) Divisional to Application Number         | :NA        |
| Filing Date                                   | :NA        |

(71)**Name of Applicant :**  
**1)KIRLOSKAR OIL ENGINES LIMITED**  
Address of Applicant :LAXMANRAO KIRLOSKAR ROAD, Khadki,  
Pune 411 003, Maharashtra India  
(72)**Name of Inventor :**  
**1)TAPPU MUKUND LAXMAN**

(57) Abstract :

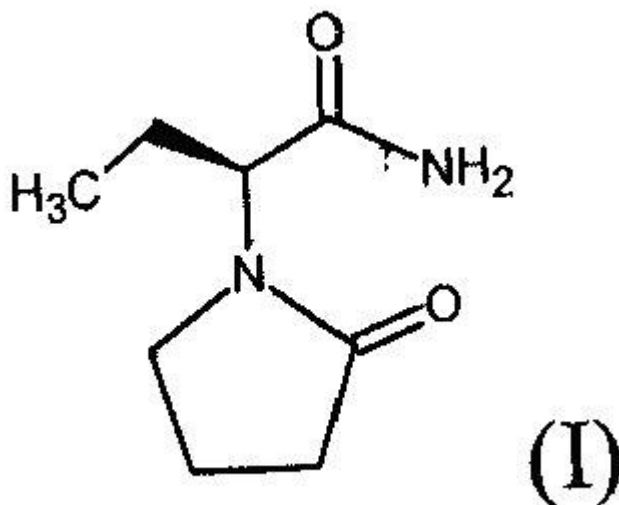
An operating mechanism for a fuel pump is disclosed. The operating mechanism comprises a lever adapted to impart reciprocating motion to a plunger. The lever defines two ends: a plunger contact end and a roller cam contact end. The mechanism also includes a camshaft adapted to accommodate a cam and a cam adapted to provide a see sawing motion to the lever.

## (54) Title of the invention : PROCESS FOR PREPARING LEVETIRACETAM

|                                               |            |                                                                    |
|-----------------------------------------------|------------|--------------------------------------------------------------------|
| (51) International classification             | :A61K45/00 | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :NA        | <b>1)RUBAMIN LIMITED</b>                                           |
| (32) Priority Date                            | :NA        | Address of Applicant :Synergy House, Subhanpura, Vadodara 390 023, |
| (33) Name of priority country                 | :NA        | Gujarat India                                                      |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA        | <b>1)MANDAL, Arun Kanti</b>                                        |
| (87) International Publication No             | : NA       | <b>2)MAHAJAN, Satish Wasudeo</b>                                   |
| (61) Patent of Addition to Application Number | :NA        | <b>3)GANGULY, Pintoo</b>                                           |
| Filing Date                                   | :NA        | <b>4)CHETIA, Apurba</b>                                            |
| (62) Divisional to Application Number         | :NA        | <b>5)CHAUHAN, Nitesh Doltram</b>                                   |
| Filing Date                                   | :NA        | <b>6)BHATT, Dilipkumar Nilay</b>                                   |

## (57) Abstract :

Process for the preparation of (S)-(-)- $\alpha$ -ethyl-2-oxo-1-pyrrolidineacetamide of Formula (I), comprising the steps of (i) resolution of racemic 2-amino butynamide with L-(+)-tartaric acid either in alcoholic solvents like methanol, isopropanol, ethanol or in water or mixture of water-alcohol to provide (S)-(+)-2-amino butynamide tartarate salt ; and (ii) direct conversion of (S)-(+)-amino butynamide tartarate salt and 4-halobutryl chloride in presence of inorganic or organic base in suitable solvent and drying agents yielded the desired (S)-(-)- $\alpha$ -ethyl-2-oxo-1-pyrrolidineacetamide (I). Further (S)-(+)-2-aminlo butynamide tartarate salt is converted to (S)-(+)-2-amino butynamide hydrochloride salt, by reacting with an inorganic or organic base in suitable solvent followed by reaction with HCl gas in an appropriate solvent. The preparation of (S)-(+)-2-amino butynamide hydrochloride salt, which is an intermediate for Levetiracetam, is prepared from (S)-(+)-2-amino butynamide tartarate salt in presence of inorganic base selected from potassium carbonate or hydroxide, sodium carbonate or hydroxide, ammonia gas, and organic base selected from triethyl amine, DMAP, and the like and a suitable solvent selected from methanol, isopropanol, ethanol or in water or mixture of water-alcohol.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.422/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/04/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AQUEOUS PESTICIDAL FORMULATIONS

|                                               |                      |                                                                                                                                                                       |
|-----------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A01N37/38,A01N37/36 | (71) <b>Name of Applicant :</b><br><b>1)INDOFIL CHEMICALS CO.,</b><br>Address of Applicant :Nirlon House, Dr.Annie Besant Road, Mumbai-<br>400 025, 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><br><b>1)JAYAPRAKASH GOPALKRISHNAN RAO</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 :

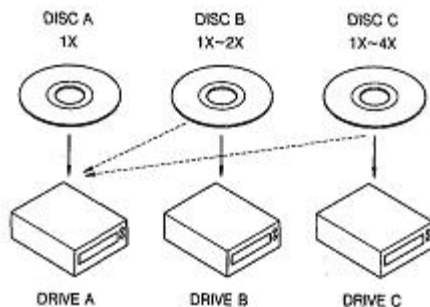
The present invention relates to aqueous micro emulsions pesticidal formulations and a process for producing aqueous micro emulsions pesticidal formulations of herbicidal active ingredient in both Oil and water phases, where the oily phase is emulsified or dispersed in water by an emulsifying system. Combination of surfactants found to give a good stable product and also showed improved bioefficacy when compared with commercial available product.

(54) Title of the invention : INFORMATION RECORDING MEDIUM, APPARATUS FOR RECORDING AND/OR REPRODUCING DATA ON AND/OR FROM INFORMATION RECORDING MEDIUM, METHOD OF RECORDING AND/OR REPRODUCING DATA ON AND/OR FROM INFORMATION RECORDING MEDIUM AND COMPUTER-READABLE RECORDING MEDIUM STORING PROGRAM FOR EXECUTING THE METHOD

|                                               |                                                  |                                                                                                                                                                            |
|-----------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G11B7/005<br>G11B7/007<br>G11B20/10<br>G11B7/00 | (71) <b>Name of Applicant :</b><br><b>1)SAMSUNG ELECTRONICS CO LTD</b><br>Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU,<br>SUWON-SI, GYEONGGI-DO Republic of Korea |
| (31) Priority Document No                     | :10-2004-<br>0026395                             | (72) <b>Name of Inventor :</b><br><b>1)KYUNG-GEUN LEE</b>                                                                                                                  |
| (32) Priority Date                            | :17/04/2004                                      | <b>2)JUNG-WAN KO</b>                                                                                                                                                       |
| (33) Name of priority country                 | :Republic<br>of Korea                            | <b>3)WOOK-YEON HWANG</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 information recording medium includes a lead-in area, a user data area, and a lead out area., and at least one of the lead-in area or the lead-out area includes a compatibility information area in which compatibility information, specifying whether each area on the information recording medium is recordable and/or reproducible, is recorded. The compatibility information may include at least one of state information on whether the user data area is recordable and/or reproducible, state information on whether the lead-in/lead-out area is recordable and/or reproducible, state information on whether the compatibility information area is recordable and/or reproducible, or state information on whether defect management area (DMA) is recordable and/or reproducible. Here, the DMA stores information of defects that have occurred in the user data area. Accordingly, an existing drive or apparatus for recording and/or reproducing data on and/or from an information recording medium can smoothly record and/or reproduce data on an information recording medium that is of a higher version than the existing drive or apparatus.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.437/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :06/04/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF SOLANESOL

|                                               |                         |                                                                                                                                                                                                               |
|-----------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07C33/00<br>C07C29/00 | (71) <b>Name of Applicant :</b><br><b>1)INNOVASSYNTH TECHNOLOGIES (INDIA) LTD.</b><br>Address of Applicant :PARAGON CONDOMINIUM, 3RD FLOOR,<br>PANDURANG BUDHKAR MARG, MUMBAI - 400 013, Maharashtra<br>India |
| (31) Priority Document No                     | :NA                     | (72) <b>Name of Inventor :</b>                                                                                                                                                                                |
| (32) Priority Date                            | :NA                     | <b>1)BALKRISHNA KHANDERAO KULKARNI</b>                                                                                                                                                                        |
| (33) Name of priority country                 | :NA                     | <b>2)PRASHANT SINGAMSETTI</b>                                                                                                                                                                                 |
| (86) International Application No             | :NA                     | <b>3)ASHISH PRASAD KUNDU</b>                                                                                                                                                                                  |
| Filing Date                                   | :NA                     | <b>4)MINAL MOHAN MITKAR</b>                                                                                                                                                                                   |
| (87) International Publication No             | :NA                     | <b>5)SUBODH ANANT PARADKAR</b>                                                                                                                                                                                |
| (61) Patent of Addition to Application Number | :NA                     | <b>6)RAMAKRISHNAN IYER</b>                                                                                                                                                                                    |
| Filing Date                                   | :NA                     | <b>7)SUNDARESAN RAMASWAMY</b>                                                                                                                                                                                 |
| (62) Divisional to Application Number         | :NA                     |                                                                                                                                                                                                               |
| Filing Date                                   | :NA                     |                                                                                                                                                                                                               |

(57) Abstract :

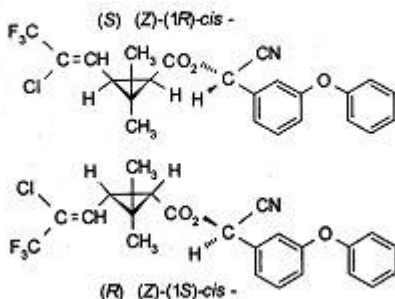
A process for isolation of Solanesol from Flue cured Tobacco leaf is disclosed. The process comprises extracting oeloresin containing 8 to 18% of Solanesol from pulverized flue cured tobacco leaves, saponification of the oeloresin, extracting of water immiscible components, crystallizing in methanol, complexation and iterative crystallization to obtaining Solanesol having purity greater than 90%.

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF LAMBDA CYHALOTHRIN WITH HIGH PURITY OF THE REQUIRED ISOMER

|                                               |            |                                                           |
|-----------------------------------------------|------------|-----------------------------------------------------------|
| (51) International classification             | :A01N37/30 | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :NA        | <b>1)RALLIS INDIA LIMITED</b>                             |
| (32) Priority Date                            | :NA        | Address of Applicant : "APEEJAY HOUSE" 7TH FLOOR, DINSHAW |
| (33) Name of priority country                 | :NA        | VACHHA ROAD, CHURCH GATE, MUMBAI 400 020, Maharashtra     |
| (86) International Application No             | :NA        | India                                                     |
| Filing Date                                   | :NA        | (72)Name of Inventor :                                    |
| (87) International Publication No             | :NA        | <b>1)MOODALAMAKKI SATHYANARAYANA MITHYANTHA</b>           |
| (61) Patent of Addition to Application Number | :NA        | <b>2)KOTHAPALLI SUNDARARAJA RAO</b>                       |
| Filing Date                                   | :NA        | <b>3)RAJIV SADASHIV DESHPANDE</b>                         |
| (62) Divisional to Application Number         | :NA        | <b>4)NELAVELLI MALLESWARA RAO</b>                         |
| Filing Date                                   | :NA        | <b>5)KORRAPATI RAMAKRISHNA PRASAD</b>                     |

(57) Abstract :

A process for preparation of Lambda cyhalothrin of formula I which is useful as an insecticide with contact and stomach action and repellent properties and is used to control a wide variety of insect pests like aphids, thrips, Lepidoptera larvae, Coleoptera larvae and adults, comprises the epimerization of cis- cyhalothrin in presence of organic amines and co bases and seeding the reaction mixture with small quantities of very pure Lambda cyhalothrin at sub zero temperatures to give the insecticidally active isomer namely the ester derived from(+) cis acid and  $\alpha$  -(S)-alcohol[ISOMER 1]commonly known as Lambda cyhalothrin of very high purity.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.457/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :11/11/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : ACERAMJET" ENGINE AIR POWERED CONVERTIBLE ELECTRIC RAMJET ENGINE

|                                               |            |                                                                |
|-----------------------------------------------|------------|----------------------------------------------------------------|
| (51) International classification             | :B64C11/44 | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :NA        | <b>1)JOSHI SAURIN MANHARLAL</b>                                |
| (32) Priority Date                            | :NA        | Address of Applicant :21,Arasuri Society, Near Vyas Wadi, Nava |
| (33) Name of priority country                 | :NA        | Wadaj, Ahmedabad Gujarat India                                 |
| (86) International Application No             | :NA        | <b>2)JOSHI HARSHA SAURIN</b>                                   |
| Filing Date                                   | :NA        | (72) <b>Name of Inventor :</b>                                 |
| (87) International Publication No             | : NA       | <b>1)JOSHI SAURIN MANHARLAL</b>                                |
| (61) Patent of Addition to Application Number | :NA        | <b>2)JOSHI HARSHA SAURIN</b>                                   |
| Filing Date                                   | :NA        |                                                                |
| (62) Divisional to Application Number         | :NA        |                                                                |
| Filing Date                                   | :NA        |                                                                |

(57) Abstract :

Current price hike in the petroleum & a continuous threat of the same in future will adversely affect the economy of many airlines. The engine that can operate at the high speed with lesser fuel consumption is must "ACERAMJET" is the only answer with the ability to deal with at any speed with its versatile convertibility. It is the only engine in the world that does not require any fuel except the air & electricity. With 3 different conversion options it can run from the zero to mach 25 + speed. The same initial / Sub Sonic engine can be employed for the use on the land transport or on the water as a marine engine also. This proves the better quality & versatility of the engine.

(54) Title of the invention : A DIGITAL LATHE MACHINE

|                                               |                       |                                                                         |
|-----------------------------------------------|-----------------------|-------------------------------------------------------------------------|
| (51) International classification             | :B23B7/00<br>B23B9/00 | (71) <b>Name of Applicant :</b><br><b>1)DHOLARIA JAGDISH KARSANBHAI</b> |
| (31) Priority Document No                     | :NA                   | Address of Applicant :PLOT NO. 1277/2, SHREE MAHAKALI                   |
| (32) Priority Date                            | :NA                   | KRUPA, SECTOR 3A, GANDHINAGAR -382006, Gujarat India                    |
| (33) Name of priority country                 | :NA                   | (72) <b>Name of Inventor :</b>                                          |
| (86) International Application No             | :NA                   | <b>1)DHOLARIA JAGDISH KARSANBHAI</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 :

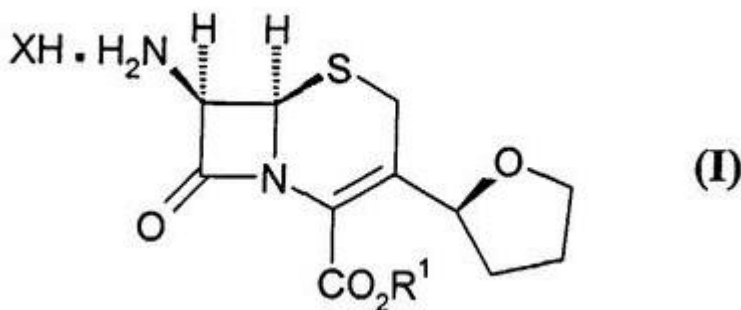
The present invention relates to a digital lathe machine comprising an electronic load cell mounted on a carriage of a digital lathe machine, a dynamically balanced lever made from magnetic material is pivoted on a carriage with the help of a hinge pin on its support such a way so that is loaded end rests on a load cell while its another free end remains in its non magnetic housing which is fitted upon a cross slide, a magnet is mounted on the housing such a way so that a tiny gap always remains between a magnet and a free end of a lever, a digital display unit of 1 micron least count as well as 1000mm capacity is mounted upon a carriage such a way so that its figures can be read by an operator of a digital lathe machine easily, a digital display unit is connected to a load cell through electric wires and a digital display unit is connected to main electric supply through electric wires, the arrangement being such that when an operator desires to reduce diameter of a machine part mounted in a chuck of a digital lathe machine with the help of a cutting tool by suppose X microns, then first of all he starts a switch to start supply of electric power to a digital lathe machine as well as to an electronic load cell through a digital display unit, then he rotates a cross slide wheel so that cutting tool travels towards a machine part, a ZERO button display unit is pushed in when a cutting tool just touches a machine part, then after a digital lathe machine is started with the help of a reversible switch and a cross slide wheel is further rotated so that cross slide with cutting tool travels towards axis of a lathe machine, magnet will pull a free end of a lever in upward direction, a loaded end of a lever exerts a force on a load cell in downward direction in grams which is converted and calibrated into microns to measure diameter of a machine part through electronic circuits which can be read on a display unit, a cross slide wheel is stopped when a digital display unit shows X microns, a carriage is driven in the direction parallel to an axis of a digital lathe machine towards the chuck with the help of its handle so that a machine part can be machined up to desired level of accuracy.

(54) Title of the invention : PROCESS AND ESTER DERIVATIVES USEFUL FOR PREPARATION OF CEPHALOSPORINS

|                                               |                 |                                                                      |
|-----------------------------------------------|-----------------|----------------------------------------------------------------------|
| (51) International classification             | :C07D501/08     | (71)Name of Applicant :                                              |
| (31) Priority Document No                     | :60/251,018     | <b>1)PFIZER PRODUCTS INC.</b>                                        |
| (32) Priority Date                            | :04/12/2000     | Address of Applicant :Eastern Point Road, Groton, Connecticut 06340. |
| (33) Name of priority country                 | :U.S.A.         | U.S.A.                                                               |
| (86) International Application No             | :PCT/IB01/02181 | (72)Name of Inventor :                                               |
| Filing Date                                   | :19/11/2001     | <b>1)JUAN CARLOS COLBERG</b>                                         |
| (87) International Publication No             | :WO02/46199     | <b>2)JOHN LLOYD TUCKER</b>                                           |
|                                               | A1              | <b>3)MAURIZIO ZENONI</b>                                             |
| (61) Patent of Addition to Application Number | :NA             | <b>4)GIOVANNI FOGLIATO</b>                                           |
| Filing Date                                   | :NA             | <b>5)ALESSANDRO DONADELLI</b>                                        |
| (62) Divisional to Application Number         | :NA             |                                                                      |
| Filing Date                                   | :NA             |                                                                      |

(57) Abstract :

The invention relates a process for preparing a compound of formula (I) wherein R<sup>1</sup> is para-nitrobenzyl or allyl; and X is halo, which is useful to prepare 3-cyclic-ether-substituted cephalosporins, from trimethylphosphinic compounds. This invention also relates to compounds useful in such process.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.474/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :15/04/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : DIRECT-ACTING ELECTRODE POSITION CONTROLLER FOR ELECTRICAL DISCHARGE MACHINE

|                                               |             |                                                            |
|-----------------------------------------------|-------------|------------------------------------------------------------|
| (51) International classification             | :B23H7/26   | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :94107937   | <b>1)CHIEN-HSIEN LI</b>                                    |
| (32) Priority Date                            | :15/03/2003 | Address of Applicant :8F NO. 62, LANE 185, CHUNG CHENG RD. |
| (33) Name of priority country                 | :Taiwan     | LU CHOU CITY, TAIPEI HSIEN, Taiwan                         |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                             |
| Filing Date                                   | :NA         | <b>1)CHIEN-HSIEN LI</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 direct-acting electrode position controller is mounted on an electrical discharge machine between a Z-direction main shaft and an electrode clamp of the machine to directly elevate or lower the electrode clamp and an electrode clamped thereto within a predetermined travel distance while the main shaft is unmoved. The direct-acting electrode position controller includes an upper fixing seat, a middle guiding seat, a plurality of movable posts, a server, a sever carrier, a pushplate, a plurality of movable post pads, a lower fixing seat, a dustproof ring, an O-ring, a plurality of springs, and a plurality of connecting screws.



(54) Title of the invention : METHOD FOR MANAGING THE SECURITY OF APPLICATIONS WITH A SECURITY MODULE

(51) International classification :H04Q 7/38  
 (31) Priority Document No :03104069.4  
 (32) Priority Date :04/09/2003  
 (33) Name of priority country :EUROPEAN UNION  
 (86) International Application No :PCT/EP2004/052773  
 Filing Date :03/11/2004  
 (87) International Publication No :WO2005/046278  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)NAGRACARD SA**

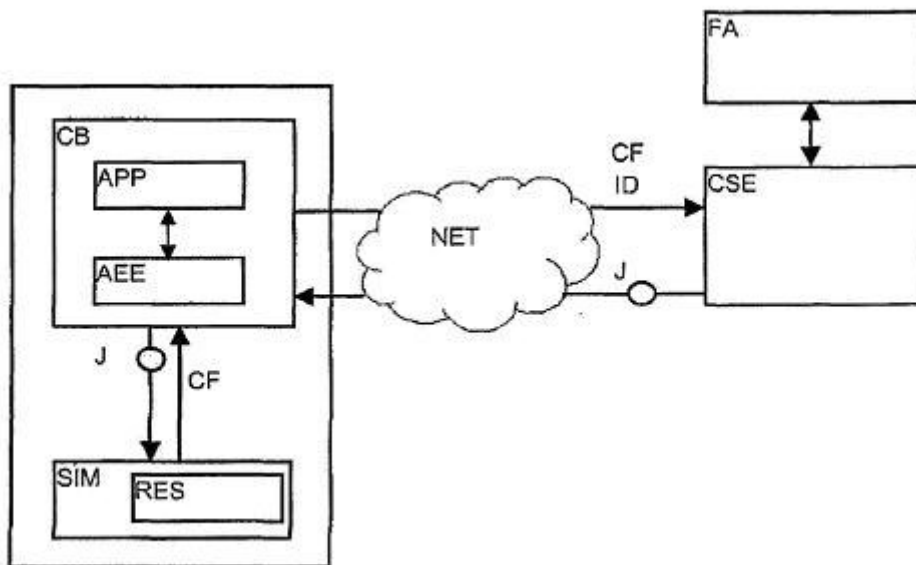
Address of Applicant :Route de Geneve 22, CH-1033 Cheseaux-sur-Lausanne, Switzerland

(72)Name of Inventor :

**1)KSONTINI Rached****2)CANTINI Renato**

(57) Abstract :

The aim of this invention is to propose a method to manage the security of the set composed by an equipment, a security module and applications in order to limit the risk related to the fact that a security module could be fraudulently used by applications executed on a type of equipment and/or of software version that does not entirely fulfil the established security criteria. This aim is reached by a method for managing the security of applications (APP) with a security module functioning in an equipment (CB) connected to a network (NET), said network (NET) being managed by a control server (CSE) of an operator, said applications using the resources (RES) (data or functions) stored in a security module (SIM) locally connected to said equipment (CB), comprising the following preliminary steps: reception of data comprising at least the type and software version of the equipment (CB) and the identity of the security module (SIM), via the network, by the control server, analysis and verification by the control server (CSE) of said data (ID), generation of a cryptogram (J) from the result of the verification of said data (ID), and transmission of said cryptogram (J), via the network (NET) and the equipment (CB), to the security module (SIM), said method is characterized in that the security module (SIM) analyses the cryptogram (J) received and activates, respectively deactivates the resources (RES) (data or functions) used by at least one application (APP) installed in the equipment (CB), said cryptogram (J) comprising the instructions conditioning the functioning of the application (APP) according to criteria established by the supplier of said application and/or the operator and/or the user of the equipment.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :17/01/2001

(43) Publication Date : 29/06/2007

(54) Title of the invention : THE METHOD OF TREATING HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE/INFECTION

|                                               |            |                                                   |
|-----------------------------------------------|------------|---------------------------------------------------|
| (51) International classification             | :A61K35/74 | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :NA        | <b>1)CADILA PHARMACEUTICALS LTD.</b>              |
| (32) Priority Date                            | :NA        | Address of Applicant :IRM HOUSE, off. C. G. ROAD, |
| (33) Name of priority country                 | :NA        | NAVARANGPURA, AHMEDABAD - 380 009, Gujarat India  |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                    |
| Filing Date                                   | :NA        | <b>1)INDRAVADAN AMBALAL MODI</b>                  |
| (87) International Publication No             | : NA       | <b>2)BHAKULESH MAFATLAL KHAMAR</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 method for prophylaxis or therapy for AIDS, or AIDS related complex (ARC) comprising administration of a formulation which is prepared using mycobacterium w or immunomodulator obtained from mycobacterium w alone or in combination and also with or without adjuvants to a subject who has been exposed to HIV infection or is HIV positive with or without overt symptoms of AIDS.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.500/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :21/04/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD AND MEANS OF REPAIRING A PIPE

(51) International classification

:F16L55/168

F16J15/06

(31) Priority Document No

:PI 2003 2723

(32) Priority Date

:21/07/2003

(33) Name of priority country

:Malaysia

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:719/MUM/2004

Filed on

:06/07/2004

(71)Name of Applicant :

**1)PETROANS RESEARCH & SCIENTIFIC SERVICES SDN.BHD.**

Address of Applicant :LOT.:3288 & 3289, OFF JALAN AIR HITAM,  
KAWASAN INSTITUSI BANGI, 43000 KAJANG, SELANGOR DARUL  
EHSAN Malaysia

**2)ORINIPPON TRADING SDN. BHD.**

(72)Name of Inventor :

**1)NAGENDRAN A/L C. NADARAJAH**

**2)RENATA ANITA DE RAJ**

**3)LEONG KOK HOONG**

(57) Abstract :

The invention relates to a permanent method of repairing leaking, damaged or weakened pipe by grit blasting the pipe (10), followed by wrapping it with a fibre reinforced composite material (12), then installing two half oversized steel sleeves (14). after that the non-gaseous matter is removed by water and compressed air or inert gas. an epoxy or cementitious grout or a combination of both is finally injected into annular chamber (20) of the sleeves through pre installed inlet port (16) and outlet port (18). the epoxy or cementitious is then allow to cure. the means to seal the terminal end of steel sleeves includes a pair end flanges (32) matingly securable to a pair of terminator bodies (45).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.506/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :05/05/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : LOW DENSITY WHITE POLYESTER FILM

|                                               |            |                                                  |
|-----------------------------------------------|------------|--------------------------------------------------|
| (51) International classification             | :B32B27/00 | (71) <b>Name of Applicant :</b>                  |
| (31) Priority Document No                     | :NA        | <b>1)GARWARE POLYESTER LTD.</b>                  |
| (32) Priority Date                            | :NA        | Address of Applicant :GARWARE HOUSE, 50-A, SWAMI |
| (33) Name of priority country                 | :NA        | NITYANAND MARG., WESTERN EXPRESS HIGHWAY, VILE   |
| (86) International Application No             | :NA        | PARLE EAST, MUMBAI-400057 Maharashtra India      |
| Filing Date                                   | :NA        | (72) <b>Name of Inventor :</b>                   |
| (87) International Publication No             | : NA       | <b>1)LAHURIKAR NAGNATH TRIMBAKRAO</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 of preparing non-laminated blended biaxially orientation extruded polyester film without any co-extrusion layers with the voids being dispersed in the monolayered film for applications as base material for label, poster, recording paper, wrapping paper including reflector of a surface light source for illuminating a scope of liquid crystal displays or electronic decorative boards. Such films exhibit % transmission of 10% max, reflection at 450 nm, 550 nm and 650 nm of >90%. An appropriately blended composition comprising a mix polyester, a polycondensed resin of a dicarboxylic ester and polyhydric alcohols, density reducing polymers, optical brightners and inorganic particles is extruded and processed to the non-laminated biaxially oriented polyester film.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.522/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/04/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : DEVELOPMENT OF DIAGNOSTIC KIT FOR PULMONARY AND OTHER EXTRA CENTRAL NERVOUS SYSTEM TUBERCULOSIS USING 30kD ANTIGEN COMPRISING OF Ag 85 COMPLEX

|                                               |                         |                                                                                                                                                                                                                   |
|-----------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A01N33/50<br>A01N33/53 | (71) <b>Name of Applicant :</b><br><b>1)CENTRAL INDIA INSTITUTE OF MEDICAL SCIENCES</b><br><b>BIOCHEMISTRY RESEARCH LABORATORY</b><br>Address of Applicant :88/2, BAJAJ NAGAR, NAGPUR-440010<br>Maharashtra India |
| (31) Priority Document No                     | :NA                     | (72) <b>Name of Inventor :</b>                                                                                                                                                                                    |
| (32) Priority Date                            | :NA                     | <b>1)G.M.TAORI</b>                                                                                                                                                                                                |
| (33) Name of priority country                 | :NA                     | <b>2)H.F.DAGINAWALA</b>                                                                                                                                                                                           |
| (86) International Application No             | :NA                     | <b>3)H.J. PUROHIT</b>                                                                                                                                                                                             |
| Filing Date                                   | :NA                     | <b>4)R.S.KASHYAP</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 method for demonstration of 30 kilodalton protein product containing antigen 85 complex comprising of; step 1) coating 100µl specimen in wells of flat bottom microtitre plates and incubation at 37°C for minutes. 2) Blocking by 0.5% Bovine serum albumin in phosphate buffered saline (PBS) and incubation for 60minutes 3) washing of wells with PBS and addition of Immunoglobulins specific to 30kD protein product and incubation for 45 minutes. 4) washing of well with PBS and addition of anti-immunoglobulins conjugated with HRPO and incubation for 30 minutes.5) A washing with PBS and addition of TMB/H<sub>2</sub>O<sub>2</sub> substrate and incubation for 15 minutes for development of colour. 6) Stopping reaction with 2.5 N stop solution and reading absorbance at 450nm.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.528/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :29/04/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : EXHAUST GAS STEAM GENERATOR FOR LOW SPEED DIESEL ENGINES

|                                               |           |                                                         |
|-----------------------------------------------|-----------|---------------------------------------------------------|
| (51) International classification             | :F22B1/28 | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :NA       | <b>1)THERMAX LIMITED</b>                                |
| (32) Priority Date                            | :NA       | Address of Applicant :D-13, MIDC INDUSTRIAL AREA,       |
| (33) Name of priority country                 | :NA       | CHINCHWAD, PUNE-411 019, MAHARASHTRA, INDIA Maharashtra |
| (86) International Application No             | :NA       | India                                                   |
| Filing Date                                   | :NA       | (72) <b>Name of Inventor :</b>                          |
| (87) International Publication No             | : NA      | <b>1)MR. DILIP WAMAN BAPAT</b>                          |
| (61) Patent of Addition to Application Number | :NA       | <b>2)MR. PRASAD KISAN AUTADE</b>                        |
| Filing Date                                   | :NA       | <b>3)MR. CHARLES PHILOMINRAJ</b>                        |
| (62) Divisional to Application Number         | :NA       |                                                         |
| Filing Date                                   | :NA       |                                                         |

(57) Abstract :

There is proposed an improved exhaust gas stem generator foe low speed diesel engines which comprises: 1. an enclosure or a shell for passing hot gas of the diesel engine across a plurality of heat exchangers housed within the said shell, 2. each set heat exchanger being disposed preferably vertically across the path of the exhaust gas from the diesel engine. 3. each set heat exchanger having a water tube housed within the same to its entire length. 4. all the water tubes being connected in series with one another so as to provide continuous passage for the water, 5. the water tube at the lower end of the last heat exchanger adjacent to the exit point of the gas in the shell being connected to a feed water tank through a pump for feeding water thereto. 6. the end of the water tube at the top of the first of the first of the said heat exchanger adjacent to the inlet end of the shell for the hot gas being connected to a steam separator through conventional arrangements. 7. said steam separator having conventional means for separating water from the steam, 8. there being provided an outlet for the steam in the steam separator and an outlet for the separated water connecting the steam separator with a feed water tank. 9. the shell having a number of identical finned heat exchangers positioned equal-distance from one another. 10. the water tubes being disposed along the verticle axis of each heat exchanger, preferably at the central axis, so as to leave an angular space around the tube and within the heat exchanger, said angular space being provided with an intermediate heat exchanger material preferably, 11. the intermediate heat exchange material provided within the heat exchanger having such characteristics which will absorb the heat from the hot gas as quickly as possible and transfer to the water in the tube as quickly as possible thereby assuring less heat loss and more heat recovery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.537/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :02/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : CRYSTAL OF DIURIDINE TETRAPHOSPHATE OR SALT THEREOF AND METHOD FOR PREPARING THE SAME, AND METHOD FOR PRODUCING SAID COMPOUND

(51) International classification :C07H19/10  
(31) Priority Document No :10/281663  
(32) Priority Date :02/10/1998  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP99/05415  
Filing Date :01/10/1999  
(87) International Publication No :WO00/20430  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :IN/PCT/2001/00330/MUM  
Filed on :27/03/2001

(71)**Name of Applicant :**  
**1)YAMASA CORPORATION**  
Address of Applicant :10-1,ARAOICHO 2-CHOME, CHOSHI-SHI,CHIBA Japan  
(72)**Name of Inventor :**  
**1)HIDEAKI MAEDA**  
**2)TOSHIO YAMADA**  
**3)HIROSHI SATO**  
**4)YUTAKA NODA**

(57) Abstract :

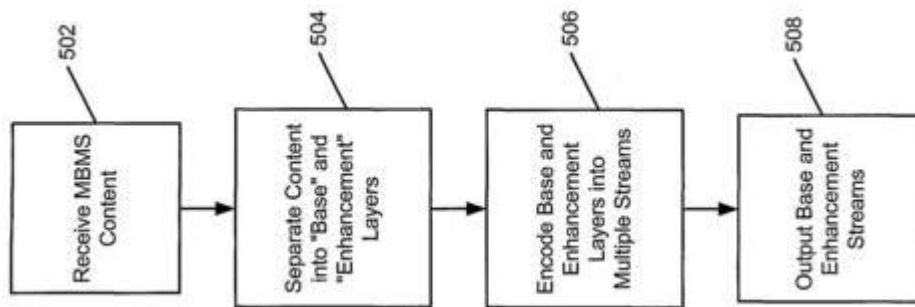
A high purity and stable crystal of P<sup>i</sup>, P<sub>4</sub>-di(uridine5"-) tetrphosphate (U2P<sub>4</sub>) or a salt thereof, and a method for preparing the crystal which comprises purifying a crude U2P<sub>4</sub> by using the anionic exchange chromatography and the active carbon chromatography and crystallizing the crystal using a hydrophilic organic solvent. A method for producing U2P<sub>4</sub> or a salt thereof in high yield comprising providing UMP as a starting material and using DPC and P<sup>i</sup>Pi, characterized by practicing at least one treatment selected from among (a) in the step of reacting UMP-DPP with P<sup>i</sup>Pi-organic alkali salt, adding UMP-DPP in a plurality of installments, (b) in the step of reacting UMP-DPP with P<sup>i</sup>Pi-organic alkali salt, carrying out a reaction in the presence of a base and (c) after U2P<sub>4</sub>-synthesizing reaction, subjecting the reaction product to an alkali treatment.

(54) Title of the invention : SCALABLE ENCODING FOR MULTICAST BROADCAST MULTIMEDIA SERVICE

|                                               |                    |                                                                   |
|-----------------------------------------------|--------------------|-------------------------------------------------------------------|
| (51) International classification             | :H04N7/26          | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :60/511,276        | <b>1)QUALCOMM INCORPORATED</b>                                    |
| (32) Priority Date                            | :14/10/2003        | Address of Applicant :5775 Morehouse Drive, San Diego, California |
| (33) Name of priority country                 | :U.S.A.            | 92121-1714, U.S.A.                                                |
| (86) International Application No             | :PCT/US2004/032107 | (72)Name of Inventor :                                            |
| Filing Date                                   | :29/09/2004        | <b>1)CASACCIA, Lorenzo</b>                                        |
| (87) International Publication No             | :WO 2005/039186    | <b>2)GRILLI, Francesco</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 concerns methods and apparatus are described for broadcasting content. Encoding the content to be multicast/broadcast into multiple streams, wherein at least one stream provides a base portion of the content, and additional streams provide enhancements to the content. A wireless communication device receives the broadcast and decodes streams in accordance with the reception capabilities of the wireless device. The configuration of the wireless device can be determined based on the wireless device's capability to decode multiple streams. In addition, the configuration of the wireless device can be determined based on a subscriber level of the wireless device.





## (54) Title of the invention : A METHOD OF PROVIDING SMS CALLBACK

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q7/22          |
| (31) Priority Document No                     | :PI20033905        |
| (32) Priority Date                            | :14/10/2003        |
| (33) Name of priority country                 | :Malaysia          |
| (86) International Application No             | :PCT/SG2004/000335 |
| Filing Date                                   | :13/10/2004        |
| (87) International Publication No             | :WO2005/036903A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

## (71)Name of Applicant :

**1)REDTONE TECHNOLOGY SDN. BHD**

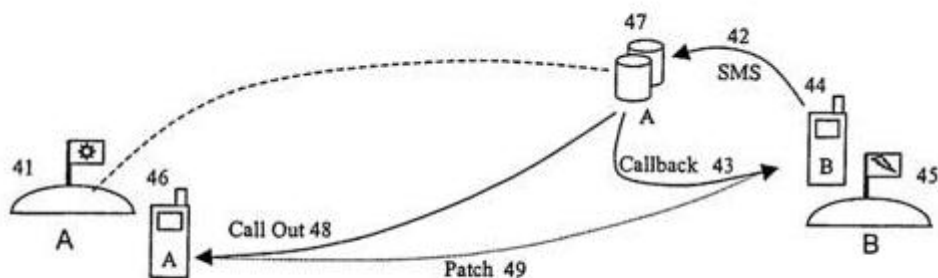
Address of Applicant :SUITES 22-28, 5TH FLOOR, I.O.I. BUSINESS PARK PUCHONG, 47100 SELANGOR, Malaysia

## (72)Name of Inventor :

**1)LEE ENG SIA****2)PETER YEOW HENG HO****3)LOH JIN FEEI**

## (57) Abstract :

The invention discloses a method of connecting two or more phone lines in a cross-country connection through a rented device (44). The device may be a mobile phone or a SIM card. An SMS message (42) is sent from the rented device (44) to a service provider (47) bearing the identification of the phone lines to be connected. The SMS is received by a gateway of the service provider, and the gateway subsequently places calls to the phone lines (46) in the SMS and connects the phone lines.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.551/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :05/05/2005

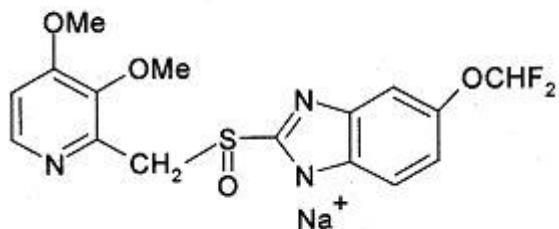
(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF PANTOPRAZOLE SODIUM SESQUIHYDRATE AND PRODUCTS PREPARED THEREBY

|                                               |           |                                                      |
|-----------------------------------------------|-----------|------------------------------------------------------|
| (51) International classification             | :C07D7/00 | (71)Name of Applicant :                              |
| (31) Priority Document No                     | :NA       | <b>1)RPG LIFE SCIENCES LIMITED</b>                   |
| (32) Priority Date                            | :NA       | Address of Applicant :CEAT MAHAL 463 DR.ANNIE BESANT |
| (33) Name of priority country                 | :NA       | ROAD WORLI MUMBAI Maharashtra India                  |
| (86) International Application No             | :NA       | (72)Name of Inventor :                               |
| Filing Date                                   | :NA       | <b>1)SRIVASTAVA RANJAN PRASAD</b>                    |
| (87) International Publication No             | :NIL      | <b>2)MISHRA VINODKUMAR DEONAYAK</b>                  |
| (61) Patent of Addition to Application Number | :NA       | <b>3)KADAM AJIT ARJUN</b>                            |
| Filing Date                                   | :NA       | <b>4)DALVI RAJIV RAMCHANDRA</b>                      |
| (62) Divisional to Application Number         | :NA       |                                                      |
| Filing Date                                   | :NA       |                                                      |

(57) Abstract :

The present invention relates to the process of pantoprazole sodium sesquihydrate Form I having following Formula –I. from pantoprazole sodium comprising formation of a suspension of pantoprazole sodium in a solvent mixture and directly recovering the pantoprazole sodium sesquihydrate Form-I by filtration.

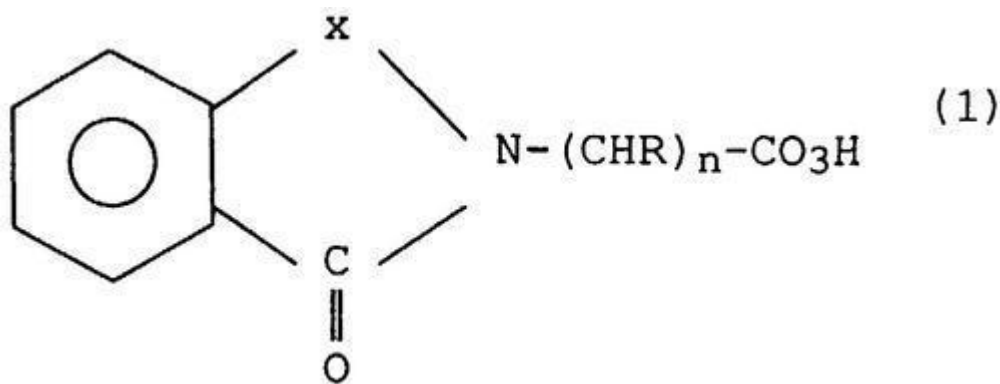


(54) Title of the invention : ORAL COMPOSITION COMPRISING PEROXYAMIDOPHTHALAMIDE DERIVATIVES

|                                               |                       |                                                                                                                                                                |
|-----------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K7/10<br>A61K7/20 | (71) <b>Name of Applicant :</b><br><b>1)HINDUSTAN LEVER LIMITED</b><br>Address of Applicant :165/166, BACKBAY RECLAMATION,<br>MUMBAI-400 020 Maharashtra India |
| (31) Priority Document No                     | :01306397.9           | (72) <b>Name of Inventor :</b>                                                                                                                                 |
| (32) Priority Date                            | :26/07/2001           | <b>1)JOINER ANDREW</b>                                                                                                                                         |
| (33) Name of priority country                 | :EUROPEAN<br>UNION    | <b>2)THORNTHWAITE, DAVID WILLIAM</b>                                                                                                                           |
| (86) International Application No             | :PCT/EP02/06980       | <b>3)WATERFIELD, PHILIP CHRISTOPHER</b>                                                                                                                        |
| Filing Date                                   | :25/06/2002           |                                                                                                                                                                |
| (87) International Publication No             | :WO 03/009824         |                                                                                                                                                                |
| (61) Patent of Addition to Application Number | :NA                   |                                                                                                                                                                |
| Filing Date                                   | :NA                   |                                                                                                                                                                |
| (62) Divisional to Application Number         | :NA                   |                                                                                                                                                                |
| Filing Date                                   | :NA                   |                                                                                                                                                                |

(57) Abstract :

An oral composition with an improved teeth whitening effect, comprising a first formulation comprising an effective amount of a peroxy amido phthalamide having the structural formula: in which R is hydrogen or C1-C4 alkyl; n is 1 to 5; and X is C=O or SO<sub>2</sub>, wherein said first formulation has a pH of from 2 to 6 and a second formulation formulated such that when said second formulation is mixed with the first formulation the pH of the mixture is from 6.5 to 8.5.

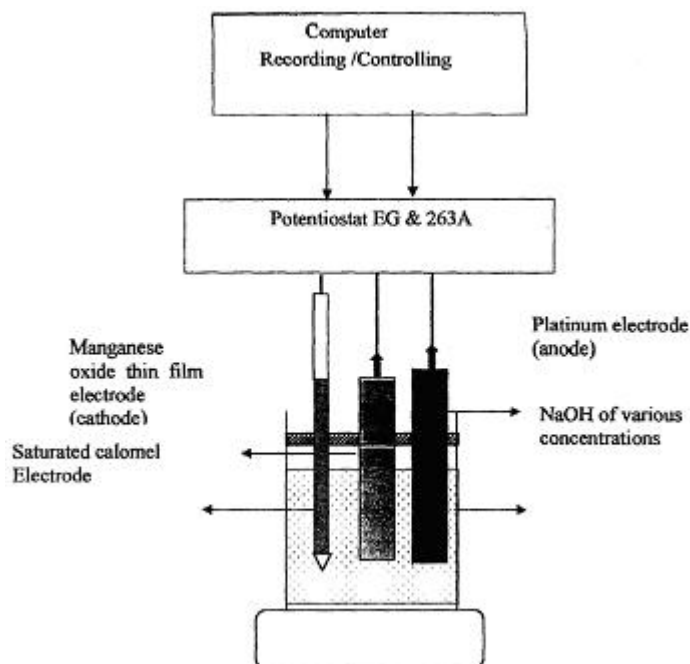


(54) Title of the invention : MANGANESE OXIDE THIN FILM BASED SUPERCAPACITOR

|                                               |            |                                                                  |
|-----------------------------------------------|------------|------------------------------------------------------------------|
| (51) International classification             | :B01D53/00 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :NA        | <b>1)Chandrakant Dnyandev Lokhande</b>                           |
| (32) Priority Date                            | :NA        | Address of Applicant :Department of Physics, Shivaji University, |
| (33) Name of priority country                 | :NA        | Kolhapur-416 004, Maharashtra India                              |
| (86) International Application No             | :NA        | <b>2)Sandhya Shivram Kulkarni,</b>                               |
| Filing Date                                   | :NA        | (72)Name of Inventor :                                           |
| (87) International Publication No             | : NA       | <b>1)Chandrakant Dnyandev Lokhande</b>                           |
| (61) Patent of Addition to Application Number | :NA        | <b>2)Sandhya Shivram Kulkarni,</b>                               |
| Filing Date                                   | :NA        |                                                                  |
| (62) Divisional to Application Number         | :NA        |                                                                  |
| Filing Date                                   | :NA        |                                                                  |

(57) Abstract :

Supercapacitor, also known as electrochemical capacitor is an unique electrochemical device designed to posses characteristic of high power density, high charge-discharge cycle life and high discharge efficiency. Oxide materials such as  $\text{RuO}_4$  and  $\text{IrO}_4$  although exhibit good capacitive nature, as they are highly expensive for the commercial applications. Among the transition metal oxides, manganese oxide is one of the promising material for supercapacitors. Due to its various oxidation states, it helps in redox reactions occurring during formation of electrochemical capacitor. We have prepared manganese oxide thin films by simple chemical bath deposition method at room temperature. Manganese oxide thin film based electrochemical supercapacitor was tested in NaOH solution with the help of cyclic voltametry (C-V) technique. Manganese oxide thin film showed stability in NaOH electrolyte. The value of specific capacitance was greater was greater than  $350 \text{ Fg}^{-1}$ .



(12) PATENT APPLICATION PUBLICATION

(21) Application No.609/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :01/06/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : MODULATED SINTERING OF WAX FOR CONTROLLED RELEASE PREPARATIONS

|                                               |           |                                                     |
|-----------------------------------------------|-----------|-----------------------------------------------------|
| (51) International classification             | :A61K9/14 | (71) <b>Name of Applicant :</b>                     |
| (31) Priority Document No                     | :NA       | <b>1)REENA SHIVKUMAR SINGH</b>                      |
| (32) Priority Date                            | :NA       | Address of Applicant :501, D PINK PALACE, NEAR KDMC |
| (33) Name of priority country                 | :NA       | MARKET, SANTOSHI MATA ROAD, RAMBAUG KALYAN (W)      |
| (86) International Application No             | :NA       | MUMBAI 421301 Maharashtra India                     |
| Filing Date                                   | :NA       | <b>2)PODDAR SUSHILKUMAR SHARATCHANDRA</b>           |
| (87) International Publication No             | : NA      | (72) <b>Name of Inventor :</b>                      |
| (61) Patent of Addition to Application Number | :NA       | <b>1)REENA SHIVKUMAR SINGH</b>                      |
| Filing Date                                   | :NA       | <b>2)PODDAR SUSHILKUMAR SHARATCHANDRA</b>           |
| (62) Divisional to Application Number         | :NA       |                                                     |
| Filing Date                                   | :NA       |                                                     |

(57) Abstract :

A process for the controlled release of active substances from matrix pellets is developed. The matrix comprises of hydrophobic biopolymers. The process of manufacture involves different degree of sintering of matrix pellets, which results in various type of release profile.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.629/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/05/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : MIDIFIED COMPOSITION OF CALCITRIOL

|                                               |            |                                                 |
|-----------------------------------------------|------------|-------------------------------------------------|
| (51) International classification             | :A61K37/59 | (71)Name of Applicant :                         |
| (31) Priority Document No                     | :NA        | <b>1)ASTRON RESEARCH LIMITED</b>                |
| (32) Priority Date                            | :NA        | Address of Applicant :10TH FLOOR PREMIER HOUSE, |
| (33) Name of priority country                 | :NA        | BODAKDEV OPP. GURUDWARA SARKHEJ- GANDHINAGAR    |
| (86) International Application No             | :NA        | HIGHWAY, AHMEDABAD Gujarat India                |
| Filing Date                                   | :NA        | (72)Name of Inventor :                          |
| (87) International Publication No             | : NA       | <b>1)JAYANTA KUMAR MANDAL</b>                   |
| (61) Patent of Addition to Application Number | :NA        | <b>2)BHAVESH NALINKUMAR SHAH</b>                |
| Filing Date                                   | :NA        | <b>3)SATYAVAN SHIVAJIRAO DHAVALE</b>            |
| (62) Divisional to Application Number         | :NA        | <b>4)KIRTI BANSIDHAR MAHESHWARI</b>             |
| Filing Date                                   | :NA        |                                                 |

(57) Abstract :

The present invention relates to a modified composition of calcitriol. The pharmaceutical composition comprises of calcitriol, calcium salt and zinc and/or their substitutes. Further this relates to the process for preparation of stabilized pharmaceutical compositions resulting therefrom. This dosage form is palatable and orally administrable formulation.

(54) Title of the invention : POSITIONING ACCESSORY FOR CAMERA-EQUIPPED WIRELESS TERMINALS.

(51) International classification :H04N5/225  
 (31) Priority Document No :10/731,055  
 (32) Priority Date :09/12/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/019948  
 Filing Date :22/06/2004  
 (87) International Publication No :WO2005/062602A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)SONY ERICSSON MOBILE COMMUNICATIONS AB**

Address of Applicant :Nya Vattentorget, S-221 88 Lund, Sweden

(72)Name of Inventor :

**1)OVERSTREET, FRANK R.**

(57) Abstract :

A stand (10) for a camera-equipped wireless communications device (40) comprises a base (12), an adjustable terminal support (14) movably mounted to the base (12), and an auxiliary system connector (16) mounted to the base (12). The adjustable terminal support (14) includes a system plug (20) that connects to a system interface (48) on the camera-equipped wireless communications device (40). The auxiliary system connector (16) connects a peripheral device (50) associated with the camera-equipped wireless communications device (40) to the base (12). The system plug (20) and the auxiliary system connector (16) are interconnected by a system bus (18) that extends through the base (12).

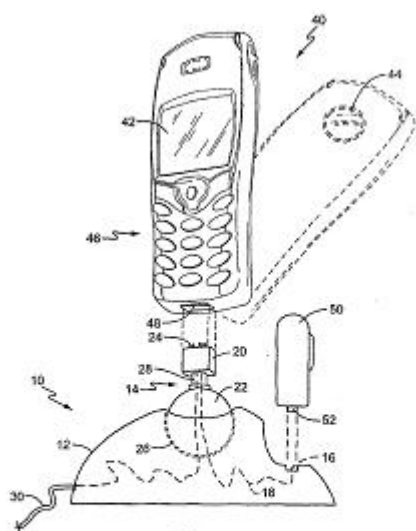


FIG. 1

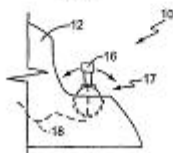


FIG. 1A

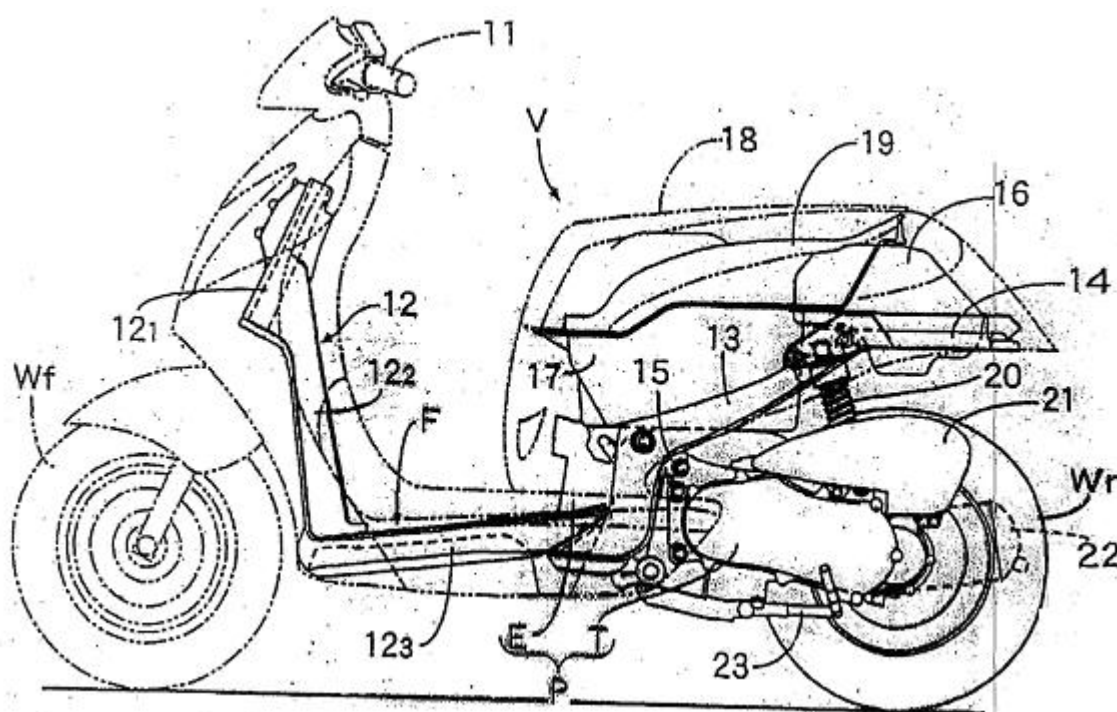
(54) Title of the invention : SUPPORT STRUCTURE OF CRANK SHAFT

(51) International classification :F16C9/02,F16C19/10  
 (31) Priority Document No :HEI-11-157426  
 (32) Priority Date :04/06/1999  
 (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 :412/MUM/2000  
 Filed on :04/05/2000

(71)Name of Applicant :  
**1)HONDA GIKEN KOGYO KABUSHIKI KAISHA**  
 Address of Applicant :1-1 Minamiaoyama, 2-chome, Minato-ku, Tokyo,  
 Japan  
 (72)Name of Inventor :  
**1)YOSHIYUKI SEKIYA**

(57) Abstract :

A support structure of a crank shaft in which a crank shaft (31) is rotatably supported by a crank case (29) to be divided by a plane having a rotational axis of the crank shaft (31) via bearings (84) arranged at positions sandwiching a crank pin (28) therebetween, wherein the inner race (86) of each bearing (84) is mounted on the crank shaft (31) at a position in a direction along an axis of the crank shaft (31) in such a way that it can not move relatively with respect to the crank shaft (31) and wherein the outer race (85) of each bearing (84) is mounted on the crank case (29) at a position in the direction along the axis of the crank shaft (31) in such a way that it can not move relatively with respect to the crank case (29).



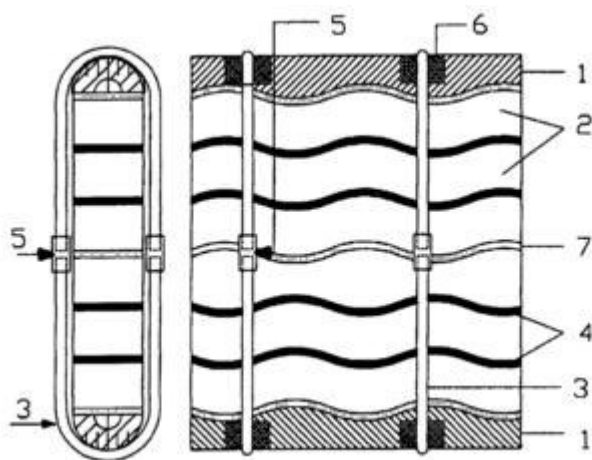


(54) Title of the invention : WOOD - BAMBOO COMPOSITES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(51) International classification :B27L7/00<br/>B32B<br/>5/28</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA</p> <p>Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p> | <p>(71)Name of Applicant :<br/><b>1)K.R. DATYE</b><br/>Address of Applicant :CHAITRABAN, 1st FLOOR, HANUMAN<br/>CROSS ROAD NO 1, VILE PARLE EAST, MUMBAI- 400 057<br/>Maharashtra India</p> <p><b>2)V.N. GORE</b></p> <p>(72)Name of Inventor :<br/><b>1)K.R. DATYE</b><br/><b>2)V.N. GORE</b></p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## (57) Abstract :

The invention relates to novel composites constituted of wood, bamboo, micro/ macro fibre inclusions, reconstituted-bamboo laminates (4) and fillers exhibiting monolithic behaviour under sustained and diverse loading conditions using stress lamination combined with interface irregularities for providing necessary shear resistance and tensile strength. Poor performance resulting from lack of inter fiber bond, splitting, brooming etc has restricted large-scale use of bamboo & small wood as engineering materials. Integrity & monolithic behaviour of the composite is achieved with stress lamination by use of U bolts (3), rods, bands etc in conjunction with designed irregularities such as undulations, serration & indentation with fasteners e.g. clamping plates, dowels. The techniques based on the invention have the potential to utilize small dimensioned wood, bamboo and reconstituted-bamboo laminates (4) to mass produce built up members e.g. beams, girders, trusses, struts, ties, frames, cylinders etc. in engineering structures such as towers, shells, arches, tanks, culverts and bridges.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.696/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :10/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL POLYMORPHIC FORMS OF 7-[4-[4-(2,3-DICHLOROPHENYL)PIPERAZIN-1-YL]BUTOXY]-1,2,3,4-TETRAHYDROQUINOLIN-2-ONE AND THEIR PREPARATION

|                                               |                           |                                                                                                                                                      |
|-----------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D215/22<br>A61K31/496 | (71) <b>Name of Applicant :</b><br><b>1)ALEMBIC LIMITED</b><br>Address of Applicant :ALEMBIC CAMPUS, ALEMBIC ROAD,<br>VADODARA 390 003 Gujarat India |
| (31) Priority Document No                     | :NA                       | (72) <b>Name of Inventor :</b>                                                                                                                       |
| (32) Priority Date                            | :NA                       | <b>1)SONI ROHIT RAVIKANT</b>                                                                                                                         |
| (33) Name of priority country                 | :NA                       | <b>2)PATEL SATYEN PURUSHOTTAMBHAI</b>                                                                                                                |
| (86) International Application No             | :NA                       | <b>3)GUJJAR HITESHKUMAR JAYRAMBHAI</b>                                                                                                               |
| Filing Date                                   | :NA                       | <b>4)MISTRY DHARMESH BALWANTRAI</b>                                                                                                                  |
| (87) International Publication No             | :NIL                      |                                                                                                                                                      |
| (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 novel polymorphic forms of 7-[4-[4-(2,3-dichlorophenyl)piperazin-1,2,3,4-tetrahydroquinolin-2-one Form A, Form B, Form C and process for the preparation of same.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.713/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :17/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : FORMULATION OF DOMPERIDONE AND PANTOPRAZOLE

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :A61K31/454 | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :NA         | <b>1)MEDLEY PHARMACEUTICALS LIMITED</b>                 |
| (32) Priority Date                            | :NA         | Address of Applicant :MEDLEY HOUSE D-2 MIDC AREA STREET |
| (33) Name of priority country                 | :NA         | NO 16 ANDHERI (EAST) MUMBAI 400 093, Maharashtra India  |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :NA         | <b>1)KHATIB SAHIR SAMI</b>                              |
| (87) International Publication No             | :NA         | <b>2)SINGH ANJANI KUMAR</b>                             |
| (61) Patent of Addition to Application Number | :NA         | <b>3)AWDHESH MAHESHWARI</b>                             |
| Filing Date                                   | :NA         |                                                         |
| (62) Divisional to Application Number         | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |

(57) Abstract :

The invention discloses a bilayered tablet composition comprising Domperidone in sustained release dosage form and Pantoprazole in conventional release dosage form for the effective treatment of gastro-intestinal symptoms related to the treatment of Parkinson's disease with dopamine agonists.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :17/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : MICROENCAPSULATING A PLANT PROTECTING AGENT

|                                               |            |                                                                |
|-----------------------------------------------|------------|----------------------------------------------------------------|
| (51) International classification             | :A01N25/28 | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :NA        | <b>1)UNITED PHOSPHORUS LIMITED</b>                             |
| (32) Priority Date                            | :NA        | Address of Applicant :Uniphos House, 11th Road, C.D.Marg, Khar |
| (33) Name of priority country                 | :NA        | (West), Mumbai 400 052, Maharashtra India                      |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :NA        | <b>1)JADHAV PRAKASH MAHADEV</b>                                |
| (87) International Publication No             | :NA        | <b>2)SHROFF JAIDEV RAJNIKANT</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 disclosed in this application relates to microcapsules of organochlorine compounds useful as insecticides using a prepolymer of urea - formaldehyde modified by acrylamide and the process for encapsulation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.718/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :20/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : CONTROLLED RELEASE DOSAGE FORMS OF DULOXETINE

|                                               |            |                                                                     |
|-----------------------------------------------|------------|---------------------------------------------------------------------|
| (51) International classification             | :A61K31/00 | (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 Cross Roads, Ahmedabad- |
| (33) Name of priority country                 | :NA        | 380 015, Gujarat India                                              |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                      |
| Filing Date                                   | :NA        | <b>1)PRASAD RUDRESHA KORLAKUNTE VIRUPAKSHAIAH</b>                   |
| (87) International Publication No             | : NA       | <b>2)DESOMAYANANDAM PRABHAKARAN</b>                                 |
| (61) Patent of Addition to Application Number | :NA        |                                                                     |
| Filing Date                                   | :NA        |                                                                     |
| (62) Divisional to Application Number         | :NA        |                                                                     |
| Filing Date                                   | :NA        |                                                                     |

(57) Abstract :

The preset invention provides a controlled release dosage form of duloxetine comprising a homogenous core comprised of duloxetine or its pharmaceutically acceptable salts, pharmaceutically acceptable polymeric carrier, solubility enhancer, a hydrophobic component, a hydrodynamic diffusion enhancer,a viscolyzing agent and pharmaceutically acceptable excipients; a entering coat on said core and a barrier layer between said core and the enteric coat.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.719/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :20/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A NEW PROCESS FOR THE PREPARATION OF HIGHLY PURE LEVOFLOXACIN HEMIHYDRATE

|                                               |            |                                                                    |
|-----------------------------------------------|------------|--------------------------------------------------------------------|
| (51) International classification             | :A61K31/00 | (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 Cross Road, Ahmedabad |
| (33) Name of priority country                 | :NA        | 380 015, Gujarat India                                             |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                                     |
| Filing Date                                   | :NA        | <b>1)BHIMANI, GIRISH, H.</b>                                       |
| (87) International Publication No             | :NA        | <b>2)PATEL DHIMANTJ.</b>                                           |
| (61) Patent of Addition to Application Number | :NA        | <b>3)RAJIV KUMAR</b>                                               |
| Filing Date                                   | :NA        | <b>4)AGRAWAL VIRENDRAKUMAR</b>                                     |
| (62) Divisional to Application Number         | :NA        |                                                                    |
| Filing Date                                   | :NA        |                                                                    |

(57) Abstract :

A highly pure (S)-9-fluoro-2, 3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid hemihydrate i.e. Levofloxacin hemihydrate is disclosed. The product has greater than 99.5% purity determined by high-performance liquid chromatography, having less than 1000 parts per million (p.p.m.) of residual ethanol relative to levofloxacin hemihydrate and (+)-enantiomer by chiral high-performance liquid chromatography is not more than 0.5%. Also disclosed is a process for the preparation of Levofloxacin hemihydrate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.722/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :20/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITION CONTAINING PRAVASTATIN

|                                               |            |                                                    |
|-----------------------------------------------|------------|----------------------------------------------------|
| (51) International classification             | :A61K31/00 | (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 CROSS |
| (33) Name of priority country                 | :NA        | ROADS, AHMEDABAD - 380 015, Gujarat India          |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                     |
| Filing Date                                   | :NA        | <b>1)JATIN GAJJAR</b>                              |
| (87) International Publication No             | : NA       | <b>2)SANDEEP PATEL</b>                             |
| (61) Patent of Addition to Application Number | :NA        | <b>3)PARIKSHIT KULKARNI</b>                        |
| Filing Date                                   | :NA        |                                                    |
| (62) Divisional to Application Number         | :NA        |                                                    |
| Filing Date                                   | :NA        |                                                    |

(57) Abstract :

A pharmaceutical composition containing pravastatin or its pharmaceutical acceptable salt and a process for the manufacture thereof are disclosed. The composition is synergistic and comprises of a stabilising agent, and balance if any, comprising of conventional additives and excipients, where in said composition remains stable at a pH less than 9 in 1% w/w aqueous dispersion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.733/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL PROCESS FOR PREPARATION OF CRYSTALLINE VENLAFAXINE HYDROCHLORIDE

|                                               |             |                                                               |
|-----------------------------------------------|-------------|---------------------------------------------------------------|
| (51) International classification             | :C07C217/74 | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :NA         | <b>1)ALEMBIC LIMITED</b>                                      |
| (32) Priority Date                            | :NA         | Address of Applicant :Alembic Campus, Alembic Road, Vadodara- |
| (33) Name of priority country                 | :NA         | 390003, Gujarat India                                         |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :NA         | <b>1)DEHPANDE PANDURANG BALWANT</b>                           |
| (87) International Publication No             | : NA        | <b>2)RATHOD DHIRAJ MOHANSINH</b>                              |
| (61) Patent of Addition to Application Number | :NA         | <b>3)VOHRA IRFAN FARUQBHAI</b>                                |
| Filing Date                                   | :NA         |                                                               |
| (62) Divisional to Application Number         | :NA         |                                                               |
| Filing Date                                   | :NA         |                                                               |

(57) Abstract :

The claimed invention provides a novel methods of preparing Venlafaxine hydrochloride Form B. The process comprises the steps of dissolving any form of Venlafaxine hydrochloride either in water or in mixture of water and suitable solvent, azeotropically removing the water from said solution. It also comprises the steps of suspending any form of Venlafaxine Hydrochloride in suitable solvent, seeding Venlafaxine Hydrochloride Form B to said suspension and isolating crystalline Venlafaxine Hydrochloride Form B.



(54) Title of the invention : HIGH SPEED HIGH STAND FABRIC TAKE-UP DEVICE WITH UNIFORM FABRIC TAUTNESS ARRANGEMENT

(51) International classification

:D04B15/66  
D04B15/00

(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 :

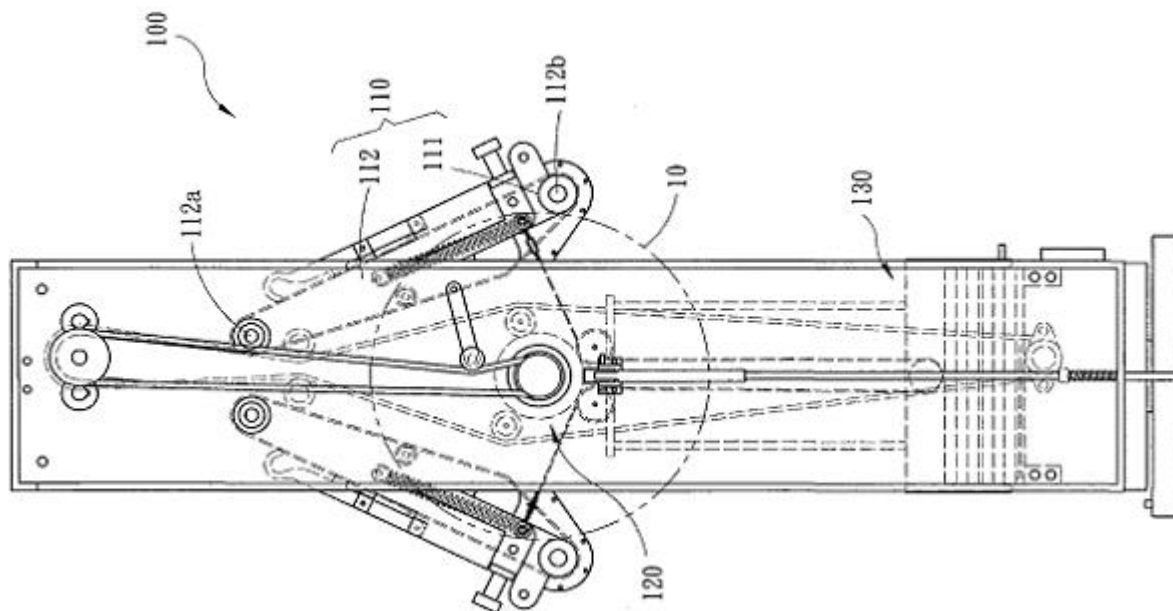
**1)PAI LUNG MACHINERY MILL CO.,LTD.**Address of Applicant :No.8, Ting Ping Road, Jui-Fang Town, Taipei  
Hsien, Taiwan,R.O.C. Taiwan

(72)Name of Inventor :

**1)CHEN SHIH-CHI**

(57) Abstract :

Provided is a high-speed high-stand device for taking up fabric comprising two side boxes each including a projection formed on its side proximate top; a take-up shaft provided across intermediate portions of the side boxes, the take-up shaft being adapted to wind fabric therearound; and a friction mechanism including two arms each having the other end pivotably connected to the projection, and a friction rod fixedly interconnected one ends of the arms, the friction rod being provided above the take-up shaft to contact the fabric wound therearound. In a fabric take-up process, an angle from an initial position of the arms to an operating position thereof is limited as a diameter of the fabric is increasing, and a pressing force exerted by the friction rod on the fabric being wound around the take-up shaft is the same for obtaining a uniform tautness of the wound fabric.

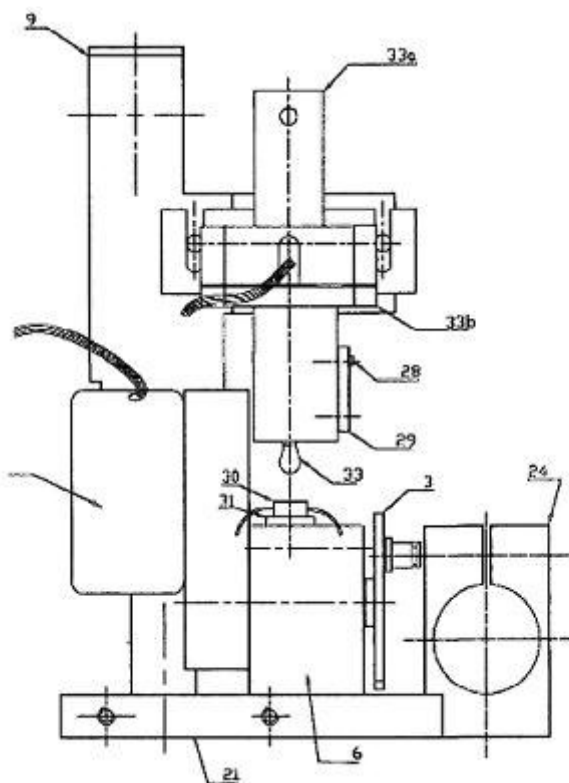


(54) Title of the invention : DIAMOND TABLE POLISHING MACHINE

|                                               |           |                                                          |
|-----------------------------------------------|-----------|----------------------------------------------------------|
| (51) International classification             | :B24B9/16 | (71)Name of Applicant :                                  |
| (31) Priority Document No                     | :NA       | <b>1)AUM DIATECH</b>                                     |
| (32) Priority Date                            | :NA       | Address of Applicant :GROUND FLOOR RUBY BIDG NO 06 NEAR  |
| (33) Name of priority country                 | :NA       | RAJHANS POINT VARACHHA ROAD, SURAT 395006, Gujarat India |
| (86) International Application No             | :NA       | (72)Name of Inventor :                                   |
| Filing Date                                   | :NA       | <b>1)AMBRE SUNIL VASANT</b>                              |
| (87) International Publication No             | :NA       | <b>2)SHAH JIGESH RAJNIKANT</b>                           |
| (61) Patent of Addition to Application Number | :NA       |                                                          |
| Filing Date                                   | :NA       |                                                          |
| (62) Divisional to Application Number         | :NA       |                                                          |
| Filing Date                                   | :NA       |                                                          |

## (57) Abstract :

First of all marking is done on the surface of diamond then the diamond is fitted in the dye. It is then heated in the oven and fitted in the dop. Then the dop is fitted in the set up station for setting the tilting as per the marking on the diamond. Set up station is a vision system in which laser sign, marked on the diamond is viewed and tilting (orientation) of the diamond is done as per the laser marking. After tilting is set, inbuilt software helps to measure the microns from top edge of diamond till laser mark. Then microns which were measured from the set up station are feed in the machine. When machine is started diamond comes down till it touches scaife. When diamond touches scaife, actuator screw takes the reference from its reference position, i.e. it will start calculating the cut microns from zero.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :28/06/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : RICE COOKER

(51) International classification

:A47J27/00  
A47J27/04

(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)HARU MIYAKE**

Address of Applicant :36-2, YOMOGIDAI 1- CHOME, MEITO-KU,  
NAGOYA-SHI, AICHI-KEN - 465 0091 Japan

(72)**Name of Inventor :**

**1)TAKAMURA MIYAKE**

**2)HARU MIYAKE**

(57) Abstract :

When water temperature is high and time germinating step is short, it is hard to cook freely to individual preference, and water turbidity and bad smell are likely to occur. By germinating with immersing brown rice or rice with the germ in water at 28 to 34 degrees for 3 to 6 hours in an inner pot 3, being followed by a cooking step successively, the rice can be immersed for a necessary time at low temperature, so that germinated rice with enough content of gamma-aminobutyric acid (GABA) can be obtained without causing water turbidity or bad smell.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.765/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : PIGMENTED COSMETIC COMPOSITION EXHIBITING RADIANCE WITH SOFT FOCUS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K7/48          |
| (31) Priority Document No                     | :60/538662         |
| (32) Priority Date                            | :23/01/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/EP2004/011363 |
| Filing Date                                   | :06/10/2004        |
| (87) International Publication No             | :WO2005/070382A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)HINDUSTAN LEVER LIMITED**

Address of Applicant :Hindustan Lever House, 165-166 Backbay  
Reclamation, Mumbai-400 020 Maharashtra India

(72)Name of Inventor :

**1)ROSEVEAR JEFFREY WILLIAM**

**2)DOBKOWSKI BRIAN JOHN**

**3)CHANDAR PREM**

**4)DE MUL MARC NICOLAAS GERARD**

**5)POLONKA JACK**

(57) Abstract :

A cosmetic composition is provided which includes a crosslinked silicone elastomer, a zinc oxide or zirconium oxide of average particle size less than 300 nm and a light reflecting inorganic material of platelet shaped particles having an average particle size of about 10,000 to about 30,000 nm, in a cosmetically acceptable carrier system. The composition achieves soft focus and radiance properties which improve the appearance of skin. Good coverage over imperfections such as pores and uneven skin tone is achieved while retaining a natural skin appearance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.77/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/01/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : PEAK POWER SUPPRESSING APPARATUS AND METHOD OF SUPPRESSING PEAK POWER

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04J11/00         |
| (31) Priority Document No                     | :2003-280553       |
| (32) Priority Date                            | :28/07/2003        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2004/010633 |
| Filing Date                                   | :26/07/2004        |
| (87) International Publication No             | :WO2005/011168A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD**  
Address of Applicant :1006 OAZA KADOMA KADOMA-SHI  
OSAKA 571-8501, Japan  
(72)**Name of Inventor :**  
**1)JIFENG LI**

(57) Abstract :

A peak electric power suppressing apparatus capable of suppressing the peak electric power by use of easy processings without degrading the error characteristic of multi-carrier signals. In the apparatus, a modulating part (100) modulates data to be transmitted. An encoding part (110) encodes the modulated data. An S/P converting part (120) S/P converts the encoded data and outputs a plurality of sequences of parallel data as obtained by the S/P conversion to an IFFT part (130), which inverse-fast-Fourier-transforms the parallel data to produce an OFDM signal. A GI adding part (140) adds a guard interval to the OFDM signal. An electric power converting part (150) converts the electric power of the OFDM signal by use of a nonlinear function. A D/A converting part (160) D/A converts the OFDM signal as electric-power-converted. A radio transmitting part (170) amplifies the electric power of the analog signal and performs predetermined radio transmission processings such as up-conversion to transmit the signal via an antenna (180).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.794/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :05/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : ANTI-MALARIAL COMPOSITION

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :A61K31/135,31/352 | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :NA                | <b>1)CIPLA LIMITED</b>                                    |
| (32) Priority Date                            | :NA                | Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, |
| (33) Name of priority country                 | :NA                | MUMBAI-400 008 Maharashtra India                          |
| (86) International Application No             | :NA                | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :NA                | <b>1)LULLA, AMAR</b>                                      |
| (87) International Publication No             | :Nil               | <b>2)MALHOTRA, GEENA</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 anti-malarial pharmaceutical composition comprising artesunate and lumefantrine in therapeutically effective amounts provided as single dosage unit. The invention also discloses a method of making the pharmaceutical composition, and to the use of the composition in the treatment of malaria.

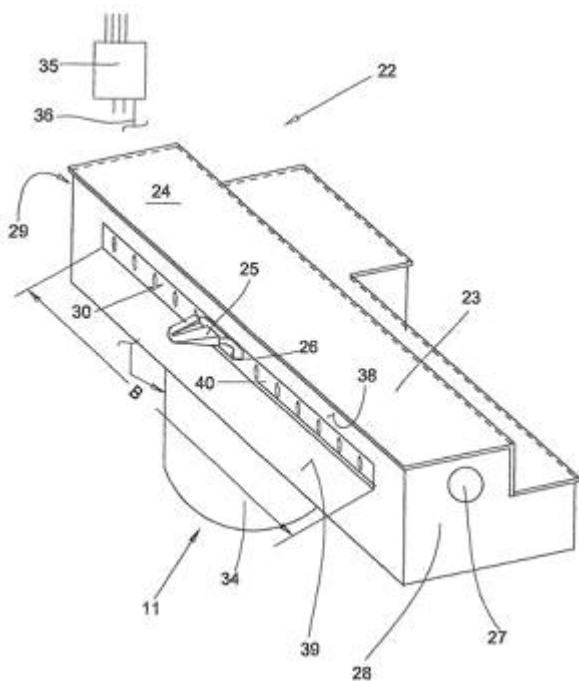
(54) Title of the invention : THREAD TRANSVERSING DEVICE FOR A WINDING DEVICE OF A CROSS-WOUND BOBBIN PRODUCING TEXTILE MACHINE

(51) International classification :B65H54/28  
 (31) Priority Document No :10 2004003173.8  
 (32) Priority Date :22/01/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP04/014784  
 Filing Date :29/12/2004  
 (87) International Publication No :WO 2005/070799  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)SAURER GMBH & CO.,KG**  
 Address of Applicant :LANDGRAFENSTRASSE 45, D-41069  
 MONCHENGLADBACH, Germany  
 (72)**Name of Inventor :**  
**1)PREUTENBORBECK MAXIMILIAN**  
**2)OEHL WILHELM**  
**3)WILMS WILLI**

(57) Abstract :

The invention relates to a thread transversing device for a winding device of a cross-wound bobbin producing textile machine. Said thread transversing device has a thread guide which is guided in a thread guide rod in the working area and is connected to an individual drive mechanism by a continuous traction mechanism. According to the invention, the thread transversing device (11) has a substantially closed housing (23), whose inner space (37) in the transversing area (B) of the thread guide (25) is sealed by the continuous traction mechanism (30).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.807/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :06/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A process for the preparation of 1-(9H-Carbazol-4-yloxy)-3-[[2-(2-methoxyphenoxy) ethyl]amino]-2-propanol and its salts

|                                               |                                       |                                                                                                                                                                 |
|-----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/403<br>C07D209/82<br>A01P9/00 | (71) <b>Name of Applicant :</b><br><b>1)IPCA LABORATORIES LTD.</b><br>Address of Applicant :48,Kandivli Industrial Estate, Mumbai-400 067,<br>Maharashtra India |
| (31) Priority Document No                     | :NA                                   | (72) <b>Name of Inventor :</b>                                                                                                                                  |
| (32) Priority Date                            | :NA                                   | <b>1)Kumar,Ashok</b>                                                                                                                                            |
| (33) Name of priority country                 | :NA                                   | <b>2)Soudagar,Satish Rajanikant</b>                                                                                                                             |
| (86) International Application No             | :NA                                   | <b>3)Mathur,Pramil Kumar</b>                                                                                                                                    |
| Filing Date                                   | :NA                                   | <b>4)Nijasure,Avinash Manohar</b>                                                                                                                               |
| (87) International Publication No             | : NA                                  | <b>5)Salunke,Sanjukumar Motiram</b>                                                                                                                             |
| (61) Patent of Addition to Application Number | :NA                                   | <b>6)Gautam,Prashant</b>                                                                                                                                        |
| Filing Date                                   | :NA                                   | <b>7)Thakur,Gajendrasingh Ramsingh</b>                                                                                                                          |
| (62) Divisional to Application Number         | :NA                                   |                                                                                                                                                                 |
| Filing Date                                   | :NA                                   |                                                                                                                                                                 |

(57) Abstract :

Disclosed herein is a procss for preparation of carvedilol substantially free from its bisimpurity comprises the reaction of 4-(2,3-epoxypropoxy)carbazole and 2-(2-methoxyphenoxy)ethylamine in a polar aprotic solvent media;followed by isolation of carvediol from the reaction mass as an acid addition salt and subsequent conversion into pure carvedilol.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.811/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :07/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : ARTEMOTIL INJECTION FORMULATION

(51) International classification

:A61K31/35  
A61K9/107

(31) Priority Document 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)SKYMAX LABORATORIES PVT LTD.**

Address of Applicant :Plot No. G/1445-46, Lodhika G.I.D.C., Metoda -  
360 035 Dist -Rajkot, Gujarat India

(72)Name of Inventor :

**1)PATEL DHARMENDRABHAI BHAGWANBHAI**

(57) Abstract :

The injection formulation comprises Artemotil (previously known as B-artether) with sesame oil. The said injection formulation is useful in the treatment of severe Plasmodium falciparum malarial infection, administered intramuscularly. 5 ampoules dosage of the Artemotil formulation would be effective in stopping the malarial transmission and clearance of parasites. Each ampoule contains Artemotil 50 mg or 150 mg and 1 ml of sesame oil, wherein using Artemotil concentrating is depending on the severity of disease. 50 mg Artemotil dosage form is recommended for upto 12 years of age group and 150 mg Artemotil dosage form is recommended for adults. 5 ampoule dosages at fixed time schedule is required to control over the malarial infection and parasite clearance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.812/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :07/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR HANDLING SERVICE REQUESTS IN A MOBILE TELECOMMUNICATION NETWORK

|                                               |                      |                                                             |
|-----------------------------------------------|----------------------|-------------------------------------------------------------|
| (51) International classification             | :H04L29/06,H04L29/06 | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :0401914-7           | <b>1)SMARTTRUST AB</b>                                      |
| (32) Priority Date                            | :20/07/2004          | Address of Applicant :Box 47154, S-100 74 Stockholm, Sweden |
| (33) Name of priority country                 | :Sweden              | (72) <b>Name of Inventor :</b>                              |
| (86) International Application No             | :NA                  | <b>1)BJORN KORNEFALK</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 :

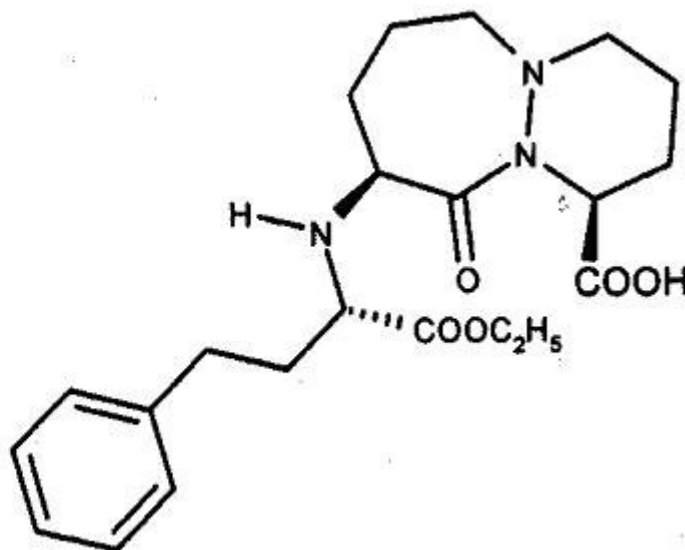
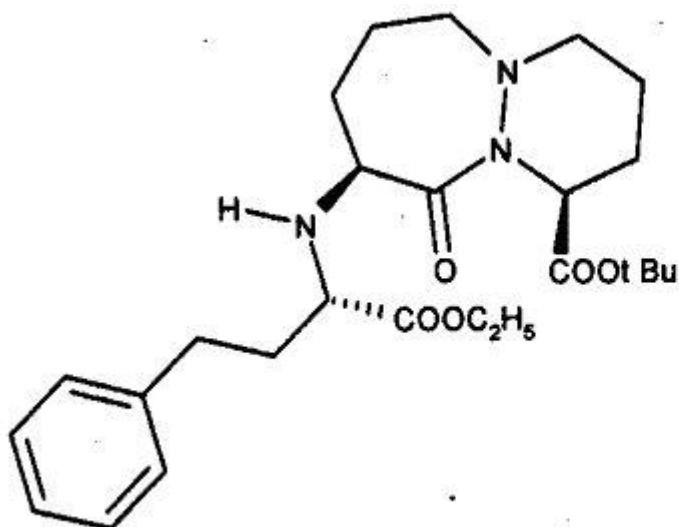
The method of the invention handles a request message from a mobile station to a content provider in a network comprising at least said mobile station, said content provider and a radio system with a first component for directing messages sent from and to mobile stations and a second component having routing information. In the method, the mobile station sends a request message to the content provider via said radio system. The request message is received by said first component for directing messages of said radio system, which first component fetches routing information from said second component. Thereafter, or simultaneously with said fetching of the routing information, the radio system forwards the request message to said content provider, which sends a reply message to the mobile station to said request via said radio system.

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

|                                               |              |                                                                  |
|-----------------------------------------------|--------------|------------------------------------------------------------------|
| (51) International classification             | :A61K31/5513 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :NA          | <b>1)GLENMARK PHARMACEUTICAL LIMITED</b>                         |
| (32) Priority Date                            | :NA          | Address of Applicant :B/2,Mahalaxmi Chambers, 22,Bhulabhai Desai |
| (33) Name of priority country                 | :NA          | Road, Post Box No. 26511 Mumbai - 400 026, Maharashtra India     |
| (86) International Application No             | :NA          | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA          | <b>1)BOBBA VENKATA SIVA KUMAR</b>                                |
| (87) International Publication No             | : NA         | <b>2)CHANGDEV NAMDEV RAUT</b>                                    |
| (61) Patent of Addition to Application Number | :NA          | <b>3)ANIL GANPAT SURYAWANSHI</b>                                 |
| Filing Date                                   | :NA          | <b>4)NITIN SHARAD CHANDRA PRADHAN</b>                            |
| (62) Divisional to Application Number         | :NA          |                                                                  |
| Filing Date                                   | :NA          |                                                                  |

(57) Abstract :

A process for preparation of cilazapril is provided comprising isolating an organic or inorganic acid salt of (1S, 9S) tert butyl 9 - [[[(1S) ethoxycarbonyl-3 -phenylpropyl]amino] octahydro - 10 -oxo - 6H - pyridazino [1,2-a] [1,2] diazepine - 1 - carboxylate and (b) converting the organic or inorganic acid salt to cilazapril.



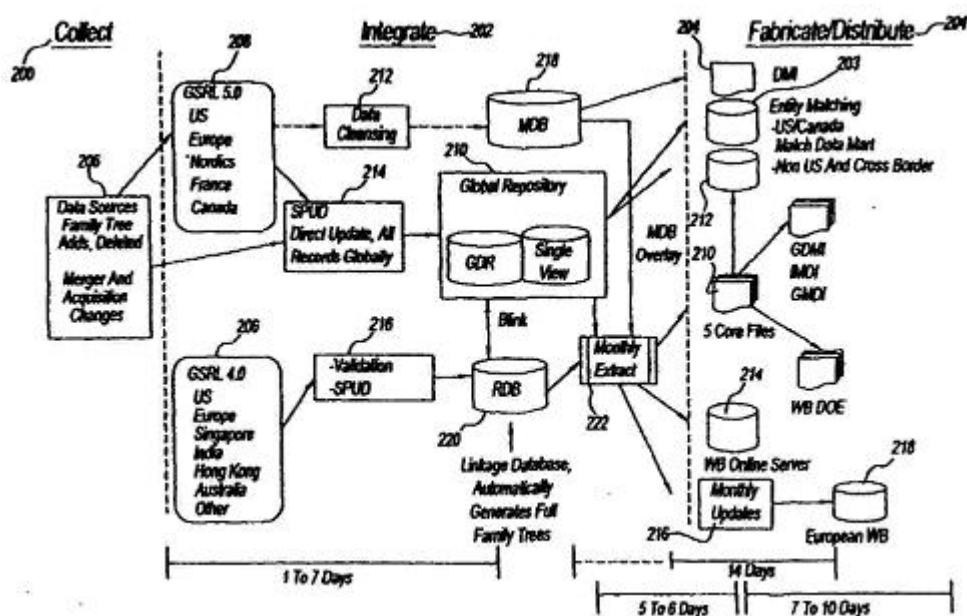
(54) Title of the invention : METHOD AND SYSTEM FOR LINKING BUSINESS ENTITIES

(51) International classification :G06F17/30  
 (31) Priority Document No :10/744,603  
 (32) Priority Date :23/12/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/043754  
 Filing Date :22/12/2004  
 (87) International Publication No :WO2005/062988A2  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)DUN & BRADSTREET, INC**  
 Address of Applicant :103 JFK Parkway,Short Hills, New Jersey 07078,  
 U.S.A.  
 (72)Name of Inventor :  
**1)DAVIES,Robin**  
**2)STOKER,Sandra**

(57) Abstract :

A corporate linkage system and method provides customers with complete, accurate, and timely lists of corporate linkage locations, including monitoring company lists for changes to location lists, matching stored locations to a company or third party list of locations, providing detailed coding on matches, and batch updates to global files.

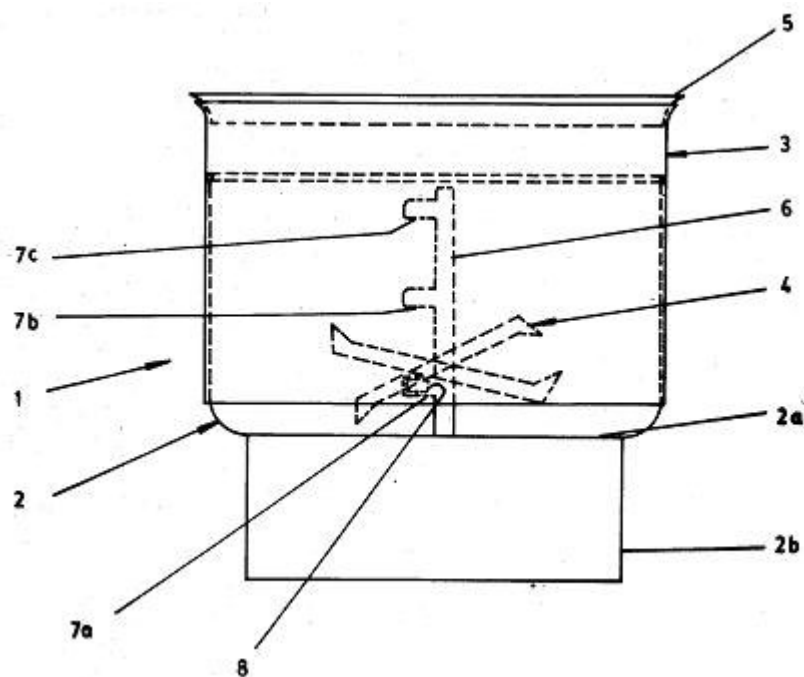


(54) Title of the invention : COMPOSITE MIXING BOWL FOR AN ELECTRIC GRINDER

|                                               |            |                                                       |
|-----------------------------------------------|------------|-------------------------------------------------------|
| (51) International classification             | :B24B23/00 | (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 ROAD, |
| (33) Name of priority country                 | :NA        | PRABHADEVI, MUMBAI - 400 025. Maharashtra India       |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                |
| Filing Date                                   | :NA        | <b>1)PHASE SHANTANU PURUSHOTTAM</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 composite mixing bowl (1) for an electric grinder. The bowl comprises an inner vessel (2) and an outer vessel (3). The inner vessel comprises a closed bottom (2a) and a collar (2b) depending down from the bottom thereof. The inner vessel is provided with a blade or cutter assembly. The outer vessel is provided with a closure or lid (5). The inner vessel and outer vessel are relatively movably and easily detachably assembled together liquid tight and provided with guiding and interlocking means (6) to guide the relative movement between them and to interlock them at predetermined locations to adjust the capacity of the bowl.



(54) Title of the invention : RELEASABLE POLYMERIC CONJUGATES BASED ON ALIPHATIC BIODEGRADABLE LINKERS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A16K39/395        |
| (31) Priority Document No                     | :10/218,167        |
| (32) Priority Date                            | :13/08/2002        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2003/025252 |
| Filing Date                                   | :13/08/2003        |
| (87) International Publication No             | :WO2004/014424A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)ENZON, INC**

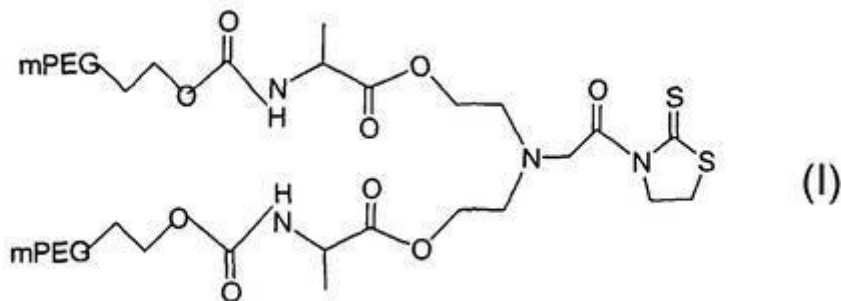
Address of Applicant :685 Route 202/206, Bridgewater, New Jersey, 08807 U.S.A.

(72)Name of Inventor :

**1)ZHAO, Hong;****2)GREENWALD, Richard, B****3)PENDRI, Annapurna**

(57) Abstract :

Activated polymeric bicine derivatives such as as well as conjugates made therewith are disclosed. Methods of making and using the bicine derivatives are also disclosed



(12) PATENT APPLICATION PUBLICATION

(21) Application No.841/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :13/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : INHALER

|                                               |            |                                                          |
|-----------------------------------------------|------------|----------------------------------------------------------|
| (51) International classification             | :A61M15/00 | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :NA        | <b>1)CILPA LIMITED</b>                                   |
| (32) Priority Date                            | :NA        | Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL |
| (33) Name of priority country                 | :NA        | MUMBAI-400 008 Maharashtra India                         |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :NA        | <b>1)AMAR LULLA</b>                                      |
| (87) International Publication No             | :NIL       | <b>2)GEENA MALHOTRA</b>                                  |
| (61) Patent of Addition to Application Number | :NA        |                                                          |
| Filing Date                                   | :NA        |                                                          |
| (62) Divisional to Application Number         | :NA        |                                                          |
| Filing Date                                   | :NA        |                                                          |

(57) Abstract :

An inhaler device is for the inhalation of particulate substances is provided. The device comprises a housing having first and second openings, a first air passageway being defined through said housing between said first and second openings, an extraction member extending from said housing and having a second air passageway formed therein, and in airflow directing means proximate one of said first and second openings.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :13/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : THERMOELECTRIC AIR CONDITIONER

|                                               |           |                                                                        |
|-----------------------------------------------|-----------|------------------------------------------------------------------------|
| (51) International classification             | :F24F1/02 | (71) <b>Name of Applicant :</b>                                        |
| (31) Priority Document No                     | :NA       | <b>1)CHEN CHUAN SHENG</b>                                              |
| (32) Priority Date                            | :NA       | Address of Applicant :Fl.12, No. 137, Sec. 2, JenAi Road Taipei, China |
| (33) Name of priority country                 | :NA       | (72) <b>Name of Inventor :</b>                                         |
| (86) International Application No             | :NA       | <b>1)CHEN CHUAN SHENG</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 thermoelectric air conditioner includes semiconductor, cold and hot ducts, fins, temperature controller and fan installed in a casing; cold air or hot air generated through the process by the thermoelectric cooling chip before being delivered through superconductor ducts free of the temperature controller allowing the air temperature to be controlled at constant, cooler or hotter before delivering the air stored in fins through the fan for the room to arrive at the temperature desired in short time.

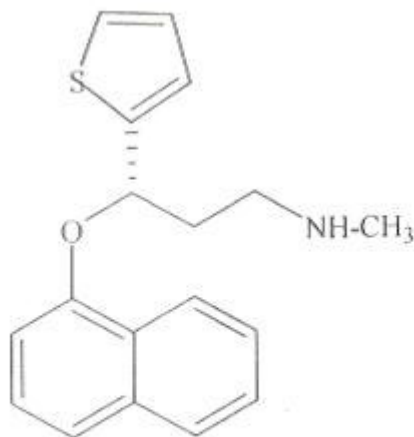
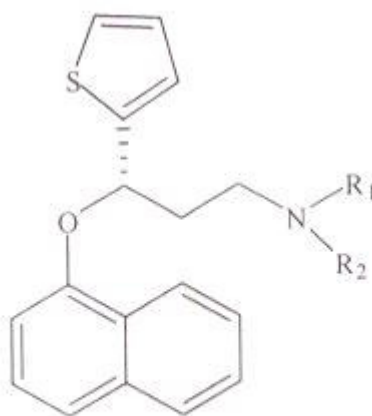


(54) Title of the invention : A PROCESS FOR PREPARATION OF AN ANTIDEPRESSANT COMPOUND

|                                               |            |                                                       |
|-----------------------------------------------|------------|-------------------------------------------------------|
| (51) International classification             | :A61K31/00 | (71)Name of Applicant :                               |
| (31) Priority Document No                     | :NA        | <b>1)SUN PHARMACEUTICAL INDUSTRIES LTD</b>            |
| (32) Priority Date                            | :NA        | Address of Applicant :ACME PLAZA, ANDHERI-KURLA ROAD, |
| (33) Name of priority country                 | :NA        | ANDHERI (E), MUMBAI - 400 059, Maharashtra India      |
| (86) International Application No             | :NA        | (72)Name of Inventor :                                |
| Filing Date                                   | :NA        | <b>1)KARTIK SHANTILAL PATEL</b>                       |
| (87) International Publication No             | : NA       | <b>2)NISCHAL VINODBHAI PATEL</b>                      |
| (61) Patent of Addition to Application Number | :NA        | <b>3)REHANI RAJEEV BUDHDEV</b>                        |
| Filing Date                                   | :NA        | <b>4)THENNATI RAJAMANNAR</b>                          |
| (62) Divisional to Application Number         | :NA        |                                                       |
| Filing Date                                   | :NA        |                                                       |

(57) Abstract :

The present invention provides optically pure (S)-(+)-N-methyl-3- (1-naphthaleneoxy)-3- (2-thienyl) propanamine, a compound of formula 1, and optically pure (S)-isomer of compound of formula 4, wherein R<sup>1</sup> and R<sup>2</sup> both are methyl or R<sup>1</sup> is methyl and R<sup>2</sup> is benzyl or substituted benzyl group and process for preparation thereof. In another aspect the present invention provides a process for preparation of an acid addition salt of compound of formula 1.

**Formula 1****Formula 4**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.848/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :14/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMPROVED PROCESS FOR NITRATION OF PHENOL AND SUBSTITUTED PHENOLS USING PHASE TRANSFER CATALYST UNDER SONICATION

|                                               |             |                                                                        |
|-----------------------------------------------|-------------|------------------------------------------------------------------------|
| (51) International classification             | :C07C201/08 | (71) <b>Name of Applicant :</b>                                        |
| (31) Priority Document No                     | :NA         | <b>1)BHALCHANDRA MAHADEO BHANAGE</b>                                   |
| (32) Priority Date                            | :NA         | Address of Applicant :Department of Chemistry, University Institute of |
| (33) Name of priority country                 | :NA         | Chemical Technology, Nathalal Parekh Marg, Matunga (E) Mumbai          |
| (86) International Application No             | :NA         | 400019 Maharashtra India                                               |
| Filing Date                                   | :NA         | (72) <b>Name of Inventor :</b>                                         |
| (87) International Publication No             | : NA        | <b>1)BHALCHANDRA MAHADEO BHANAGE</b>                                   |
| (61) Patent of Addition to Application Number | :NA         | <b>2)NITIN SUBHASH NANDURKAR</b>                                       |
| Filing Date                                   | :NA         | <b>3)MAYUR JAGDISH BHANUSHALI</b>                                      |
| (62) Divisional to Application Number         | :NA         | <b>4)SACHIN RAMESH JAGTAP</b>                                          |
| Filing Date                                   | :NA         |                                                                        |

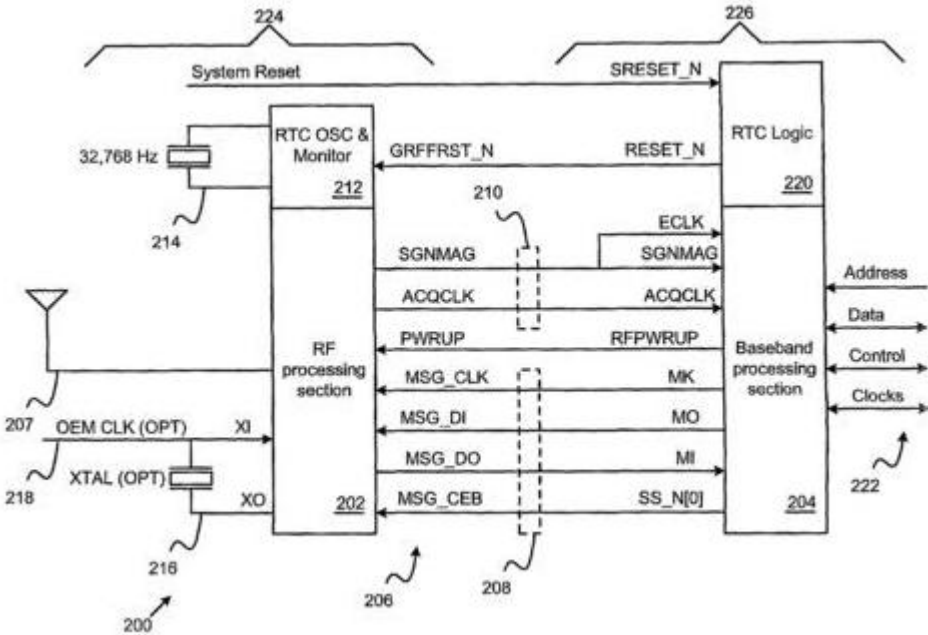
(57) Abstract :

The present invention relates to an improved process in which phenols and substituted phenols are selectively nitrated in high yield along with rate enhancement to o-nitro phenol using dilute nitric acid(4-12wt%)/tetra alkyl ammonium halide(TAAH)under sonication.The selectivity can be reversed to p-nitro phenol by using NaBr as a catalyst instead of TAAH under sonication.The reaction takes place at ambient conditions under sonication with a significant enhancement in reaction rate.

(54) Title of the invention : SERIAL RADIO FREQUENCY TO BASEBAND INTERFACE WITH POWER CONTROL

|                                                      |  |                                                                      |
|------------------------------------------------------|--|----------------------------------------------------------------------|
| (51) International classification :H04B10/12         |  | (71) <b>Name of Applicant :</b>                                      |
| (31) Priority Document No :10/632,051                |  | <b>1)SIRF TECHNOLOGY, INC.</b>                                       |
| (32) Priority Date :30/07/2003                       |  | Address of Applicant :148 E. Brokaw Road, San Jose, CA 95112, U.S.A. |
| (33) Name of priority country :U.S.A.                |  | (72) <b>Name of Inventor :</b>                                       |
| (86) International Application No :PCT/US2004/024100 |  | <b>1)TSO, ROBERT</b>                                                 |
| Filing Date :27/07/2004                              |  | <b>2)GRONEMEYER, STEVE</b>                                           |
| (87) International Publication No :WO2005/011160A2   |  |                                                                      |
| (61) Patent of Addition to Application Number :NA    |  |                                                                      |
| Filing Date :NA                                      |  |                                                                      |
| (62) Divisional to Application Number :NA            |  |                                                                      |
| Filing Date :NA                                      |  |                                                                      |

(57) Abstract :  
An interface between an RF processing section and a baseband processing section supports general purpose message transmission as well as satellite positioning system signal sample transmission between the RF processing section and the baseband processing section. The interface includes a bi-directional message interface and a data interface. The message interface supports transmission of power control messages to the RF processing section to provide detailed control over activation or de-activation of individual blocks of hardware circuitry in the RF processing section.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.853/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :15/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF (S)-N-[[3-(3-FLUORO-4-(4-MORPHOLINYL)PHENYL]-OXO-5-OXAZOLIDINYLMETHYL] ACETAMIDE

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :C07C271/00 | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :NA         | <b>1)GLENMARK PHARMACEUTICALS LIMITED</b>                          |
| (32) Priority Date                            | :NA         | Address of Applicant :B/2,Mahalaxmi 'Chambers, 22, Bhulabhai Desai |
| (33) Name of priority country                 | :NA         | Road, Post Box No.26511, Mumbai-400 026, Maharashtra India         |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA         | <b>1)BOBBA VENKATA SIVA KUMAR</b>                                  |
| (87) International Publication No             | : NA        | <b>2)PRAVIN BHALCHANDRA KULKARNI</b>                               |
| (61) Patent of Addition to Application Number | :NA         | <b>3)GIRISH BANSILAL PATEL</b>                                     |
| Filing Date                                   | :NA         | <b>4)NITIN SHARAD CHANDRA PRADHAN</b>                              |
| (62) Divisional to Application Number         | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |

(57) Abstract :

A process is provided comprising (a) providing a solution of linezolid in organic solvent having a boiling point of less than about 150°C; (b) addition of an anti solvent having boiling point more than 50°C and recovering linezolid.

(54) Title of the invention : APPARATUS, METHOD, AND ARTICLE OF MANUFACTURE FOR VISUALIZING IN A COMPUTE ENVIRONMENT

(51) International classification :G06F15/173  
 (31) Priority Document No :60/439,696  
 (32) Priority Date :13/01/2003  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2004/000784  
 Filing Date :13/01/2004  
 (87) International Publication No :WO2004/063905A3  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)INNOVATIVE SYSTEM DESIGN INC.**  
 Address of Applicant :130 CAMPUS DRIVE, EDISON , NJ 08837  
 U.S.A.  
 (72)**Name of Inventor :**  
**1)LORELEI WAGNER**  
**2)DAVID NOCERA**

(57) Abstract :

There is provided herein an exemplary technique utilizing at least one application status icon for visualizing the status of important metrics of, e.g., one or more applications running within a compute infrastructure. In an exemplary embodiment, the application status icon is located on a device display, preferably as part of a graphical user interface icon tray, such as Microsoft ® Windows ® system tray. To generate the appropriate color of the application status icon, several predefined test or database queries are executed to determine the status of a desired application. Thereafter, the determined status is compared to a plurality of threshold conditions, which determine the state of a given status metric and contribute to the overall color of the application status icon, preferably located on the display device. Thus, a user or manager need not run an application to check its status. Instead, the manager need only view the color of the application status icon on the display device to determine the overall health of a plurality of underlying metrics, which contribute to the creation of the application status icon's color.

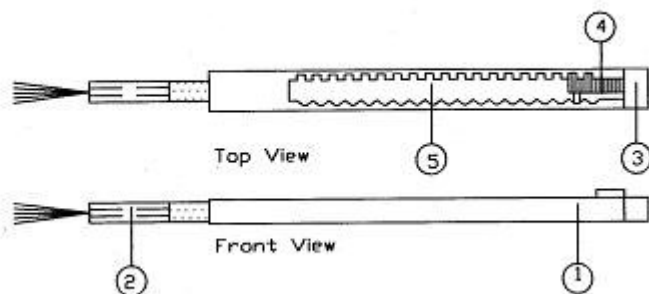
| Time | System Tray                                                                         | State      |
|------|-------------------------------------------------------------------------------------|------------|
| 1    |  | State Bad  |
| 2    |  | State Bad  |
| 3    |  | State Bad  |
| 4    |  | State Good |

(54) Title of the invention : A NOVEL COMBINATION CONSTRUCTION OF PASTETUBE & BRUSH SO AS TO FORM A SINGLE ENTITY & THE LIKE

|                                               |                       |                                                                                                                                                                         |
|-----------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A46B1/00<br>A46B5/00 | (71)Name of Applicant :<br><b>1)NARENDRA SUDHAKAR SHINDE</b><br>Address of Applicant :Flat No. 206, "Devadatta", 45/4, Karvenagar,<br>Pune - 411 052. Maharashtra India |
| (31) Priority Document No                     | :NA                   | (72)Name of Inventor :<br><b>1)NARENDRA SUDHAKAR SHINDE</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 invention consists of a novel combination construction (s) of the Pastetube & Brush, of plastics e.g. Polypropelene & the like material/s, in any conceivable size & shape, conical, cylindrical, squarish & or any combination/s thereof, where the combination unit is formed by parts like holder, brush,lock,slider & pastetube. The pasttube is fitted into the cavity of the holder. The slider is inserted into the cavity of the holder after fitting the pastetube so that the tip rests on the sealed end of the pastetube. This end is sealed by putting a lock. The brush is fitted at the other end of the holder so as to form a single unit. During usage, first the brush is taken out, then by moving the slider forward; the paste is taken out on the brush. The brush is again fitted on the holder so as to form a single unit again. Now, combination can be used as brush and after usage, the brush can be cleaned by water for further use. And this novel combination construction of Pastetube & Brush includes all other applications, machines, apparatus, equipments & the like as described in Patent Application / Specifications with reference to the accompanying drawing/s.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.872/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :13/08/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : FEED REGULATORY BOOT ASSEMBLY

|                                               |            |                                                                                                                                                                                         |
|-----------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B62D65/00 | (71) <b>Name of Applicant :</b><br><b>1)GARWARE HARISH RAJARAM</b><br>Address of Applicant :C/O 254, DATTASUDHA, ROAD NO. 5,<br>SINDH SOCIETY, AUNDH, 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        | (72) <b>Name of Inventor :</b><br><b>1)GARWARE HARISH RAJARAM</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 feed regulatory boot assembly comprising of a outer boot and inner boot; said inner boot removably placed inside the said outer boot; trolley outlet tube engaged to the said inner boot by means of two rods placed along the length of the said inner boot capable of traveling between the two ends of the inner boot; opening is being provided to the said inner boot to deliver the feed coming from the said trolley outlet tube, side flap is provided at one end of the outer boot to maintain the level of the feed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.878/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A SYSTEM, METHOD, AND A CONSTITUTIONAL INFRASTRUCTURE TO CONSTITUTE KNOWLEDGE SHARING AND KNOWLEDGE AVAILABILITY MECHANISM VIA UNIVERSAL HUMAN SERVICE FRAMEWORK (UHSF) FORMING SYSTEM FOR HUMAN GRID DEVELOPMENT CONNECTING BRAINS TO EQUALLY LIKE BRAINS FOR KNOWLEDGE SHARING IN THE PLURALITY OF MODES COMPRISING HUMAN SERVICENET MESSANGER (HSNM) & HUMAN SERVICENET EXPLORER (HSNE), HUMANSERVICENET EMAIL SERVICE, HUMAN SERVICENET ONLINE PORTAL.

(51) International classification

:G06F17/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)RATHOD YOGESH CHUNILAL**

Address of Applicant :1302/A, Mahavir Residency, L.B.S.Marg, Near  
Balrajeshwar Mandir, Mulund (West), Mumbai 400 080, Maharashtra India

(72)Name of Inventor :

**1)RATHOD YOGESH CHUNILAL**

(57) Abstract :

A system for transmission, reception and accumulation of the knowledge packets to plurality of channel nodes in the network operating distributedly in a peer to peer environment via installable one or more role active Human Operating System (HOS) applications in a digital devise of each of channel node, a network controller registering and providing desired HOS applications and multiple developers developing advance communication and knowledge management applications and each of subscribers exploiting the said network resources by leveraging and augmenting taxonomically and ontologically classified knowledge classes expressed via plurality of search macros and UKID structure facilitating said expert human agents for knowledge invocation and support services and service providers providing information services in the preidentical taxonomical classess, wherein each of channel nodes communicating with the unknown via domain specific supernodes each facilitating social networking and relationships development leading to human grid which is searchable via Universal Desktop Search by black box search unit.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.882/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :25/07/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCEDURE AND EQUIPMENT FOR AVOIDING PARALLEL WINDINGS

|                                               |                 |                                                          |
|-----------------------------------------------|-----------------|----------------------------------------------------------|
| (51) International classification             | :D01H4/00       | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :102004036857.0 | <b>1)MASCHINENFABRIK RIETER AG</b>                       |
| (32) Priority Date                            | :29/07/2004     | Address of Applicant :KLOSTERSTRASSE 20, 8406 WINTERTHUR |
| (33) Name of priority country                 | :Germany        | Switzerland                                              |
| (86) International Application No             | :NA             | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :NA             | <b>1)ROMEO POHN</b>                                      |
| (87) International Publication No             | : NA            | <b>2)SEBASTIAN BRANDL</b>                                |
| (61) Patent of Addition to Application Number | :NA             | <b>3)ADALBERT STEPHAN</b>                                |
| Filing Date                                   | :NA             | <b>4)HARALD WIDNER</b>                                   |
| (62) Divisional to Application Number         | :NA             | <b>5)FRANK BAIER</b>                                     |
| Filing Date                                   | :NA             |                                                          |

(57) Abstract :

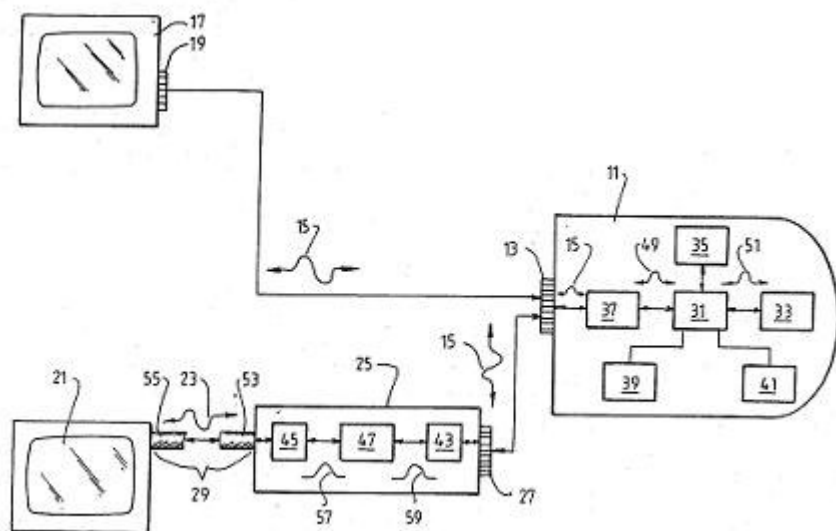
The invention relates to a procedure for avoiding parallel windings at a spinning machine, especially at an open end spinning machine, in which a produced thread (13) is wound on a spool (17). The invention based procedure is characterized by the fact the thread (13) is changed even when it is guided outside of the thread run (14) foreseen for the continuous operation.

(54) Title of the invention : A PORTABLE STORAGE DEVICE FOR RECORDING AND PLAYING BACK DATA

|                                               |                     |                                                                    |
|-----------------------------------------------|---------------------|--------------------------------------------------------------------|
| (51) International classification             | :H04N5/781,G11B7/00 | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :2004003588         | <b>1)TREK 2000 INTERNATIONAL LTD.</b>                              |
| (32) Priority Date                            | :16/01/2004         | Address of Applicant :30 Loyang way #07-13/14/15 Loyang industrial |
| (33) Name of priority country                 | :Singapore          | Estate, singapore 508769 Singapore                                 |
| (86) International Application No             | :PCT/SG2004/000141  | (72)Name of Inventor :                                             |
| Filing Date                                   | :20/05/2004         | <b>1)TAN HENRY</b>                                                 |
| (87) International Publication No             | :WO2005/069614A1    | <b>2)POO Teng Pin</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 device for recording and playing back audio/video signals. A portable storage device (11) has mounted thereon a portable storage device connector (13) of a first type adapted to transfer audio/video signals of a first type (15). A first audio/video system (17) has a first audio/video system connector (19) of the first type for directly connecting to the portable storage device connector (13) to exchange audio/video signals of the first type (15) between the portable storage device (11) and the first audio/video system (17) to record and playback audio/video signals of the first type (15). A second audio/video system (21) receives audio/signals of a second type (23). An interface section (25) has an interface section connector (27) of the first type for directly connecting to the portable storage device (11). The interface section (25) converts between the audio/video signals of the first (15) and second type (23), and exchanges the signals of the first and second type between the first audio/video system (17) and the second audio/video system (21) through the interface section connector (13) of the first type and a signal connection (29) between the interface section (25) and the second audio/video system (21).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.897/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :03/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A UNIQUE METHOD FOR DENTAL IMPLANT SYSTEM

|                                               |           |                                                        |
|-----------------------------------------------|-----------|--------------------------------------------------------|
| (51) International classification             | :A61C8/00 | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :NA       | <b>1)KELKAR SUCHIT RAVINDRA</b>                        |
| (32) Priority Date                            | :NA       | Address of Applicant :434 SHANIWAR PETH YASHODEEP APTS |
| (33) Name of priority country                 | :NA       | SHOP NO. 5, PUNE 411 030, Maharashtra India            |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                         |
| Filing Date                                   | :NA       | <b>1)KELKAR SUCHIT RAVINDRA</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 novel implant and process for modification of surface characteristics comprising a cylindrical main body (10) with external threading (11) to be threadedly attached into the upper or lower jawbone (3) having a self-tapping screw at the apical end (12) and a polished protruding portion at the supracrestal end (13) consisting of a neck portion (14) having a diameter greater than the main threaded cylindrical body and a portion with anti-rotational feature (15); an internally threaded central opening (16) at the supracrestal end provided for engaging a single piece abutment (17) having complimentary morphology at its crestal end to engage the prosthesis (18).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9/MUM/2002 A

(19) INDIA

(22) Date of filing of Application :07/01/2002

(43) Publication Date : 29/06/2007

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF TRANS-3ETHYL-2 5-DIHYDRO-4-METHYL-N-[2-[[[(4METHYL CYCLOHEXYL) AMINO] CARBONYL] AMINO] SULFONYL] PHENYL] ETHYL]-2-OXO-1H-PYRROLE-1-CARBOXAMIDE

|                                               |             |                                                       |
|-----------------------------------------------|-------------|-------------------------------------------------------|
| (51) International classification             | :A61K31/645 | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :NA         | <b>1)SUN PHARMACEUTICAL INDUSTRIES LTD.</b>           |
| (32) Priority Date                            | :NA         | Address of Applicant :ACME PLAZA, ANDHERI-KURLA ROAD, |
| (33) Name of priority country                 | :NA         | ANDHERI(E), MUMBAI-400 059 Maharashtra India          |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :NA         | <b>1)SONI ROHIT RAVIKANT</b>                          |
| (87) International Publication No             | : NA        | <b>2) REHANI RAJEEV BUDHDEV</b>                       |
| (61) Patent of Addition to Application Number | :NA         | <b>3)THENNATI RAJAMAMANNAR</b>                        |
| Filing Date                                   | :NA         |                                                       |
| (62) Divisional to Application Number         | :NA         |                                                       |
| Filing Date                                   | :NA         |                                                       |

(57) Abstract :

The present invention provides a novel process for preparation of trans-3-ethyl 2,5-dihydro-4-methyl-N-[2-[4-[[[(4-methyl cyclohexyl)amino]carbonyl]amino]sulfonyl]phenyl]ethyl]-2-oxo-1H-pyrrole-1-carboxamide via the novel intermediate compounds of formula 3.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :05/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : INTRAVENOUS EMULSION COMPOSITIONS HAVING PRESERVATIVE EFFICACY

|                                               |            |                                                       |
|-----------------------------------------------|------------|-------------------------------------------------------|
| (51) International classification             | :A61K31/23 | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :NA        | <b>1)BHARAT SERUMS &amp; VACCINES LTD</b>             |
| (32) Priority Date                            | :NA        | Address of Applicant :ROAD NO.27,WAGLE ESTATE, THANE- |
| (33) Name of priority country                 | :NA        | 400604, Maharashtra India                             |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :NA        | <b>1)DAFTARY GAUTAM VINOD</b>                         |
| (87) International Publication No             | : NA       | <b>2)PAI SRIKANTH ANNAPPA</b>                         |
| (61) Patent of Addition to Application Number | :NA        | <b>3)SHANBHAG GIRISH NARASHIMA</b>                    |
| Filing Date                                   | :NA        |                                                       |
| (62) Divisional to Application Number         | :NA        |                                                       |
| Filing Date                                   | :NA        |                                                       |

(57) Abstract :

The invention discloses a stable intravenous Propofol oil-in-water emulsion composition having mixed preservatives of low toxicity that is capable of withstanding accidental contamination of bacteria and fungi. The preservative system employed comprising of monoglyceryl ester of lauric acid (Monolaurin) and a member selected from (a) capric acid and/or its soluble alkaline salts or its monoglyceryl ester (Monocaprin); (b) edetate; and (c) capric acid and/or its soluble alkaline salts or its monoglyceryl ester (Monocaprin) and edetate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.907/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :05/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING MINERALS RICH DRINKING WATER

|                                               |           |                                                             |
|-----------------------------------------------|-----------|-------------------------------------------------------------|
| (51) International classification             | :C02F1/68 | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :NA       | <b>1)SONI VASANT BHAVANJI</b>                               |
| (32) Priority Date                            | :NA       | Address of Applicant :B-1, Anjali Dr.S. Radhakrishnan Road, |
| (33) Name of priority country                 | :NA       | Andheri(East), Mumbai-400069, Maharashtra India             |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                              |
| Filing Date                                   | :NA       | <b>1)SONI VASANT BHAVANJI</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 fortification and purification of water low in minerals or desalinated water comprising the steps of (1) mixing calcium carbonate and magnesium carbonate with the said water at ambient temperature (2) slowly adding and reacting the same with dilute solution of hydrochloric acid or sulphuric acid optionally containing chromium chloride or chromium sulphate(3) adding solution of aluminum sulphate or aluminum chloride or ferric chloride or polyelectrolyte alone or in combination (4) allowing the insoluble matter to settle (5)decanting the clear water for further use as described. Beside Ca, Mg and Bicarbonate, the method is also capable to fortify the water with several other useful minerals in desired amounts. The method also offers simple means of separation of powdered activated carbon used for removal of pesticides and organic contaminants from water. The method also can be used for reducing calaium content from water which has excessive concentration of the same and replace with magnesium simultaneously. It is also possible to obtain, by use of this method, a fortified water with much higher chromium and/or zinc content then available in nature. The water fortified with desired amounts of useful macro and micro minerals by using the process described here offers a good alternative for preventing deficiency of minerals for preventive health care. Optionally the method also yilds concentrated solution of minerals useful for blending with water with low minerals or with desalinated water for getting desired mineral concentration after dilution.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.916/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :18/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : TREATMENT OF SINUSITIS RELATED CHRONIC FACIAL PAIN AND HEADACHE WITH BOTULINUM TOXIN

(51) International classification :A61K38/48

(31) Priority Document No :60/453,037

(32) Priority Date :06/03/2003

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

(86) International Application No :PCT/IB2004/000635

Filing Date :08/03/2004

(87) International Publication No :WO 2004/078201

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

**1)BOTULINUM TOXIN RESEARCH ASSCIATES, INC.**

Address of Applicant :1261 Furnace Brook Parkway, Quincy,  
Massachusetts 02169, U.S.A.

(72)**Name of Inventor :**

**1)BORODIC, GRAY, E.**

**2)ACQUADRO, MARTIN**

(57) Abstract :

The present invention provides methods for treating sinus-evoked headaches using botulinum toxin injected or applied in multiple subcutaneous locations over divisions of the trigeminal nerve in soft tissues and dermatomes overlying the corresponding effected sinuses implicated in the ethiology of the pain.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.922/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :09/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : BIOGAS GENERATION FROM NEEM SEEDS

|                                               |           |                                                       |
|-----------------------------------------------|-----------|-------------------------------------------------------|
| (51) International classification             | :B09B3/00 | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :NA       | <b>1)CHANDAK AJAY GIRDHARILAL</b>                     |
| (32) Priority Date                            | :NA       | Address of Applicant :SHAMGIRI AGRA ROAD DEOPUR DHULE |
| (33) Name of priority country                 | :NA       | 424 005 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             | :NA       |                                                       |
| (61) Patent of Addition to Application Number | :NA       |                                                       |
| Filing Date                                   | :NA       |                                                       |
| (62) Divisional to Application Number         | :NA       |                                                       |
| Filing Date                                   | :NA       |                                                       |

(57) Abstract :

Biogas generation from neem seeds comprises of a process of generating biogas from Neem seeds as a fuel in any design of biogas plants.



(54) Title of the invention : METHOD AND DEVICE FOR DEACTIVATING ITEMS AND FOR MAINTAINING SUCH ITEMS IN A DEACTIVATED STATE

|                                               |                    |                                                                |
|-----------------------------------------------|--------------------|----------------------------------------------------------------|
| (51) International classification             | :A61L2/18          | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :10/633,345        | <b>1)STERIS INC.</b>                                           |
| (32) Priority Date                            | :01/08/2003        | Address of Applicant : 43425 Business Park Drive, Temecula, CA |
| (33) Name of priority country                 | :U.S.A.            | 92590, U.S.A.                                                  |
| (86) International Application No             | :PCT/US2004/024256 | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :28/07/2004        | <b>1)SELIG, Victor</b>                                         |
| (87) International Publication No             | :WO2005/011749A2   | <b>2)LUDWIG, Karl, F.</b>                                      |
| (61) Patent of Addition to Application Number | :NA                | <b>3)KRAL, Jude, A.</b>                                        |
| Filing Date                                   | :NA                | <b>4)JETHROW, Christopher, A.</b>                              |
| (62) Divisional to Application Number         | :NA                | <b>5)HORACEK, Jeffrey</b>                                      |
| Filing Date                                   | :NA                | <b>6)SARGENT, Donald, A.</b>                                   |

(57) Abstract :

A method of microbially deactivating items and storing the same, comprising the steps of: a) placing items within a cavity in a sealable container having fluid access ports therein, the fluid access ports having a normally closed position and being moveable to an open position; b) placing the container having items to be microbially deactivated in the cavity into a reprocessor having a circulation system for circulating a microbial deactivation fluid during a deactivation cycle, wherein the fluid access ports in the container are moved to the open position by actuating means on the reprocessor to be in fluid communication with the circulation systems; c) circulating the microbial deactivation fluid through the cavity of the container; and d) removing the container from the reprocessor following a deactivation cycle, wherein removal of the container from the reprocessor causes the fluid access ports to assume the normally closed position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.931/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :10/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : INHERENTLY COLOURED POLYESTER POLYMERS, FIBERS AND FILAMENTS AND PROCESS FOR PRODUCING THEM

|                                               |                         |                                                                                                                                                                                                        |
|-----------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C08L63/10<br>C08L67/06 | (71) <b>Name of Applicant :</b><br><b>1)RELIANCE INDUSTRIES LTD</b><br>Address of Applicant :RELIANCE TECHNOLOGY CENTER B-4<br>MIDC INDUSTRIAL AREA PATALGANGA 410220 DIST RAIGAD<br>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)NADKARNI SANTOSH MADHUSUDAN</b>                                                                                                                                                                   |
| (87) International Publication No             | :NIL                    | <b>2)VENKATACHALAM SUBBIAH</b>                                                                                                                                                                         |
| (61) Patent of Addition to Application Number | :NA                     | <b>3)VAIDYA MILIND SATISH</b>                                                                                                                                                                          |
| Filing Date                                   | :NA                     | <b>4)PATIL KIRTI GAJANAN</b>                                                                                                                                                                           |
| (62) Divisional to Application Number         | :NA                     | <b>5)LABDE JAYPRAKASH VINAYAK</b>                                                                                                                                                                      |
| Filing Date                                   | :NA                     |                                                                                                                                                                                                        |

(57) Abstract :

Inherently coloured polyester polymers, fibers or filaments with controlled branching or even linear structures comprising chromophoric co-monomer in their backbone. Processes for preparing the above inherently coloured polyester polymers, fibers or filaments is also disclosed. Inherently coloured polyester of the invention is used in many forms or applications selected from fibres, filaments, woven and non-woven yarns, knitted or moulded articles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.932/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :10/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : MULTILOBAL FILAMENT FABRICS AND PROCESS FOR MAKING THE SAME

|                                               |                       |                                                                                                                                                                                                          |
|-----------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :D01F6/62<br>D01F6/60 | (71) <b>Name of Applicant :</b><br><b>1)RELIANCE INDUSTRIES LTD</b><br>Address of Applicant :RELIANCE TECHNOLOGY CENTRE B-4<br>MIDC INDUSTRIAL AREA, PATALGANGA 410220 DIST RAIGAD,<br>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)NADKARNI SANTOSH MADHUSUDAN</b>                                                                                                                                                                     |
| (87) International Publication No             | :NIL                  | <b>2)HUILGOL SANTOSH RAGHAVENDRA</b>                                                                                                                                                                     |
| (61) Patent of Addition to Application Number | :NA                   | <b>3)JHAVER MANOJ</b>                                                                                                                                                                                    |
| Filing Date                                   | :NA                   |                                                                                                                                                                                                          |
| (62) Divisional to Application Number         | :NA                   |                                                                                                                                                                                                          |
| Filing Date                                   | :NA                   |                                                                                                                                                                                                          |

(57) Abstract :

Method for producing multilobal bicomponent fiber or filaments comprising spinning at least two polymer components by bicomponent spinning system through round capillary to obtain fibers or filaments and treating fibers or filaments with hot alkali to obtain multilobal bicomponent fibers or filaments. Alternatively fabric is produced from the bicomponent fibers or filaments and treated it with hot alkali to obtain fabric comprising multilobal bicomponent fibers or filaments uniformly distributed in the matrix. The wicking property of multilobal bicomponent fibers or filaments or fabric comprising the same improved with respect to standard polyester of equivalent denier.

(54) Title of the invention : PROCESS FOR PRODUCING A SUB UNIT VACCINE AGAINST SALMONELLA FEVERS AND THE VACCINE PRODUCED THEREFROM

|                                               |                          |                                                                                                                                                                  |
|-----------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61P31/04<br>C07K14/255 | (71) <b>Name of Applicant :</b><br><b>1)CADILA HEALTHCARE LIMITED</b><br>Address of Applicant :Zydus Tower, Satelite Cross Road, Ahmedabad-380015, 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)SINHA AMARES</b>                                                                                                                                            |
| (87) International Publication No             | : NA                     | <b>2)PATEL, P.R.</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 producing a sub unit vaccine against Salmonella fevers, typhoid and paratyphoid fevers. The process comprises a) fermenting in a semi synthetic liquid medium a highly virulent strain of Salmonella at a temperature between 36°C and 37°C, for a period that is a function of the amount of the inoculum. b) separating the bacterial residue from said fermented strain by centrifuging at moderately high speed. c) precipitating the vaccinating Vi-polysaccharide by in the presence of a precipitating solute of the kind such as herein described.. d) decanting by moderately high centrifuging for purification and dissolving in pyrogen free water and further precipitating with ethanol; e) decanting by moderately high centrifuging for purification and dissolving in pyrogen free water and further precipitating with cold phenol. f) precipitating the vaccinating Vi-antigen by ethanol, and dissolving the precipitation the physiological saline.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.943/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :12/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A METHOD OF DETRITYLATION OF N-TRITYLATED TETRAZOLYL DERIVATIVES

(51) International classification

:C07D403/00  
C07D403/10

(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  
ROADS, AHMEDABAD-380 015, Maharashtra India

(72)Name of Inventor :

**1)RUPAPARA, MAHESH L.**

**2)PATEL, DHIMANT J.**

**3)KUMAR,RAJIV**

**4)AGRAWAL, VIRENDRAKUMAR**

(57) Abstract :

This invention relates to a new process for detritylation of triphenylmethane protecting group from l-triphenylmethyl-5- (4'substituted aminomethyl-l, l'-biphenyl-2-yl)-lH-tetrazoles of general formula (I) which is industrially scalable and economically viable.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.947/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :01/09/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : compounds compositions formulations and process for preparation thereof and method of treatment and managment of acidity and related disorders

|                                               |            |                                                            |
|-----------------------------------------------|------------|------------------------------------------------------------|
| (51) International classification             | :A01N43/00 | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :NA        | <b>1)CHITRA VASANT SAVANGIKAR</b>                          |
| (32) Priority Date                            | :NA        | Address of Applicant :74/F, VENUS WORLI SEA FACE, MUMBAI - |
| (33) Name of priority country                 | :NA        | 400 018, Maharashtra India                                 |
| (86) International Application No             | :NA        | <b>2)VASANT ANANTRAO SAVANGIKAR</b>                        |
| Filing Date                                   | :NA        | (72) <b>Name of Inventor :</b>                             |
| (87) International Publication No             | : NA       | <b>1)CHITRA VASANT SAVANGIKAR</b>                          |
| (61) Patent of Addition to Application Number | :NA        | <b>2)VASANT ANANTRAO SAVANGIKAR</b>                        |
| Filing Date                                   | :NA        |                                                            |
| (62) Divisional to Application Number         | :NA        |                                                            |
| Filing Date                                   | :NA        |                                                            |

(57) Abstract :

Novel antacid preparations, methods of preparation of the same and a method of treating acidity related disorders using the said novel antacid composition are described. The antacid composition of this invention are based on use of proteins and their derivatives including their hydrolysates and enzymatic treatment products such as plasteins and their alkaline derivatives for actual acid neutralizing capacity or for discomfort relief or both. Alkaline derivatives having pH above 6.5 of proteins, protein hydrolysates, amino acid, amino acid mixtures and salts of amino acids are novel products.

(54) Title of the invention : A DEVICE FOR REMOVING ELECTROSTATIC CHARGES ON AN OBJECT USING SOFT X-RAY

(51) International classification :H05F3/06  
 (31) Priority Document No :10-2003-0056410  
 (32) Priority Date :14/08/2003  
 (33) Name of priority country :Republic of Korea  
 (86) International Application No :PCT/KR2003/002046  
 Filing Date :02/10/2003  
 (87) International Publication No :WO2005/018287A1  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)SUNJE HITEK CO., LTD.**

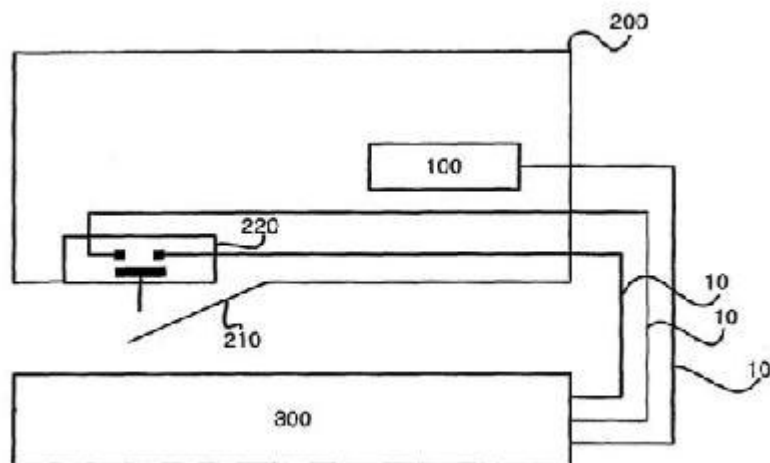
Address of Applicant :700-18 Mora-dong, Sasang-gu, Pusan 617-080, Republic of Korea

(72)Name of Inventor :

**1)LEE, Dong-Hoon**

(57) Abstract :

A remover of electrostatic charges comprises a head part, a soft X-ray protecting part, and a power controlling part. The head part neutralizes and weakens electrostatic charges of bodies that are objects of removal of electrostatic charges by generating soft X-ray having wavelengths in the range of  $1.2\text{\AA} \sim 1.5\text{\AA}$  with high energy from a soft X-ray tube, and ionizes gas molecules directly and also removes electrostatic charges in atmosphere of inert gases ( $\text{N}_2$ , Ar). The soft X-ray protecting part wraps the head part and prevents that soft X-ray is leaked from said head part. The power controlling part is connected to the head part and the soft X-ray protecting part electrically and provides target voltage to control the ion generation of filament voltage of a soft X-ray tube and soft X-ray tube with the soft X-ray tube.

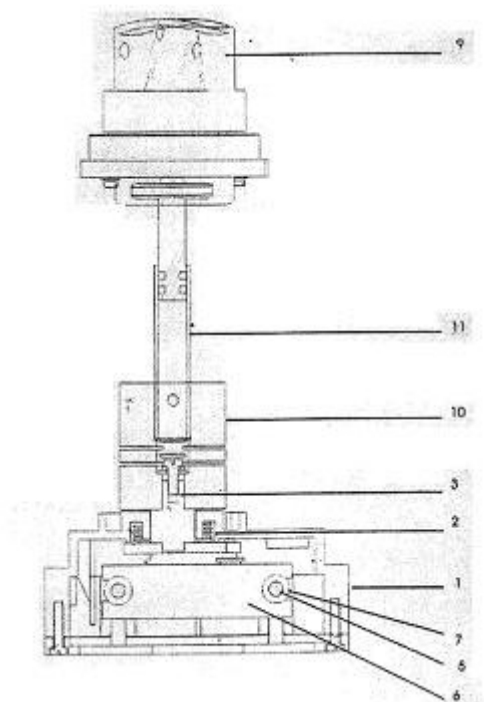


(54) Title of the invention : A ROTARY OPERATING SWITCHING DEVICE

|                                               |           |                                                           |
|-----------------------------------------------|-----------|-----------------------------------------------------------|
| (51) International classification             | :H01H3/00 | (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, BELLARD ESTATE, MUMBAI |
| (33) Name of priority country                 | :NA       | - 400 001, Maharashtra India                              |
| (86) International Application No             | :NA       | (72)Name of Inventor :                                    |
| Filing Date                                   | :NA       | <b>1)SHUBHO SANYAL</b>                                    |
| (87) International Publication No             | : NA      | <b>2)CHANDRAKANT ANKUSH PATIL</b>                         |
| (61) Patent of Addition to Application Number | :NA       | <b>3)SUSHIL MADHAV KAVATHEKAR</b>                         |
| Filing Date                                   | :NA       |                                                           |
| (62) Divisional to Application Number         | :NA       |                                                           |
| Filing Date                                   | :NA       |                                                           |

(57) Abstract :

A switching device adapted to convert rotational motion to linear toggle motion of operating knob and toggle motion of the operating knob to rotary motion of the knob transmitting predetermined magnitude of force to the knob, said device comprises housing (1), rotating component (3) accommodated in housing (1) wherein said rotating component (3) being ergonomically profiled in a predetermined manner and operatively connected with a spring means (2) such that the rotating component (3) is in a state or predetermined potential, means (6) for linear motion of operating knob operatively connected with rotating component (3) and housing (1) in a manner that frictional force is minimized providing leverage to operating knob and guide means (7, 5) disposed in said means (6) for linear motion in a manner to provide smooth motion in predetermined degrees of freedom.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A FORMULATION CONTAINING OMEGA-3 FATTY ACIDSB AND A PROCESS FOR MAKING SUCH A FORMULATION

|                                               |                                      |                                                                                                                                                                         |
|-----------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/202<br>A61K35/60<br>A61P9/10 | (71) <b>Name of Applicant :</b><br><b>1)JOSHI KALPANA SHRIKANT</b><br>Address of Applicant :57,Shriraj,Nataraj Society, Karve Nagar, Pune<br>411 052, Maharashtra India |
| (31) Priority Document No                     | :NA                                  | (72) <b>Name of Inventor :</b>                                                                                                                                          |
| (32) Priority Date                            | :NA                                  | <b>1)JOSHI KALPANA SHRIKANT</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 oil in water emulsion formulation containing flax seed oil for the treatment of ADHD in children and a process for making it.

(54) Title of the invention : METHOD FOR SELECTION OF A STRATEGY FOR RE-ROUTING OF CIRCUITS IN A COMMUNICATION NETWORK AND NETWORK WITH SAID METHOD

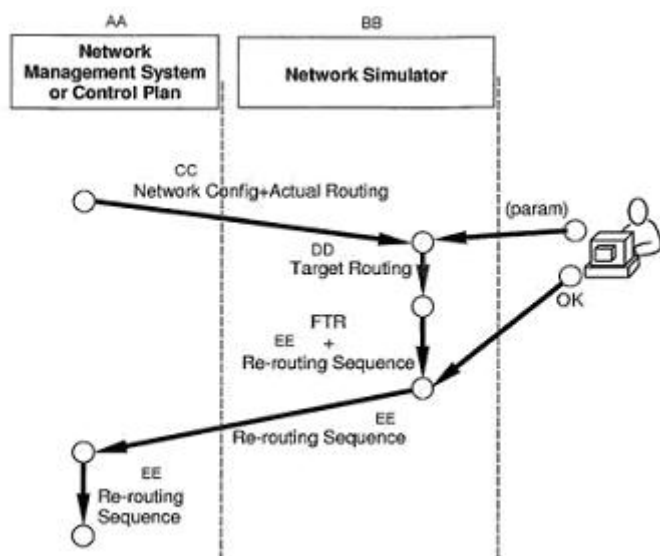
|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L12/56         |
| (31) Priority Document No                     | :MI2004A000052     |
| (32) Priority Date                            | :16/01/2004        |
| (33) Name of priority country                 | :Italy             |
| (86) International Application No             | :PCT/EP2005/050089 |
| Filing Date                                   | :11/01/2005        |
| (87) International Publication No             | :WO2005/069555A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)M COMMUNICATION SPA**  
 Address of Applicant :Via Lodovico Calda, 1-5-16153 Genova Italy

(72)**Name of Inventor :**  
**1)FIASCHI,Giovanni**  
**2)LAZZERI,Francesco**  
**3)SESSAREGO,Piergiorgio**

(57) Abstract :

A method is described for identification in a communication network of a sequence of circuit movement steps therein to change with the movement of a single circuit at a time from an initial routing in which are satisfied a certain number of service demands to a feasible target routing that satisfies the same service demands with better utilization of the network resources and that is identified as the one which best approximates or identifies a new predetermined desired target routing. In accordance with the method the steps are made of calculating for each demand still to be processed a replacement circuit reducing the cost difference with the circuit that satisfies the same demand in the desired target routing, choosing from among all the calculated replacement circuits the one having less cost and replacing it, marking the corresponding demand as processed, and repeating the steps from the beginning until all the demands have been processed. Then the sequence with which the circuits were replaced is used as a sequence of steps in moving of circuits for re-routing the network.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.962/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :17/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : PREFORM WITH A GATE HAVING WINGS

|                                               |            |                                                          |
|-----------------------------------------------|------------|----------------------------------------------------------|
| (51) International classification             | :B29B11/06 | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :NA        | <b>1)BOTTLE-TOP DEVELOPMENT CO</b>                       |
| (32) Priority Date                            | :NA        | Address of Applicant :NO.11, NANGANG 3RD RD. NANTOU CITY |
| (33) Name of priority country                 | :NA        | NANTOU COUNTRY 540, Taiwan                               |
| (86) International Application No             | :NA        | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :NA        | <b>1)LIN CHIEN-HUNG</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 preform includes an open end and a close end. A gate extends from an outside of the close end and a plurality of wings extend from the close end and are connected to the gate. The wings increase area for dispensing heat therefrom and each wing has a curve profile which allows the gate to be easily disengaged from the mold.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.964/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :18/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A UNIQUE METHOD FOR TESTING/CHECKING THE PRESENCE OF NODULAR CHROME

(51) International classification

:C22C37/04  
C22C37/06

(31) Priority Document 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)GABRIEL INDIA LIMITED**

Address of Applicant :29th Milestone, Pune-Nashik Highway,  
Village:Kuruli, Tal:Khed, Pune-410501, Maharashtra India

(72)Name of Inventor :

**1)ABHANGE RAJENDRA GOPALRAO**

**2)WAGH DEELIP DHUDAKU**

**3)NANAL SHRIDHAR**

(57) Abstract :

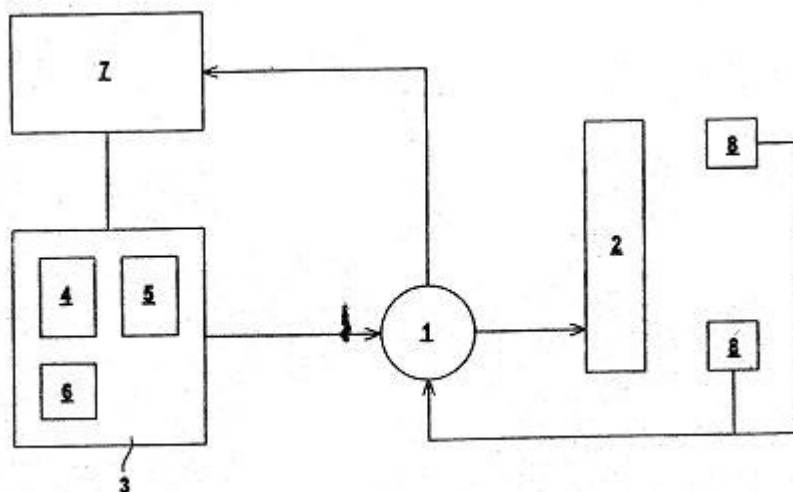
A unique method for testing/checking the presence of nodular chrome on hard chromium plated precision cylindrical rod using setup comprising of, an image sensor (1) for converting the image into digital form, illumination flash (2) for illuminating the object, camera Processor (3) with electrical input/output, interface control panel (4) for amplifying the signal, computer (5) for programming and displaying image, machine hardware/software (6) for processing the signal, fixture/holding (7) for cylindrical work piece to ensure proper positioning and stability. The method comprising of the cylindrical work piece (8) is clamped in the fixture (7). Interface panel (4) gets clamp signal from the machine hardware (6) and gives command to camera processor (3) to actuate camera (1) and flash (2). Actual picture is taken by said camera (1) with said light flash (2) and the image is transferred to processor (3). The processor (3) analyses the image and sends signal to the interface panel (4) as well as to the computer (5) to display the image, number of fringe counts on the monitor. The interface panel (4) amplifies the signal and informs the machine hardware (6) to react according to the result of image. The machine hardware (6) acts whether to clamp/declamp fixture (7) according to the instruction received from the interface panel (4). The measurement of nodular chrome presence is done with the processing of image captured by the camera (1). The captured image is seen as a cluster of fringes because of light reflection. The count of fringes over a specified length is clear indicator of extent of presence of nodular chrome. High count of fringes means less nodular chrome, zero count means high presence of nodular chrome. The measurement is being converted into electrical output and is integrated for online measurement.

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING AN ELECTRIC DOOR/GATE DRIVE

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :G05B19/23         | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :10310480.1        | <b>1)SOMMER ANTRIEBS-UND FUNKTECHNIK GMBH</b>           |
| (32) Priority Date                            | :11/03/2003        | Address of Applicant :HANS-BOCKLER-STRASSE 21-27, 73230 |
| (33) Name of priority country                 | :Germany           | KIRCHHEIM, Germany                                      |
| (86) International Application No             | :PCT/EP2004/001649 | (72)Name of Inventor :                                  |
| Filing Date                                   | :20/02/2004        | <b>1)SOMMER FRANK</b>                                   |
| (87) International Publication No             | :WO2004/081681A1   |                                                         |
| (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 controlling an electric door drive. During a learning process determination of the course over time of the torques of the door drive for each of at least one opening process and closing process is carried out. Maximum permissible torques are derived from the ascertained torques for predetermined zones within an opening process and closing process. During operation of the door drive a comparison of the current torque with the maximum torques and a comparison of the current speeds of the door drive with predetermined target speeds are carried out. The current speed of the door drive is increased if the associated target speed is fallen below. In addition, switching-off the door drive takes place if the current torque exceeds the associated maximum torque.

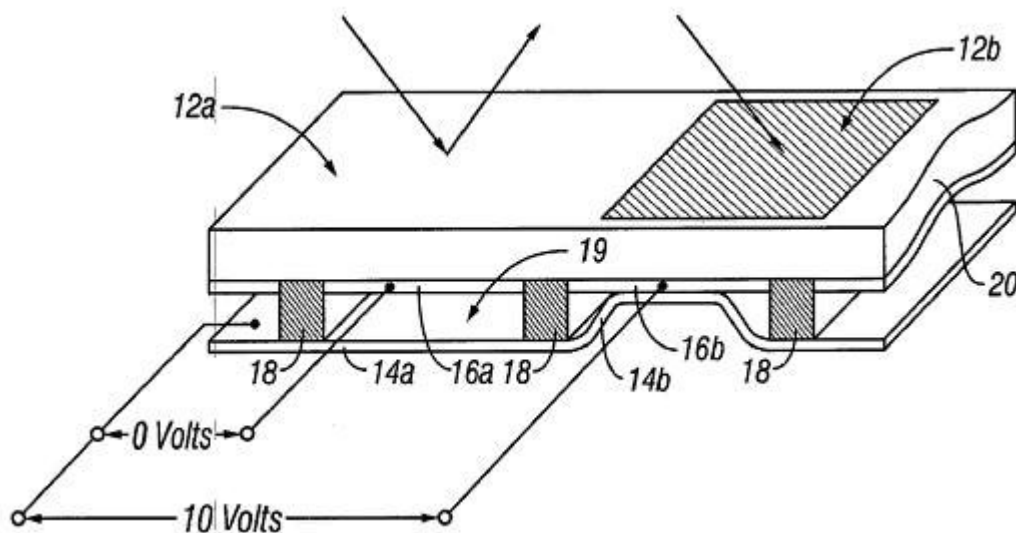


(54) Title of the invention : SYSTEM AND METHOD FOR DRIVING A BI-STABLE DISPLAY ELEMENT

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :G02F1/21   | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :60/613,418 | <b>1)IDC ,LLC</b>                                       |
| (32) Priority Date                            | :27/09/2004 | Address of Applicant :2415,THIRD STREET, SAN FRANCISCO, |
| (33) Name of priority country                 | :U.S.A.     | CALIFORNIA-94107, U.S.A.                                |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                  |
| Filing Date                                   | :NA         | <b>1)KAREN TYGER</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 :

Due to the bi-stable nature of interferometric modulator elements, the state of each modulator element may be held at either an actuated or a released state with a common voltage difference. Because modulator elements often require less time to change states than is allotted in a line time, power drawn by an array of modulator elements may be reduced by disabling one or both of a row and column voltage boost module, which are configured to amplify an input power source to a level that is suitable for driving modulator elements. If the column voltage is removed during the latter portion of a line time, for example, the row voltage is set to a level that is sufficient to maintain a voltage difference between the row voltage and the floating column voltage within a stability voltage range during the remainder of the line time.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.979/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :19/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SOLID AMORPHOUS ESOMEPRAZOLE BASE

|                                               |             |                                                        |
|-----------------------------------------------|-------------|--------------------------------------------------------|
| (51) International classification             | :C07D401/02 | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :NA         | <b>1)GLENMARK PHARMACEUTICALS LIMITED</b>              |
| (32) Priority Date                            | :NA         | Address of Applicant :B/2, MAHALAXMI CHAMBERS, 22,     |
| (33) Name of priority country                 | :NA         | BHULABHAI DESAI ROAD, POST BOX NO.26511 MUMBAI 400026, |
| (86) International Application No             | :NA         | Maharashtra India                                      |
| Filing Date                                   | :NA         | (72) <b>Name of Inventor :</b>                         |
| (87) International Publication No             | : NA        | <b>1)BOBBA VENKATA SIVA KUMAR</b>                      |
| (61) Patent of Addition to Application Number | :NA         | <b>2)PRAVIN BHALCHANDRA KULKARNI</b>                   |
| Filing Date                                   | :NA         | <b>3)ANIL GANPAT SURYAWANSHI</b>                       |
| (62) Divisional to Application Number         | :NA         | <b>4)CHANGDEV NAMDEV RAUT</b>                          |
| Filing Date                                   | :NA         | <b>5)NITIN SHARAD CHANDRA PRADHAN</b>                  |

(57) Abstract :

A method for the preparation of amorphous esomeprazole in neutral form as well as composition, pharmaceutical compositions, and methods utilizing the amorphous form are described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.984/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : LIFT UNIT FOR CONVERSION OF A SWAMPBOAT TO A HOVERCRAFT

|                                               |           |                                                      |
|-----------------------------------------------|-----------|------------------------------------------------------|
| (51) International classification             | :B63B3/00 | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :NA       | <b>1)VIVEK UMESH MUNDKUR</b>                         |
| (32) Priority Date                            | :NA       | Address of Applicant :1, ANUPAM APARTMENTS, BAVDHAN, |
| (33) Name of priority country                 | :NA       | PUNE-411 021, Maharashtra India                      |
| (86) International Application No             | :NA       | (72) <b>Name of Inventor :</b>                       |
| Filing Date                                   | :NA       | <b>1)VIVEK UMESH MUNDKUR</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 reversible method of converting a swamp boat to a hovercraft is disclosed. the method uses a Lift that attaches to a modified swamp boat and enables conversion of its configuration to the capabilities of a hovercraft. Also disclosed is a modified swamp boat with increased stability and with appendages incorporated that enable the attachment and detachment of the Lift Unit, allowing inter-convertibility of the craft from swamp boat to hovercraft and from hovercraft to swamp boat.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.985/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :13/09/2004

(43) Publication Date : 29/06/2007

(54) Title of the invention : SYSTEM DISPLAY APPARATUS & STORING MEDIUM

|                                               |             |                                                    |
|-----------------------------------------------|-------------|----------------------------------------------------|
| (51) International classification             | :H02J13/00  | (71) <b>Name of Applicant :</b>                    |
| (31) Priority Document No                     | :P11-174135 | <b>1)KABUSHIKI KAISHA TOSHIBA</b>                  |
| (32) Priority Date                            | :21/06/1999 | Address of Applicant :72, HORIKAWA-CHO, SAIWAI-KU, |
| (33) Name of priority country                 | :Japan      | KAWASAKI-SHI, KIANAGAWA-KEN, Japan                 |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                     |
| Filing Date                                   | :NA         | <b>1)MAKIKO SHIOTA</b>                             |
| (87) International Publication No             | : NA        | <b>2)YUKO TOHYAMA</b>                              |
| (61) Patent of Addition to Application Number | :NA         | <b>3)HIROYUKI YABE</b>                             |
| Filing Date                                   | :NA         | <b>4)MASASHI HAYAMIZU</b>                          |
| (62) Divisional to Application Number         | :NA         | <b>5)YASUO OKUDA</b>                               |
| Filing Date                                   | :NA         |                                                    |

(57) Abstract :

A system display apparatus detects a display scale by which a distribution line system diagram fits in a display range from the relationship between coordinates of four points of a rectangle in which a distribution line system to be displayed falls and the display range of the screen, and displays the distribution line system to be displayed with an adequate size on a display section.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.989/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : POLYESTER RESIN HAVING IMPROVED FRICTIONAL PROPERTIES

|                                               |            |                                                       |
|-----------------------------------------------|------------|-------------------------------------------------------|
| (51) International classification             | :C08G69/40 | (71)Name of Applicant :                               |
| (31) Priority Document No                     | :NA        | <b>1)RELIANCE INDUSTRIES LTD</b>                      |
| (32) Priority Date                            | :NA        | Address of Applicant :RELIANCE TECHNOLOGY CENTRE, B-4 |
| (33) Name of priority country                 | :NA        | MIDC INDUSTRIAL AREA, PATALGANGA-410220 DIST RAIGAD   |
| (86) International Application No             | :NA        | Maharashtra India                                     |
| Filing Date                                   | :NA        | (72)Name of Inventor :                                |
| (87) International Publication No             | :Nil       | <b>1)NADKARNI, VIKAS MADHUSUDAN</b>                   |
| (61) Patent of Addition to Application Number | :NA        | <b>2)AYODHYA, SRINIVASACHARYA RAMACHARYA</b>          |
| Filing Date                                   | :NA        | <b>3)WADEKAR, SHREERAM ASHOK</b>                      |
| (62) Divisional to Application Number         | :NA        | <b>4)LIMAYE, CHETAN VIJAY</b>                         |
| Filing Date                                   | :NA        |                                                       |

(57) Abstract :

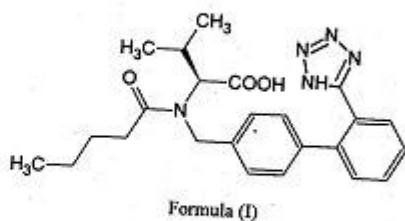
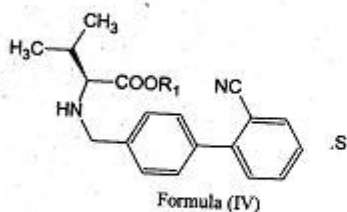
An improved process for the continuous production of a high molecular weight polyester resin of IV of about 0.5dl/g to about 1 dl/g from low molecular weight crystalline prepolymer of IV of about 0.1 dl/g to about 0.4 dl/g with the improved frictional properties comprising adding anti-stiction additive at any stage during melt polymerization steps of (a), (b), (c) or (d) but before the particle former process. Low molecular weight crystalline prepolymer having IV of about 0.1 dl/g to about 0.4 with improved frictional property and uniform hemispherical shape, uniform particle size, uniform crystallinity prepared by the above process. High molecular weight polyester resin with an IV from about 0.5dl/g to about 1 dl/g with improved frictional property and accepted haze prepared by the above process is also disclosed. The high molecular weight polyester resin with improved frictional property with accepted haze prepared by the process is used for the production of preforms, beverage container, bottles, sheets and film with low coefficient of friction and improved slip performance.

## (54) Title of the invention : PROCESS FOR PREPARING VALSARTAN

|                                               |                       |                                                              |
|-----------------------------------------------|-----------------------|--------------------------------------------------------------|
| (51) International classification             | :C07D257/00,A61K31/41 | (71) <b>Name of Applicant :</b>                              |
| (31) Priority Document No                     | :NA                   | <b>1)ALEMBIC LIMITED</b>                                     |
| (32) Priority Date                            | :NA                   | Address of Applicant :Alembic Campus, Alembic Road, Vadodara |
| (33) Name of priority country                 | :NA                   | Gujarat India                                                |
| (86) International Application No             | :NA                   | (72) <b>Name of Inventor :</b>                               |
| Filing Date                                   | :NA                   | <b>1)SONI ROHIT RAVIKANT</b>                                 |
| (87) International Publication No             | : NA                  | <b>2)VOSOYA SANJAY LAKHABHAI</b>                             |
| (61) Patent of Addition to Application Number | :NA                   | <b>3)GHOTIKAR RAVINDRA CHARUDATTA</b>                        |
| Filing Date                                   | :NA                   |                                                              |
| (62) Divisional to Application Number         | :NA                   |                                                              |
| Filing Date                                   | :NA                   |                                                              |

## (57) Abstract :

The invention relates to novel compound of formula (IV), which is an organic acid salt of N-[(2'-cyanobiphenyl-4-yl)methyl]-(L)-valine ester. This compound is an useful intermediate for process of preparation of Valsartan of formula (I), chemically known as (S)-N-(1-Carboxy-2-methylprop-1-yl)-N-pentanoyl-N-[2'-(1H-tetrazol-5-yl)biphenyl-4-ylmethyl] amine. This invention also relates to a process for preparing Valsartan using novel intermediate of formula (IV).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.995/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :23/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : A HAND GUIDING WRITTING AND DRAWING SKILL IMPROVEMENT EXRCISE BOOK

|                                               |          |                                                      |
|-----------------------------------------------|----------|------------------------------------------------------|
| (51) International classification             | :B43L/00 | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :NA      | <b>1)SHAH ANURAG</b>                                 |
| (32) Priority Date                            | :NA      | Address of Applicant :207, SHUBHAM APARTMENT, NAPIER |
| (33) Name of priority country                 | :NA      | TOWN, JABALPUR PIN-482001 Madhya Pradesh India       |
| (86) International Application No             | :NA      | (72) <b>Name of Inventor :</b>                       |
| Filing Date                                   | :NA      | <b>1)SHAH ANURAG</b>                                 |
| (87) International Publication No             | :Nil     |                                                      |
| (61) Patent of Addition to Application Number | :NA      |                                                      |
| Filing Date                                   | :NA      |                                                      |
| (62) Divisional to Application Number         | :NA      |                                                      |
| Filing Date                                   | :NA      |                                                      |

(57) Abstract :

The hand guiding writing and drawing skill improvement exercise book would consist of sheets of paper of the thickness of invitation cards or sheets of plastic of comparable or less thickness. On these sheets would be engraved alphabets, numerals, geometrical figures and other relevant text. The engraving of just such depth and width, as would offer unstraying mechanical guidance to the point of pencil or pen tracing it, would upon repeated practice firmly settle the child's hand to write a good hand and draw well ever after.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :23/08/2005

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF FUEL OILS AND RELATED PETROLEUM PRODUCTS FROM VARIOUS TYPES OF WASTE POLYMERS (E.G. PO, PS,PVC, PIB, WASTE WAX, RUBBER WASTES ETC).

|                                               |                     |                                                      |
|-----------------------------------------------|---------------------|------------------------------------------------------|
| (51) International classification             | :C10L1/12,B01J23/10 | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :NA                 | <b>1)JASWANT SINGH BHOMRAH</b>                       |
| (32) Priority Date                            | :NA                 | Address of Applicant :B-9,ABHINANDAN, RATAN NAGAR    |
| (33) Name of priority country                 | :NA                 | COMPLEX, OPP:HOTEL PALMLAND, BHARUCH 392001. Gujarat |
| (86) International Application No             | :NA                 | India                                                |
| Filing Date                                   | :NA                 | <b>2)BALBIR BHOMRAH</b>                              |
| (87) International Publication No             | : NA                | (72) <b>Name of Inventor :</b>                       |
| (61) Patent of Addition to Application Number | :NA                 | <b>1)JASWANT SINGH BHOMRAH</b>                       |
| Filing Date                                   | :NA                 | <b>2)BALBIR BHOMRAH</b>                              |
| (62) Divisional to Application Number         | :NA                 |                                                      |
| Filing Date                                   | :NA                 |                                                      |

(57) Abstract :

New process is to manufacture fuel oils from waste plastics by catalytic degradation at 200-700°C. The new process eliminates any type of discharge to environments. Other, than fuel oil, gaseous products,semi solid and waxes were also obtained. Waste plastics were polyolefinic, polystyrene and crude waste wax etc. Catalyst used were bentonite, sodium zeolite mordenite and transition metal zeolite. Waste plastics with contamination of paper gave blackish fuel oil and carbonaceous residue. The lator was made into pellet form which burns when ignited. So it could be used as fuel in the heating equipments in the - industries. To obtain a fuel oil with higher octane number, polyolefin waste was blended with other type of wastes and used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/00044/MUM A

(19) INDIA

(22) Date of filing of Application :30/05/2000

(43) Publication Date : 29/06/2007

(54) Title of the invention : CONTROL CABINET

(51) International classification

:H02B1/56

(31) Priority Document No

:198 04 901.3

(32) Priority Date

:07/02/1998

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP98/08450

Filing Date

:24/12/1998

(87) International Publication No

:WO99/40659

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)RITTAL-WERK RUDOLF LOH GMBH & CO. KG**

Address of Applicant :AUF DEM STUTZELBERG, D-35745

HERBORN Germany

(72)Name of Inventor :

**1)NICOLAI WALTER**

**2)PAWLOWSKI ADAM**

**3)SCHNEIDER STEFAN**

(57) Abstract :

A switchgear cabinet with a cabinet body open sides of whose body can be closed off at least partially by means of one or several lateral walls, wherein an air conditioning unit is arranged in the area of at least one lateral wall, through which heat can be removed from or supplied to this cabinet body, characterized in that: an intermediate wall (20) is arranged parallel and spaced apart from the lateral wall (14) and facing the interior of the cabinet body, and the air conditioning unit (22) is arranged in the space enclosed by the lateral wall (14) and the intermediate wall (20).

(12) PATENT APPLICATION PUBLICATION

(21) Application No. IN/PCT/2000/00572/MUM A

(19) INDIA

(22) Date of filing of Application : 01/04/2000

(43) Publication Date : 29/06/2007

(54) Title of the invention : PERSONAL NAVIGATOR SYSTEM

|                                               |                  |                                                           |
|-----------------------------------------------|------------------|-----------------------------------------------------------|
| (51) International classification             | : H04N5/445      | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | : 09/078,604     | <b>1) CLEMENS CROY</b>                                    |
| (32) Priority Date                            | : 13/05/1998     | Address of Applicant : WESTENDSTRABE 19, 60325 FRANKFURT, |
| (33) Name of priority country                 | : U.S.A.         | GERMANY Germany                                           |
| (86) International Application No             | : PCT/IB99/00843 | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | : 10/05/1999     | <b>1) CLEMENS CROY</b>                                    |
| (87) International Publication No             | : WO99/59334A1   | <b>2) RAINER F. BERMBACH</b>                              |
| (61) Patent of Addition to Application Number | : NA             |                                                           |
| Filing Date                                   | : NA             |                                                           |
| (62) Divisional to Application Number         | : NA             |                                                           |
| Filing Date                                   | : NA             |                                                           |

(57) Abstract :

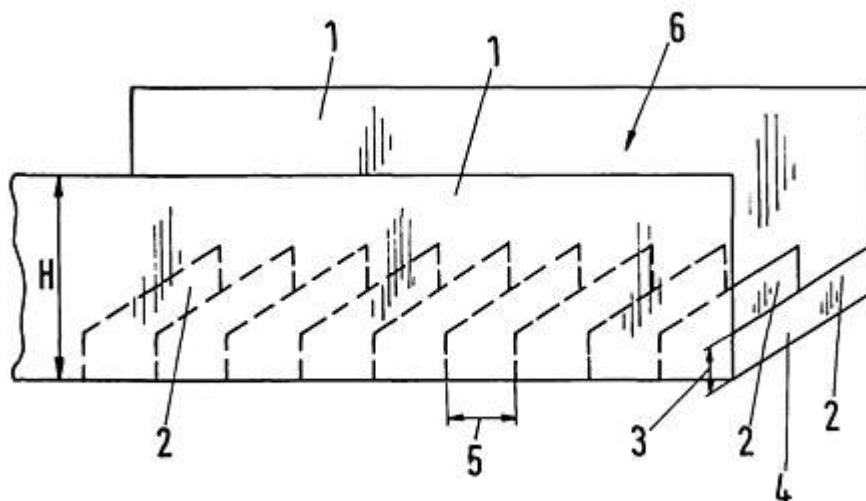
A control device for monitoring and controlling an electronic device, comprising: a display component for displaying a dual partition selection list having a first selection list and a second list, at least a portion of the first selection list and at least a portion of the second selection list being at least partly concurrently displayable on the display component; and a selection component for selecting elements from the dual partition selection list, the selection component having a first selection component for selecting elements from the first selection list, a selection made using the first selection component causing a display of the second selection list while the first selection list is at least partly concurrently displayed.

(54) Title of the invention : LEVELLER BAR FOR COKING OVENS

|                                               |                 |                                                           |
|-----------------------------------------------|-----------------|-----------------------------------------------------------|
| (51) International classification             | :C10B37/02      | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :198 30 382.3   | <b>1)DEUTSCHE MONTAN TECHNOLOGIE GMBH</b>                 |
| (32) Priority Date                            | :08/07/1998     | Address of Applicant :FRANZ-FISCHER-WEG 61, D-45307 ESSEN |
| (33) Name of priority country                 | :Germany        | Germany                                                   |
| (86) International Application No             | :PCT/EP99/04578 | (72)Name of Inventor :                                    |
| Filing Date                                   | :02/07/1999     | <b>1)HANS-JOSEF GIERTZ</b>                                |
| (87) International Publication No             | :WO 00/02976    | <b>2)JURGEN GEORGE</b>                                    |
| (61) Patent of Addition to Application Number | :NA             | <b>3)KLAUS-DIETER RUTHEMANN</b>                           |
| Filing Date                                   | :NA             |                                                           |
| (62) Divisional to Application Number         | :NA             |                                                           |
| Filing Date                                   | :NA             |                                                           |

(57) Abstract :

The invention relates to a levelling bar for coking ovens, for levelling the cones of discharged coal which form under the filling holes of the oven chamber during the filling process. The levelling bar consists of two cheeks, such as plates (1), which extend essentially over the entire length of the oven chamber and which are arranged at a distance from each other depending on the width of the oven chamber, and parallel to each other. They are also interconnected and are essentially vertical. The levelling bar also has transversal coal carriers (2) which are arranged in the intermediate space delimited by the cheeks (1) at a mutual distance, one behind the other and which only extend over part of the cross-sectional surface of the levelling bar formed between the cheeks (1). The height (3) of the coal carriers (2), which take up the entire interval between the cheeks, is less than the height (H) of the cheeks (1) and the cheeks form a gas channel (6) above the coal carriers (2) which is essentially free of built-in components.



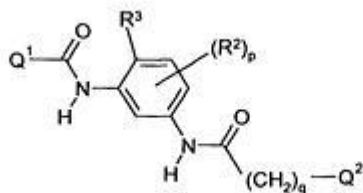


(54) Title of the invention : AMIDE DERIVATIVES USEFUL AS INHIBITORS OF THE PRODUCTION OF CYTOKINES

|                                               |                 |                                                  |
|-----------------------------------------------|-----------------|--------------------------------------------------|
| (51) International classification             | :C07D213/82     | (71)Name of Applicant :                          |
| (31) Priority Document No                     | :9816838.8      | <b>1)ASTRAZENECA AB</b>                          |
| (32) Priority Date                            | :04/08/1998     | Address of Applicant :S-15185 Sodertalje, Sweden |
| (33) Name of priority country                 | :U.K.           | (72)Name of Inventor :                           |
| (86) International Application No             | :PCT/GB99/02489 | <b>1)DEARG SUTHERLAND BROWN</b>                  |
| Filing Date                                   | :29/07/1999     | <b>2)GEORGE ROBERT BROWN</b>                     |
| (87) International Publication No             | :WO 2000/007991 |                                                  |
| (61) Patent of Addition to Application Number | :NA             |                                                  |
| Filing Date                                   | :NA             |                                                  |
| (62) Divisional to Application Number         | :NA             |                                                  |
| Filing Date                                   | :NA             |                                                  |

(57) Abstract :

The invention concerns amide derivatives of formula (I) wherein R<sup>3</sup> is (1-6C)alkyl or halogeno; Q<sup>1</sup> is heteroaryl which is optionally substituted with 1, 2, 3, or 4 substituents such as hydroxy, halogeno, trifluoromethyl, (1-6C)alkyl, (1-6C)alkoxy, hydroxy-(1-6C)alkyl, (1-6C)alkoxy-(1-6C)alkyl, hydroxy-(2-6C)alkoxy, amino-(2-6C)alkylamino, N-(1-6C)alkyl-(1-6C)alkylamino-(2-6C)alkylamino, aryl, heteroaryl and heterocyclyl; p is 0-2 and R<sup>2</sup> is a substituent such as hydroxy and halogeno; q is 0-4; and Q<sup>2</sup> includes optionally substituted aryl, cycloalkyl, heteroaryl and heterocyclyl; or pharmaceutically-acceptable salts or in vivo-cleavable esters thereof; processes for their preparation, pharmaceutical compositions containing them and their use in the treatment of diseases or medical conditions mediated by cytokines.



(I)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00316/MUM A

(19) INDIA

(22) Date of filing of Application :21/03/2001

(43) Publication Date : 29/06/2007

(54) Title of the invention : ALZHEIMER'S DISEASE SECRETASE

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :C07K14/47      |
| (31) Priority Document No                     | :60/101,594     |
| (32) Priority Date                            | :24/09/1998     |
| (33) Name of priority country                 | :U.S.A.         |
| (86) International Application No             | :PCT/US99/20881 |
| Filing Date                                   | :23/09/1999     |
| (87) International Publication No             | :WO/2000/017369 |
| (61) Patent of Addition to Application Number | :NA             |
| Filing Date                                   | :NA             |
| (62) Divisional to Application Number         | :NA             |
| Filing Date                                   | :NA             |

(71)**Name of Applicant :**

**1)PHARMACIA & UPJOHN COMPANY**

Address of Applicant :301 HENRIETTA STREET, KALAMAZOO,  
MICHIGAN 49001 U.S.A.

(72)**Name of Inventor :**

**1)MARK E GURNEY**

**2)BIENKOWSKI ,MICHAEL JEROME**

**3)ROBERT LEROY HEINRIKSON**

**4)LUIS A PARODI**

**5)RIQIANG YAN**

(57) Abstract :

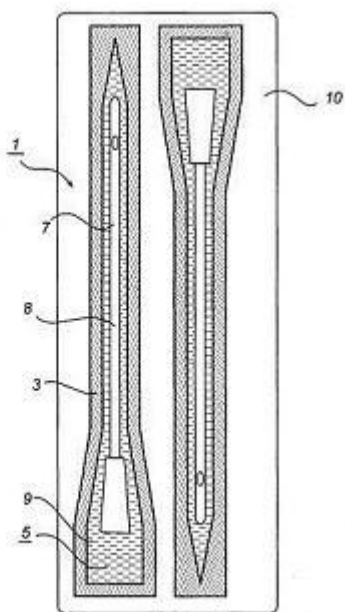
The present invention provides the enzyme and enzymatic procedures for cleaving the  $\beta$  secretase cleavage site of the APP protein and associated nucleic acids, peptides, vectors, cells and cell isolates and assays.

(54) Title of the invention : STORAGE PACKAGE AND A METHOD FOR PACKAGING

|                                               |                         |                                                                                                                                                |
|-----------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B65D85/24<br>A61M25/00 | (71) <b>Name of Applicant :</b><br><b>1)ASTRA TECH AB</b><br>Address of Applicant :SWAEDISH body corporate, Box 14, S-431 21<br>molndal Sweden |
| (31) Priority Document No                     | :9900465.7              | (72) <b>Name of Inventor :</b>                                                                                                                 |
| (32) Priority Date                            | :12/02/1999             | <b>1)ANETTE ISRAELSSON</b>                                                                                                                     |
| (33) Name of priority country                 | :Sweden                 | <b>2)AGNETA PETTERSSON</b>                                                                                                                     |
| (86) International Application No             | :PCT/SE00/00289         | <b>3)JAN UTAS</b>                                                                                                                              |
| Filing Date                                   | :14/02/2000             |                                                                                                                                                |
| (87) International Publication No             | :WO00/47494             |                                                                                                                                                |
| (61) Patent of Addition to Application Number | :NA                     |                                                                                                                                                |
| Filing Date                                   | :NA                     |                                                                                                                                                |
| (62) Divisional to Application Number         | :NA                     |                                                                                                                                                |
| Filing Date                                   | :NA                     |                                                                                                                                                |

(57) Abstract :

A storage package (1) contains a medical device (7) having a coated surface (8) which exhibits a reduced friction when wetted with a wetting liquid and a supply of the wetting liquid (9). The package is adapted such that the coated surface of the medical device is maintained contact with the supply of wetting liquid during storage. A good shelf-life for the medical device is achieved and where the medical device is a urethral catheter the catheter is immediately 'ready-for-use' after the package has been opened.

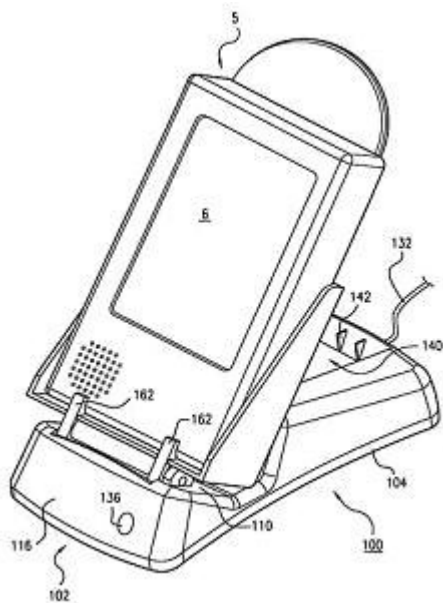


(54) Title of the invention : SUPPORT ASSEMBLY FOR PERSONAL ELECTRONIC DEVICE AND METHOD FOR USING THE SAME

|                                               |                 |                                                       |
|-----------------------------------------------|-----------------|-------------------------------------------------------|
| (51) International classification             | :H04M 1/11      | (71)Name of Applicant :                               |
| (31) Priority Document No                     | :09/268,849     | <b>1)ERICSSON INC</b>                                 |
| (32) Priority Date                            | :16/03/1999     | Address of Applicant :7001 DEVELOPMENT DRIVE, P O BOX |
| (33) Name of priority country                 | :U.S.A.         | 13969, RESEARCH TRIANGLE PARK, NORTH CAROLINA 27709,  |
| (86) International Application No             | :PCT/US00/03846 | U.S.A.                                                |
| Filing Date                                   | :15/02/2000     | (72)Name of Inventor :                                |
| (87) International Publication No             | :WO 00/56042 A1 | <b>1)JOHN THOMAS SADLER</b>                           |
| (61) Patent of Addition to Application Number | :NA             |                                                       |
| Filing Date                                   | :NA             |                                                       |
| (62) Divisional to Application Number         | :NA             |                                                       |
| Filing Date                                   | :NA             |                                                       |

## (57) Abstract :

An assembly for supporting a personal electronic device includes a base and a holder. The holder is adapted to hold the device. The holder is removably connected to the base such that the holder may be selectively removed from and replaced on the base. Also, the holder is adjustably movably connected to the base such that the holder may be repositioned relative to the base. The device may thereby be reoriented relative to the base and, thus, a support surface, when mounted in the holder. A method for handling a personal electronic device includes mounting the device in a holder, mounting the device and the holder on a base, repositioning the holder relative to base to position the device as desired while the holder is mounted on the base, and removing the device and the holder from the base.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01288/MUM A

(19) INDIA

(22) Date of filing of Application :17/10/2001

(43) Publication Date : 29/06/2007

(54) Title of the invention : A PHARMACEUTICAL FORMULATION CONTAINING AN INHIBITOR OF CARBOXYPEPTIDASE U AND A THROMBIN INHIBITOR

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :A61K38/57      |
| (31) Priority Document No                     | :9901572-9      |
| (32) Priority Date                            | :03/05/1999     |
| (33) Name of priority country                 | :Sweden         |
| (86) International Application No             | :PCT/SE00/00847 |
| Filing Date                                   | :03/05/2000     |
| (87) International Publication No             | :WO/2000/066152 |
| (61) Patent of Addition to Application Number | :NA             |
| Filing Date                                   | :NA             |
| (62) Divisional to Application Number         | :NA             |
| Filing Date                                   | :NA             |

(71)**Name of Applicant :**  
**1)ASTRAZENECA AB**  
Address of Applicant :S-151 85 SODERTALJE, Sweden  
(72)**Name of Inventor :**  
**1)TOMMY ABRAHAMSSON**  
**2)VIVECA NERME**  
**3)MAGNUS POLLA**

(57) Abstract :

The present invention relates to pharmaceutical formulations of an inhibitor of carboxypeptidase U (CPU) and a thrombin inhibitor in admixture with a pharmaceutically acceptable adjuvant, diluent or carrier, as well as a kit of parts, a method for treatment and use of the formulations for the treatment of a condition in which inhibition of CPU and/or inhibition of thrombin are required or desired.

(54) Title of the invention : TERACYCLIC AZEPINOINDOLE COMPOUNDS AS 5-HT RECEPTOR LIGANDS

(51) International classification :C07D 471/16  
 (31) Priority Document No :60/130,811  
 (32) Priority Date :23/04/1999  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US00/10600  
 Filing Date :20/04/2000  
 (87) International Publication No :WO 00/64899 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)PHARMACIA & UPJOHN COMPANY**

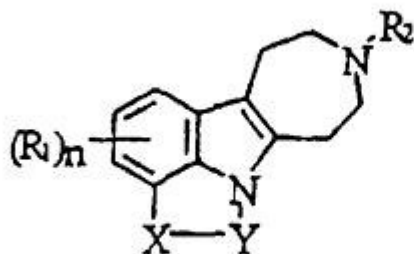
Address of Applicant :301 HENRIETTA STREET, KALAMAZOO, MICHIGAN 49001, U.S.A.

## (72)Name of Inventor :

**1)JACKSON B HESTER JR****2)BRUCE N ROGERS****3)E JON JACOBSEN****4)MICHAEL DALTON ENNIS****5)BRAD ACKER****6)SUSAN L. VANDER VELDE****7)KRISTINE E FRANK**

## (57) Abstract :

The present invention provides compounds of formula (I), wherein R<sub>1</sub> is hydrogen, C<sub>1</sub>-7alkyl, C<sub>1</sub>-7alkanoyl, arylcarbonyl, aryl, (aryl)C<sub>1</sub>-7alkyl, C<sub>1</sub>-7alkoxycarbonyl, aryloxycarbonyl, arylsulfonyl, or (aryl)C<sub>1</sub>-7alkoxycarbonyl; X and Y together are 2, 3 or 4 membered saturated or partially unsaturated chain. These compounds are 5-HT ligands, and are useful for treating diseases wherein modulation of 5-HT activity is desired.



(I)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01317/MUM A

(19) INDIA

(22) Date of filing of Application :23/10/2001

(43) Publication Date : 29/06/2007

(54) Title of the invention : MOUSSE FORMING HAIR TREATMENT COMPOSITION

|                                               |                    |                                                                                                                                                                                         |
|-----------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K7/06,A61K7/50 | (71) <b>Name of Applicant :</b><br><b>1)HINDUSTAN LEVER LIMITED</b><br>Address of Applicant :HINDUSTAN LEVER HOUSE, 165/166<br>BACKBAY RECLAMATION, MUMBAI - 400 020, Maharashtra India |
| (31) Priority Document No                     | :9909711.5         |                                                                                                                                                                                         |
| (32) Priority Date                            | :27/04/1999        |                                                                                                                                                                                         |
| (33) Name of priority country                 | :U.K.              |                                                                                                                                                                                         |
| (86) International Application No             | :PCT/EP00/03720    | (72) <b>Name of Inventor :</b><br><b>1)STEER DAVID CHARLES</b>                                                                                                                          |
| Filing Date                                   | :19/04/2000        |                                                                                                                                                                                         |
| (87) International Publication No             | :WO00/64404A3      |                                                                                                                                                                                         |
| (61) Patent of Addition to Application Number | :NA                |                                                                                                                                                                                         |
| Filing Date                                   | :NA                |                                                                                                                                                                                         |
| (62) Divisional to Application Number         | :NA                |                                                                                                                                                                                         |
| Filing Date                                   | :NA                |                                                                                                                                                                                         |

(57) Abstract :

A mousse forming hair treatment composition, which may be a cleansing and/or conditioning composition, comprising a foamable concentrate comprising at least one surfactant, an aqueous carrier, and which is substantially free of anionic surfactants, and an aerosol propellant.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/01608/MUM A

(19) INDIA

(22) Date of filing of Application :18/12/2001

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPOSITIONS AFFECTING PROGRAMMED CELL DEATH AND THEIR USE IN THE MODIFICATION OF FORESTRY PLANT DEVELOPMENT

|                                               |                 |                                                               |
|-----------------------------------------------|-----------------|---------------------------------------------------------------|
| (51) International classification             | :C12N15/29      | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :09/325,932     | <b>1)GENESIS RESEARCH AND DEVELOPMENT CORPORATION LIMITED</b> |
| (32) Priority Date                            | :04/06/1999     | Address of Applicant :1 FOX STREET, PARNELL, AUCKLAND,        |
| (33) Name of priority country                 | :U.S.A.         | New Zealand                                                   |
| (86) International Application No             | :PCT/NZ00/00086 | <b>2)FLETCHER CHALLENGE FORESTS LIMITED</b>                   |
| Filing Date                                   | :02/06/2000     | (72) <b>Name of Inventor :</b>                                |
| (87) International Publication No             | :WO00/75331A1   | <b>1)BARRY FLINN</b>                                          |
| (61) Patent of Addition to Application Number | :NA             | <b>2)ANNETTE LASHAM</b>                                       |
| Filing Date                                   | :NA             |                                                               |
| (62) Divisional to Application Number         | :NA             |                                                               |
| Filing Date                                   | :NA             |                                                               |

(57) Abstract :

Novel isolated polynucleotides associated with programmed cell death and various plant developmental mechanisms are provided, together with genetic constructs comprising such sequences. Methods for the modulation of the content, structure and metabolism of forestry plants, and particularly for the modulation of PCD and various plant developmental mechanisms in forestry plants, are also disclosed, the methods comprising incorporating one or more of the polynucleotides or genetic constructs of the present invention into the genome of a forestry plant.

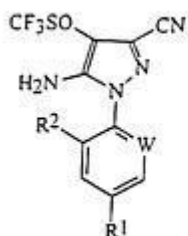


(54) Title of the invention : PROCESS FOR PREPARING 4-TRIFLUOROMETHYLSULPHINYLYRAZOLE DERIVATIVE

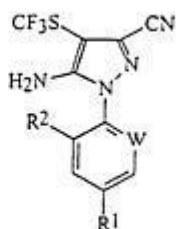
|                                               |                 |                                                            |
|-----------------------------------------------|-----------------|------------------------------------------------------------|
| (51) International classification             | :CO7D231/44     | (71)Name of Applicant :                                    |
| (31) Priority Document No                     | :NA             | <b>1)AVENTIS CROPSCIENCE S A</b>                           |
| (32) Priority Date                            | :NA             | Address of Applicant :55 AVENUE RENE CASSIN, F-69009 LYON, |
| (33) Name of priority country                 | :NA             | France                                                     |
| (86) International Application No             | :PCT/EP99/08687 | (72)Name of Inventor :                                     |
| Filing Date                                   | :22/10/1999     | <b>1)JEAN-LOUIS CLAVEL</b>                                 |
| (87) International Publication No             | :WO01/30760A1   | <b>2)ISABELLE PELTA</b>                                    |
| (61) Patent of Addition to Application Number | :NA             | <b>3)SYLVIE LE BARS</b>                                    |
| Filing Date                                   | :NA             | <b>4)PHILIPPE CHARREAU</b>                                 |
| (62) Divisional to Application Number         | :NA             |                                                            |
| Filing Date                                   | :NA             |                                                            |

(57) Abstract :

A process for the preparation of a compound of formula (I), R<sup>1</sup> represents halogen, haloalkyl, haloalkoxy, R<sup>4</sup>S (O) n-, or -SF<sub>5</sub>; R<sup>2</sup> represents hydrogen or halogen; R<sup>3</sup> represents halogen; R<4> represents alkyl or haloalkyl; and n represents 0, 1 or 2; which process comprises oxidising a compound of formula (II); wherein R<sup>1</sup>, R<sup>2</sup> and W are as defined above, with trifluoroperacetic acid in the presence of a corrosion inhibiting compound which is boric acid.



(I)



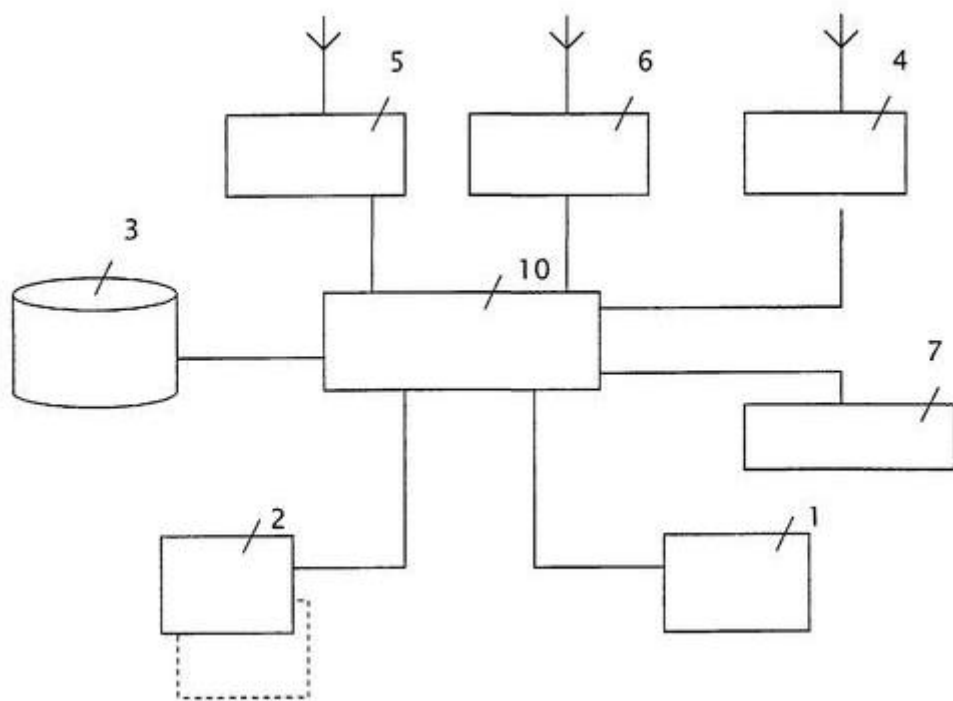
(II)

(54) Title of the invention : METHOD FOR SECURE DETERMINATION OF AN OBJECT LOCATION, PREFERABLY A VEHICLE MOVING ALONG A KNOWN COURSE

|                                               |                 |                                                        |
|-----------------------------------------------|-----------------|--------------------------------------------------------|
| (51) International classification             | :G01S5/14       | (71)Name of Applicant :                                |
| (31) Priority Document No                     | :60/215,607     | <b>1)ALSTOM BELGIUM S.A.</b>                           |
| (32) Priority Date                            | :30/06/2000     | Address of Applicant :RUE CAMBIER DUPRET 50-52, B-6001 |
| (33) Name of priority country                 | :U.S.A.         | CHARLEROI, Belgium                                     |
| (86) International Application No             | :PCT/BE01/00114 | (72)Name of Inventor :                                 |
| Filing Date                                   | :29/06/2001     | <b>1)JEAN PIERRE FRANCKART</b>                         |
| (87) International Publication No             | :WO02/03094A2   |                                                        |
| (61) Patent of Addition to Application Number | :NA             |                                                        |
| Filing Date                                   | :NA             |                                                        |
| (62) Divisional to Application Number         | :NA             |                                                        |
| Filing Date                                   | :NA             |                                                        |

(57) Abstract :

The invention concerns a method for determining the location and/or positioning of an object, in particular a vehicle such as a train moving along a known course, and this securely in terms of railway transport. The invention is characterised in that it consists in determining said location and/or positioning of said object by a valid calculation at a given time based on an elementary measurement involving at least a satellite and on a secure mapping of said known course.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/01832/MUM A

(19) INDIA

(22) Date of filing of Application :18/12/2002

(43) Publication Date : 29/06/2007

(54) Title of the invention : SPRAYABLE BROWNING COMPOSITION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A23D7/00          |
| (31) Priority Document No                     | :00305234.7        |
| (32) Priority Date                            | :20/06/2000        |
| (33) Name of priority country                 | :EUROPEAN<br>UNION |
| (86) International Application No             | :PCT/EP01/06638    |
| Filing Date                                   | :12/06/2001        |
| (87) International Publication No             | :WO01/97625A1      |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)HINDUSTAN LEVER LIMITED**

Address of Applicant :Hindustan Lever House, 165/166 Backbay  
Reclamation, Mumbai 400 020 Maharashtra India

(72)**Name of Inventor :**

**1)CORNELISSEN JOHANNES MATTHEUS**

**2)ENDEN PETER VAN DEN**

(57) Abstract :

The present invention relates to a sprayable browning composition which, when applied to a foodstuff, imparts a browning and optionally also a flavouring effect to the surface of the substrate to which it is applied. This is achieved by an oil in water emulsion comprising a browning agent and emulsifier.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : SULFAMATE AND SULFAMIDE DERIVATIVES FOR THE TREATMENT OF EPILEPSY AND RELATED DISORDERS

(51) International classification :C07D 321/08

(31) Priority Document No :60/580,179

(32) Priority Date :16/06/2004

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

(86) International Application No :PCT/US2005/021515

Filing Date :16/06/2005

(87) International Publication No :WO 2006/007436

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)JANSSEN PHARMACEUTICA N.V.**

Address of Applicant :TURNHOUTSEWEG 30, B-2340, BEERSE, BELGIUM

(72)Name of Inventor :

**1)DAVID F. McCOMSEY**

**2)MICHAEL H. PARKER**

**3)ALLEN B. REITZ**

**4)BRUCE E. MARYANOFF**

(57) Abstract:

The present invention is directed to novel sulfamide derivatives, pharmaceutical compositions containing them and their use in the treatment of epilepsy and related disorders.

(Fig. Nil)

(54) Title of the invention : "SEMI-SYNTHETIC CONVERSION OF PACLITAXEL TO DOCETAXEL"

(51) International classification :C07D 305/00  
 (31) Priority Document No :10/881,711  
 (32) Priority Date :29/06/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/023224  
 Filing Date :29/06/2005  
 (87) International Publication No :WO 2006/004898  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

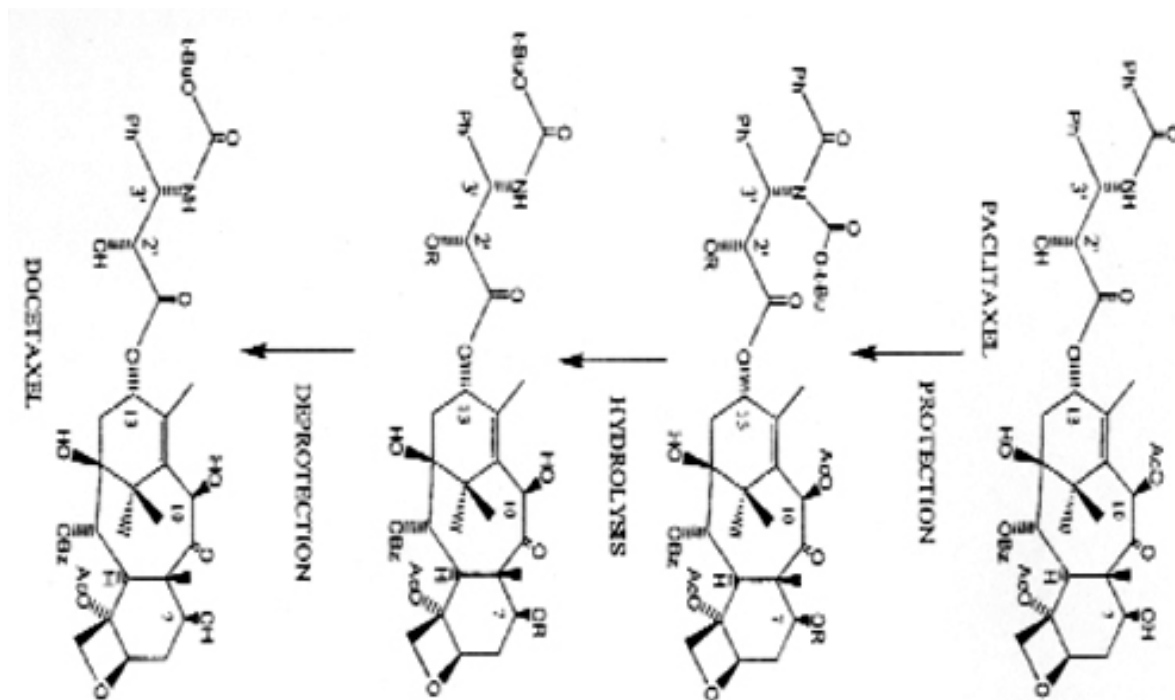
**1)CHATHAM BIOTEC LIMITED**Address of Applicant :761 A, HILLS BOROUGH ROAD,  
RIVERVIEW, NEW BRUNSWICK E1B 3W1, CANADA

(72)Name of Inventor :

**1)NAIDU RAGINA****2)FOO SAMUEL SIANG KIANG****3)CURRAN WILLIAM V****4)FAN BO**

(57) Abstract:

A process is provided for the semi-synthesis of taxane derivatives useful in the preparation of docetaxel, in particular, the semi-synthesis of protected taxane derivatives in a one pot reaction of protecting the C-2', C-7 and C-10 and introducing a t-Boc group at the nitrogen of the amide group at the C-3' position in paclitaxel and subsequently conversion to docetaxel, and derivatives used therein.



(54) Title of the invention : "NON-SKIN PENETRATING RECONSTITUTING SYRINGE"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61M 5/34         |
| (31) Priority Document No                     | :10/879,932        |
| (32) Priority Date                            | :29/06/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/022428 |
| Filing Date                                   | :23/06/2005        |
| (87) International Publication No             | :WO 2006/012281    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)BECTON, DICKINSON & COMPANY**

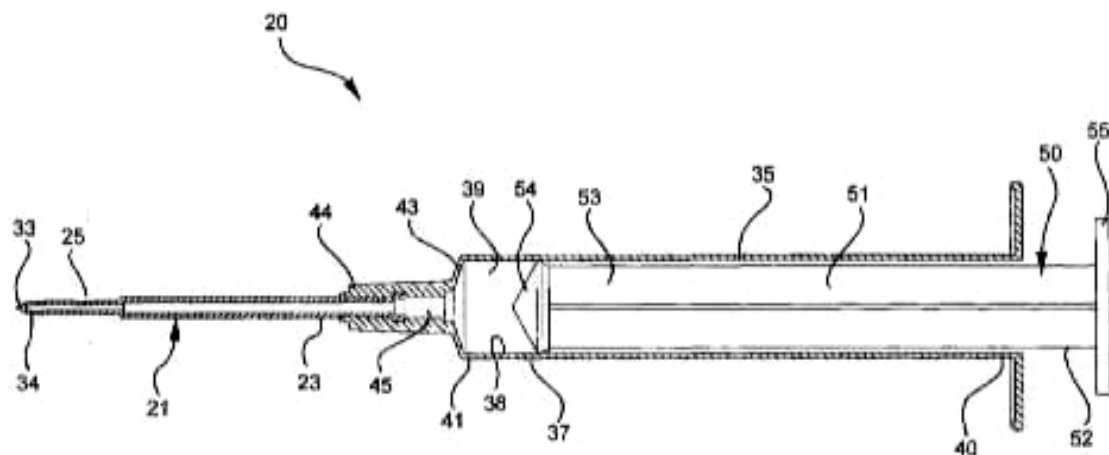
Address of Applicant :1 BECTON DRIVE, FRANKLIN LAKES, NEW JERSEY 07417-1880 U.S.A.

(72)Name of Inventor :

**1)PELKEY, BRIAN, J.****2)GRIGGS, JULIA, E.**

(57) Abstract:

A reconstitution syringe assembly comprises an elongate cannula made of thermoplastic material having an outside diameter of at least 2mm, a distal tip capable of piercing an elastomeric vial stopper and a proximal end having discontinuities on its exterior surface. A barrel made of thermoplastic material includes a tip which is molded in intimate contact around the proximal end of the cannula engaging the discontinuities to provide a permanently attached cannula. The cannula extends at least 23mm from the distal wall of the barrel. An integrally formed one-piece thermoplastic plunger and stopper are provided.

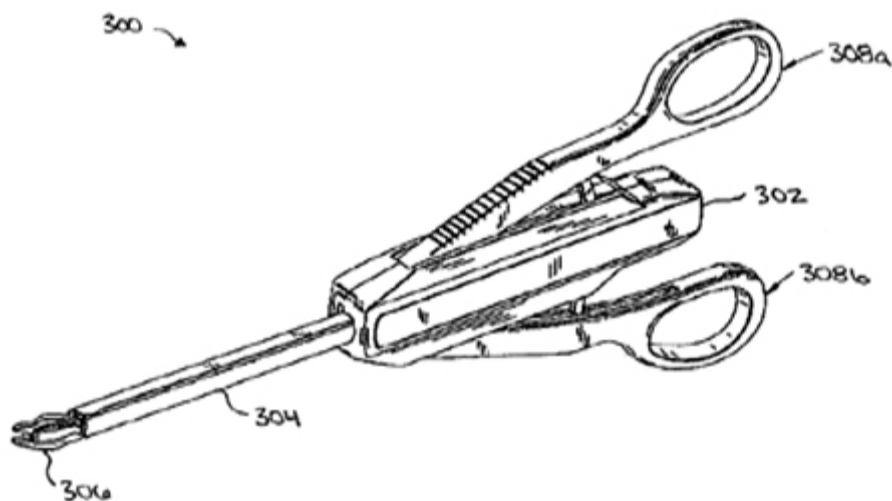


(54) Title of the invention : ELECTROACTIVE POLYMER-BASED ACTUATION MECHANISM FOR MULTI-FIRE SURGICAL FASTENING INSTRUMENT

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/182,985 | <b>1)ETHICON ENDO -SURGERY, INC</b>                              |
| (32) Priority Date                            | :30/09/2005 | Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | U.S.A.                                                           |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA         | <b>1)Mark S. Ortiz</b>                                           |
| (87) International Publication No             | : NA        | <b>2)Fredrick E. Shelton IV</b>                                  |
| (61) Patent of Addition to Application Number | :NA         | <b>3)Joseph C. Hueil</b>                                         |
| Filing Date                                   | :NA         | <b>4)Jeffery S. Swayze</b>                                       |
| (62) Divisional to Application Number         | :NA         |                                                                  |
| Filing Date                                   | :NA         |                                                                  |

(57) Abstract:

Methods and devices are provided for effecting movement of one or more components of multifire device, such as a clip applier, hernia tacker, or skin stapler. In one exemplary embodiment, a surgical fastening instrument is provided having an elongate shaft with an end effector coupled thereto and adapted to apply one or more surgical fasteners to tissue. An electrically expandable and contractible actuator, such as an electro active polymer actuator, can be used to drive a fastener advancing of forming assembly through the elongate shaft, thereby driving a surgical fastener into tissue. In another embodiment, an electrically expandable and contractible actuator, such as an electro active polymer actuator, can be used to effect movement of an articulation joint formed between the elongate shaft and the end effector.

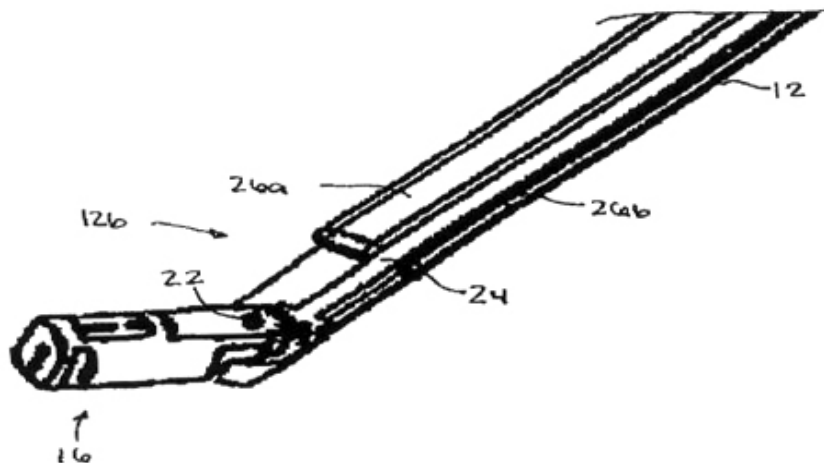


(54) Title of the invention: ELECTROACTIVE POLYMER - BASED ACTUATION MECHANISM FOR LINEAR SURGICAL STAPLER.

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71)Name of Applicant:                                            |
| (31) Priority Document No                     | :11/162,988 | <b>1) ETHICON ENDO -SURGERY, INC</b>                              |
| (32) Priority Date                            | :30/09/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     |                                                                   |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)Mark S. Ortiz</b>                                            |
| (87) International Publication No             | : NA        | <b>2)Fredrick E. Shelton IV</b>                                   |
| (61) Patent of Addition to Application Number | :NA         | <b>3)Joseph C. Hueil</b>                                          |
| Filing Date                                   | :NA         | <b>4)Jeffery S. Swayze</b>                                        |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

(57) Abstract :

Methods and devices are provided for actuating and/or articulating a surgical stapler. In one embodiment, a surgical stapler is provided having a stapling mechanism or end effector that is movably coupled to a distal end of an elongate shaft. An electrically expandable and contractible actuator, such as an electroactive polymer actuator, can be used to pivotally or angularly adjust a position of the stapling mechanism relative to the elongate shaft by delivering energy to the electroactive polymer actuator. In another embodiment, an electroactive polymer actuator can be used to actuate the staple applying assembly, thereby driving one or more staples, and preferably at least two linear rows of staples, into tissue. The actuator can alternatively or additionally drive a blade distally to cut tissue being stapled.



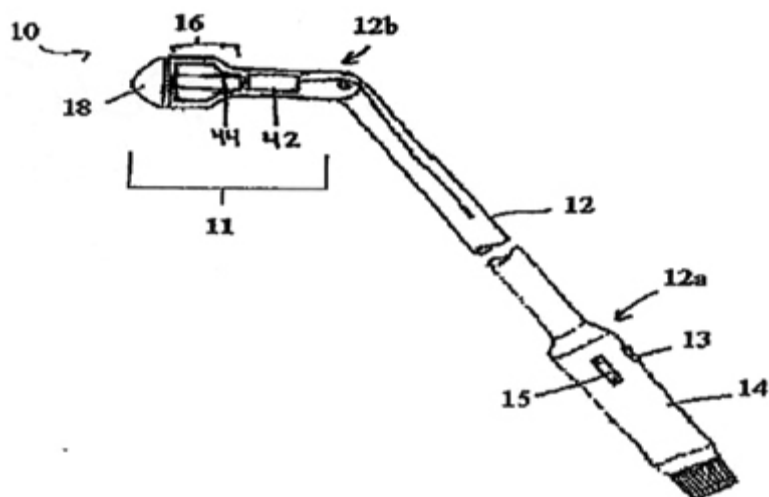


(54) Title of the invention : ELECTROACTIVE POLYMER-BASED ARTICULATION MECHANISM FOR CIRCULAR STAPLER

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/162990  | <b>1)ETHICON ENDO-SURGERY, INC.</b>                              |
| (32) Priority Date                            | :30/09/2005 | Address of Applicant :4545 Creek Road, Cincinnati, OH 45242 Ohio |
| (33) Name of priority country                 | :U.S.A.     | Corporation U.S.A.                                               |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA         | <b>1)Mark S. Ortiz</b>                                           |
| (87) International Publication No             | : NA        | <b>2)Fredrick E. Shelton IV</b>                                  |
| (61) Patent of Addition to Application Number | :NA         | <b>3)Joseph C. Hueil</b>                                         |
| Filing Date                                   | :NA         | <b>4)Jeffrey S. Swayze</b>                                       |
| (62) Divisional to Application Number         | :NA         |                                                                  |
| Filing Date                                   | :NA         |                                                                  |

(57) Abstract :

Methods and device are provided for actuating and/or articulating a circular stapler. In one exemplary embodiment, a circular stapler is provided having an elongate shaft with a stapling apparatus coupled thereto. An electrically expandable and contractible actuator, such as an electroactive polymer actuator, can be used to pivotally or angularly adjust a position of the stapling apparatus relative to the elongate shaft by delivering energy to the electroactive polymer actuator. In another embodiment, an electroactive polymer actuator can be used to actuate the stapling apparatus, thereby driving one or more staples, preferably in a substantially curved pattern, into tissue. The actuator can alternatively or additionally drive a blade distally to cut tissue being stapled.

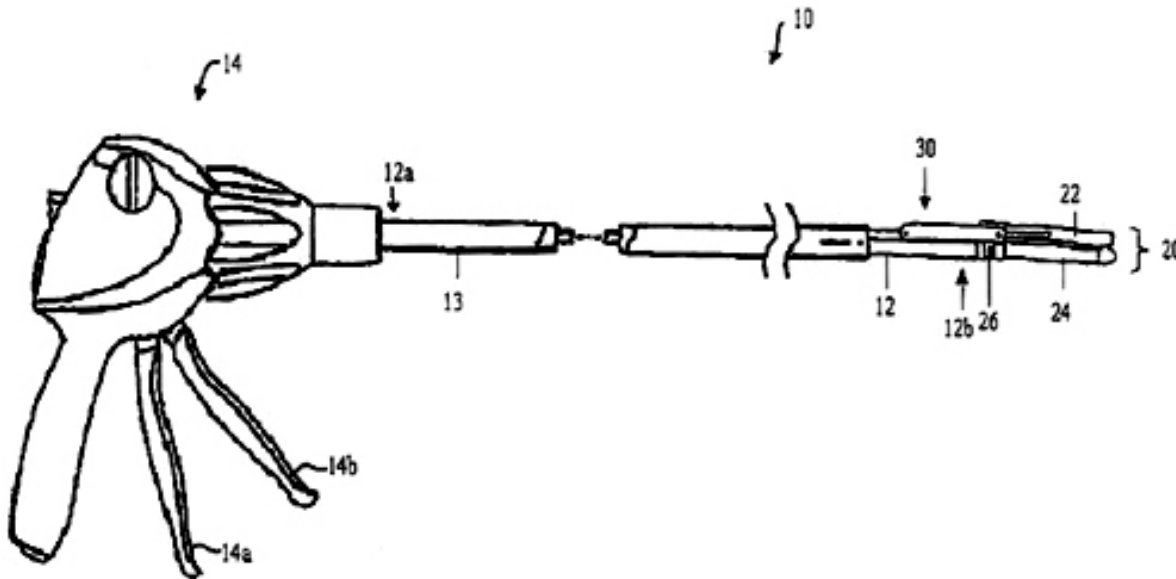


(54) Title of the invention : SURGICAL STAPLER WITH AN END EFFECTOR SUPPORT

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71) <b>Name of Applicant:</b>                                   |
| (31) Priority Document No                     | :11/163243  | <b>1) ETHICON ENDO -SURGERY, INC.</b>                            |
| (32) Priority Date                            | :11/10/2005 | Address of Applicant: 4545 Creek Road, Cincinnati, OH 45242 Ohio |
| (33) Name of priority country                 | :U.S.A.     | Corporation U.S.A.                                               |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                   |
| Filing Date                                   | :NA         | <b>1)Mark S. Ortiz</b>                                           |
| (87) International Publication No             | : NA        | <b>2)Michael Stokes</b>                                          |
| (61) Patent of Addition to Application Number | :NA         |                                                                  |
| Filing Date                                   | :NA         |                                                                  |
| (62) Divisional to Application Number         | :NA         |                                                                  |
| Filing Date                                   | :NA         |                                                                  |

(57) Abstract :

A surgical stapler is provided having a cartridge arm for holding staples, an anvil pivotally connected thereto to deform fired staples from the cartridge arm, and a support for substantially preventing anvil deflection during staple firing to help insure proper staple formation. Some supports allow pivoting between the anvil and cartridge arm when in a first position, but prevent or hinder the pivoting action when in a second position. Supports can also be adapted to contact the anvil at a distal position relative to the pivot point between the anvil and cartridge arm. Exemplary structures of supports embodied as one or more links or as a sleeve are described. Methods of use are also discussed.



(54) Title of the invention: ELECTROACTIVE POLYMER- BASED ARTICULATION MECHANISM FOR LINEAR SURGICAL STAPLER.

(51) International classification

:A61B17/072;

A61B17/068

(31) Priority Document No

:11/162986

(32) Priority Date

:30/09/2005

(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) ETHICON ENDO-SURGERY, INC.**

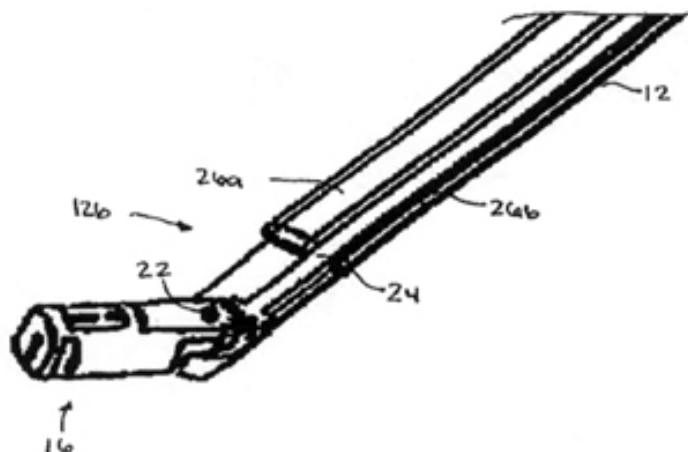
Address of Applicant: 4545 Creek Road, Cincinnati, OH 45242 Ohio Corporation U.S.A.

(72)Name of Inventor :

**1)MARK S. ORTIZ****2)Fredrick E. Shelton IV****3)Jeffrey S. Swayze**

(57) Abstract :

Methods and devices are provided for actuating and/or articulating a surgical stapler. In one embodiment, a surgical stapler is provided having a stapling mechanism or end effector that is movably coupled to a distal end of an elongate shaft. An electrically expandable and contractible actuator, such as an electroactive polymer actuator, can be used to pivotally or angularly adjust a position of the stapling mechanism relative to the elongate shaft by delivering energy to the electroactive polymer actuator. In another embodiment, an electroactive polymer actuator can be used to actuate the staple applying assembly, thereby driving one or more staples, and preferably at least two linear rows of staples, into tissue. The actuator can alternatively or additionally drive a blade distally to cut tissue being stapled.



(54) Title of the invention : METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE

(51) International classification

:A61L2/00;  
A61L2/24

(31) Priority Document No

:11/240060

(32) Priority Date

:30/09/2005

(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) ETHICON, INC.**

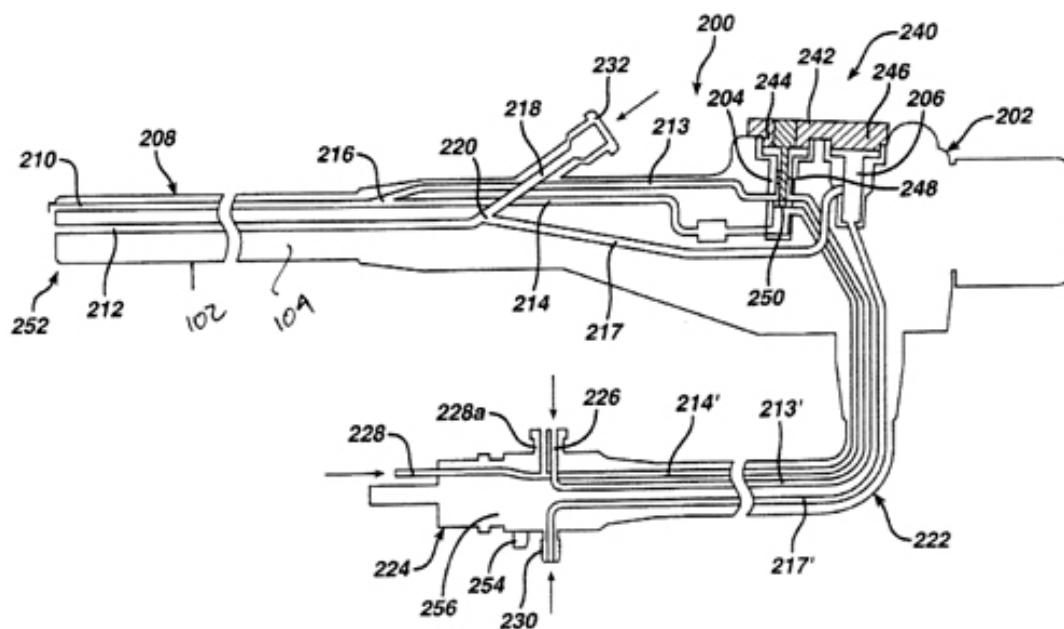
Address of Applicant: Route 22, Somerville, NJ 08876, a New Jersey Corporation U.S.A.

(72)Name of Inventor :

**1)Richard A. Jackson****2)Hal Williams**

(57) Abstract :

A method detects proper connection of a test connection to an endoscope port which leads to an interior space beneath a flexible sheath on an endoscope. Both the interior space and an air buffer are pressurized and then isolated from each other. Pressure in the interior space is vented and the isolation is removed. After the pressure settles out the new pressure is compared with the first pressure. If it has not dropped substantially it is determined that the test connection is not properly attached and the interior space is in fact not being pressurized.

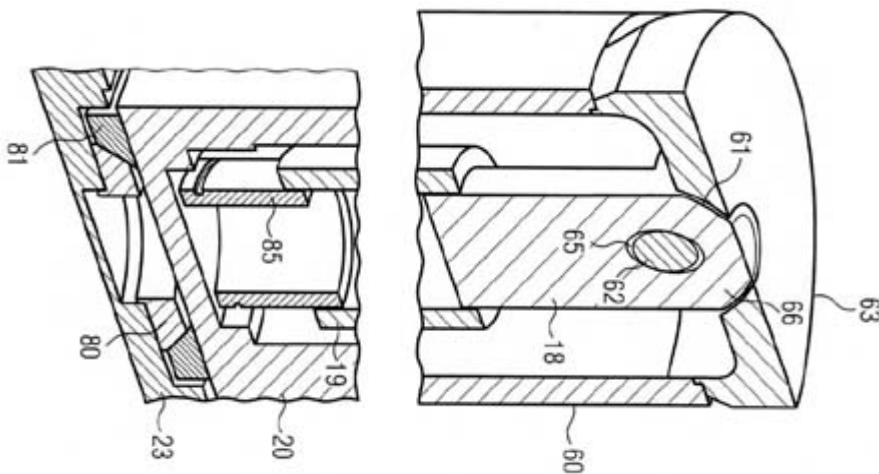


(54) Title of the invention: SPINDLE DRIVE FOR A DIAGNOSTIC AND/OR THERAPEUTIC DEVICE.

|                                               |                                      |                                                                                                                                             |
|-----------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F16H25/20;<br>A61B6/00;<br>A61B6/04 | (71) <b>Name of Applicant :</b><br><b>1)SIEMENS AKTIENGESELLSCHAFT</b><br>Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen Germany |
| (31) Priority Document No                     | :102005048392.5                      | (72) <b>Name of Inventor :</b>                                                                                                              |
| (32) Priority Date                            | :10/10/2005                          | <b>1)TOBIAS HOTH</b>                                                                                                                        |
| (33) Name of priority country                 | :Germany                             | <b>2)PAUL WEIDNER</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 spindle drive for a diagnostic and/or therapeutic device is disclosed. The invention relates to a diagnostic and/or therapeutic device (DT device) . In one embodiment, the DT device includes a component that is supported in a linearly adjustable fashion, and a spindle drive that is designed to adjust the component linearly. Provided in the component and in the remainder of the DT device is one bearing each in which the spindle drive is respectively supported in order to be able to adjust the component linearly relative to the remainder of the DT device. Both bearings are constructed as ball joints. The construction as ball joint enables the axis of the spindle drives to be rotated, for example if the component to be driven should be intended to exert a torque on the spindle drive. By rotating the axis of the spindle drive, it is possible to prevent alignment errors between spindle nut and spindle, and thus attendant wear. A particularly advantageous construction results when use is made of the spindle drive in a patient support apparatus with a double scissor lift unit.



(54) Title of the invention : ERGONOMIC CHAIR ARM

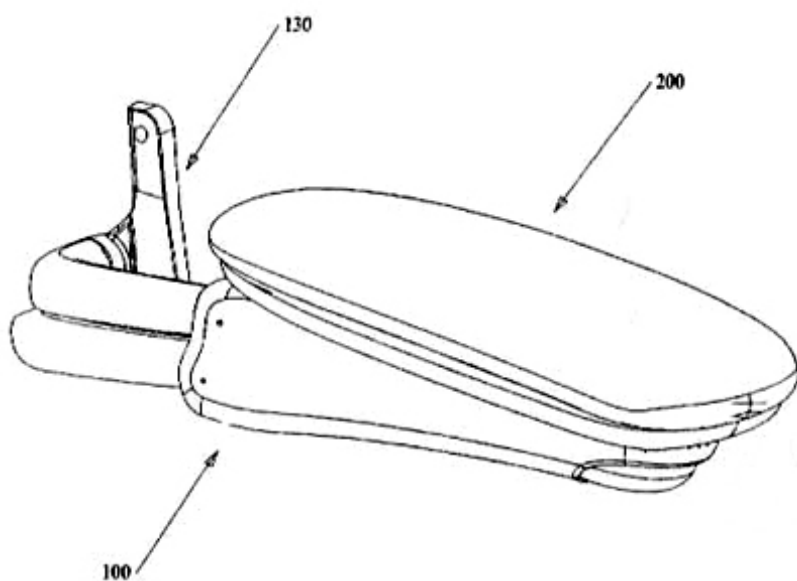
|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A47C1/03          |
| (31) Priority Document No                     | :60/588,114        |
| (32) Priority Date                            | :07/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/023768 |
| Filing Date                                   | :01/07/2005        |
| (87) International Publication No             | :WO 2006/017065    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant:**  
**1)HUMANSIZE CORPORATION**  
 Address of Applicant :220 CIRCLE DRIVE  
 NORTH,PISCATAWAY,NJ 08854 U.S.A.

(72)**Name of Inventor :**  
**1)DIFFRIENT,NIELS**

(57) Abstract :

The invention provides a chair armrest that is variably adjustable to allow a user to assume an ergonomically preferred sitting position. The ergonomic chair armrest comprises, either separately or together, an arm support assembly capable of adjustment to various positions through a vertical plane and an arm pad assembly capable of adjustment to various positions through a horizontal plane. The invention further provides an ergonomic chair having an armrest that is adjustable in both a vertical plane and a horizontal plane.

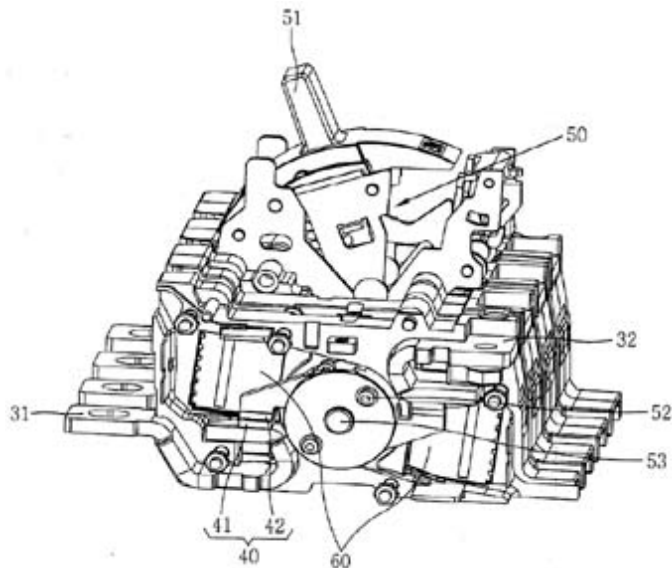


(54) Title of the invention : "MULTI-POLE CIRCUIT BREAKER "

|                                               |                                        |                                                                                                                                                                  |
|-----------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H33/34;<br>H01H33/02;<br>H01H33/28 | (71) <b>Name of Applicant :</b><br><b>1)LS INDUSTRIAL SYSTEMS CO., LTD.</b><br>Address of Applicant :84-11,5 Ga, NAMDAEMUN-RO JUNG-GU<br>SEOUL Republic of Korea |
| (31) Priority Document No                     | :93135/2005                            |                                                                                                                                                                  |
| (32) Priority Date                            | :04/10/2005                            |                                                                                                                                                                  |
| (33) Name of priority country                 | :Republic of<br>Korea                  | (72) <b>Name of Inventor :</b><br><b>1)OH KI-HWAN</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 :

Disclosed is a multi-pole circuit breaker. The multi-pole circuit breaker includes: a substrate disposed between the single pole breaking unit, spaced relatively far from the switching mechanism as compared to the other single pole breaking units among the plurality of single breaking units, and the adjacent single pole breaking unit; a link mechanism rotatably supported on the substrate; and springs having one ends supported by the substrate and the other ends supported by the link mechanism.

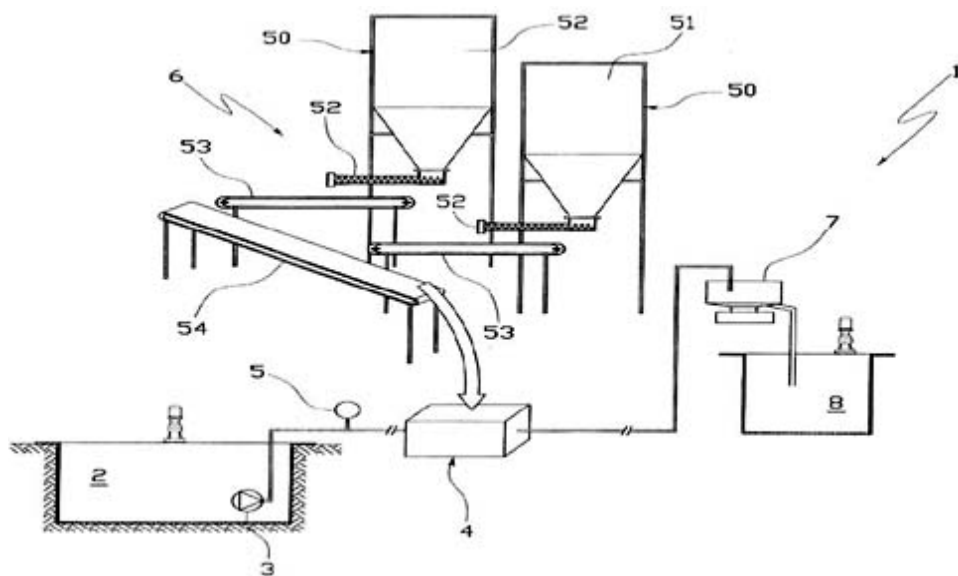


(54) Title of the invention : METHOD AND PLANT FOR CONTINUOUSLY PREPARING COLOURED MATERIALS IN POWDER FORM FOR THE MANUFACTURE OF CERAMIC ARTICLES

|                                               |                         |                                                                 |
|-----------------------------------------------|-------------------------|-----------------------------------------------------------------|
| (51) International classification             | :B28C7/00;<br>B01F15/04 | (71)Name of Applicant :                                         |
| (31) Priority Document No                     | :RE2005A000111          | <b>1)SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA</b> |
| (32) Priority Date                            | :04/10/2005             | Address of Applicant :17/A, VIA SELICE PROVINCIALE,I-40026      |
| (33) Name of priority country                 | :Italy                  | IMOLA (BOLOGNA), Italy                                          |
| (86) International Application No             | :NA                     | (72)Name of Inventor :                                          |
| Filing Date                                   | :NA                     | <b>1)GONNI PAOLO</b>                                            |
| (87) International Publication No             | : NA                    | <b>2)GRAZIANI GIAN PIERO</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 preparing coloured materials in powder form for the manufacture of ceramic articles, comprising the following operative steps:preparing neutral slip; feeding a predetermined quantity of said neutral slip into a liquid-solid mixer (40); feeding a metered quantity of colorant material in powder form into said liquid-solid mixer (40); and mixing together the neutral slip and colorant material in powder form in the liquid-solid mixer (40), to obtain coloured slip.





(54) Title of the invention : METHOD FOR MANUFACTURING A COUPLING

(51) International classification

:B23F1/06;  
:B23F15/00;  
:B23F17/00

(31) Priority Document No

:2005/0482

(32) Priority Date

:04/10/2005

(33) Name of priority country

:Belgium

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

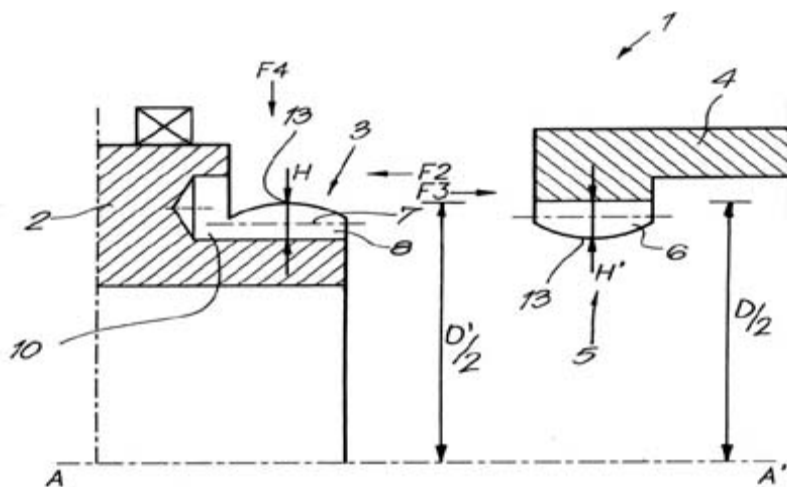
**1)HANSEN TRANSMISSIONS INTERNATIONAL, NAAMLOZE  
VENNOOTSCHAP**Address of Applicant :LEONARDO DA VINCILAAN 1,B-2650  
EDEGEM Belgium

(72)Name of Inventor :

**1)LEIMANN DIRK, OLAF**

(57) Abstract :

Method for manufacturing a coupling (1) of the type which mainly consists of a male part (2) and a female part (4), which are respectively provided with an axially extending outer tothing (3) and a complementary inner tothing (5), whereby both parts (2,4) can be axially shifted in relation to each other with their tothings (3,5), characterized in that it at least consists in making the tothing (5) of one of the parts (4) cylindrical and in realizing the grooves (8) between the outer tothings (3) of the male part (2) with a tool with which a female cylindrical shape (8) can be made, such as for example a drill or a cutter.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1015/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :03/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHODS FOR PROVIDING OXIDATIVELY STABLE OPHTHALMIC COMPOSITIONS

|                                               |                                         |                                                                                                                                                                                                             |
|-----------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/4365;<br>A61L2/04;<br>A61P27/14 | (71) <b>Name of Applicant:</b><br><b>1)JOHNSON &amp; JOHNSON VISION CARE, INC.,</b><br>Address of Applicant :7500 CENTURION PARKWAY,SUITE 100<br>JACKSONVILLE,FLORIDA 32256 A FLORIDA CORPORATION<br>U.S.A. |
| (31) Priority Document No                     | :11/241313                              |                                                                                                                                                                                                             |
| (32) Priority Date                            | :30/09/2005                             |                                                                                                                                                                                                             |
| (33) Name of priority country                 | :U.S.A.                                 |                                                                                                                                                                                                             |
| (86) International Application No             | :NA                                     | (72) <b>Name of Inventor :</b>                                                                                                                                                                              |
| Filing Date                                   | :NA                                     | <b>1)Azaam Alli</b>                                                                                                                                                                                         |
| (87) International Publication No             | : NA                                    | <b>2)Shivkumar Mahadevan</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 improving the stability of an ophthalmically compatible solution comprising at least one oxidatively unstable ophthalmic compound.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1016/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :03/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHODS FOR STABALIZING OPHTHALMIC COMPOSITIONS

|                                               |                                       |                                                                                                                                                                                                           |
|-----------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K47/30;<br>A61L2/16;<br>A61L12/08 | (71) <b>Name of Applicant:</b><br><b>1) JOHNSON &amp; JOHNSON VISION CARE, INC.,</b><br>Address of Applicant :7500 Centurion Parkway,Suite 100 Jacksonville,<br>Florida 32256, Florida Corporation U.S.A. |
| (31) Priority Document No                     | :11/240930                            |                                                                                                                                                                                                           |
| (32) Priority Date                            | :30/09/2005                           |                                                                                                                                                                                                           |
| (33) Name of priority country                 | :U.S.A.                               | (72) <b>Name of Inventor :</b>                                                                                                                                                                            |
| (86) International Application No             | :NA                                   | <b>1)Azaam Alli</b>                                                                                                                                                                                       |
| Filing Date                                   | :NA                                   | <b>2)Shivkumar Mahadevan</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 comprising stabilizing,during autoclaving, an oxidatively unstable ophthalmic compound dissolved in an ophthalmic solution by incorporating a stabilizing effective amount of at least one electron rich polymer in said ophthalmic solution.

(54) Title of the invention : ELECTROACTIVE POLYMER-BASED ARTICULATION MECHANISM FOR CIRCULAR STAPLER

(51) International classification

:A61B17/072;

A61B17/068

(31) Priority Document No

:11/162989

(32) Priority Date

:30/09/2005

(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)ETHICON ENDO-SURGERY, INC.,**

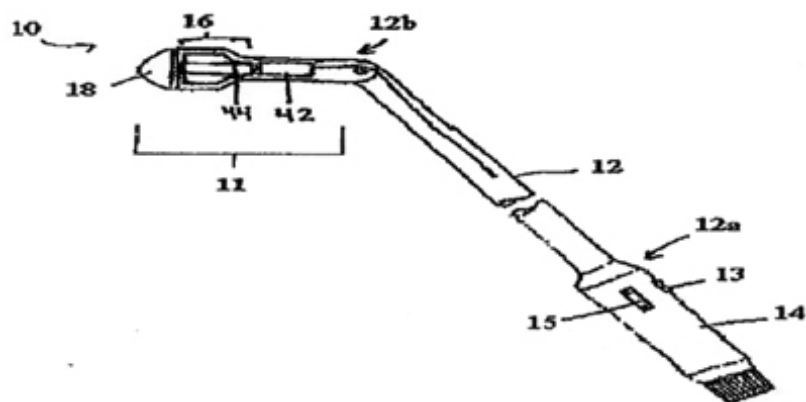
Address of Applicant :4545 Creek Road, Cincinnati, OH 45242 Ohio Corporation U.S.A.

(72)Name of Inventor :

**1)Mark S. Ortiz****2)Fredrick E. Shelton IV****3)Joseph C. Hueil****4)Jeffrey S. Swayze**

(57) Abstract :

Methods and devices are provided for actuating and/or articulating a circular stapler. In one exemplary embodiment, a circular stapler is provided having an elongate shaft with a stapling apparatus coupled thereto. An electrically expandable and contractible actuator, such as an electroactive polymer actuator, can be used to pivotally or angularly adjust a position of the stapling apparatus relative to the elongate shaft by delivering energy to the electroactive polymer actuator. In another embodiment, an electroactive polymer actuator can be used to actuate the stapling apparatus, thereby driving one or more staples, preferably in a substantially curved pattern, into tissue. The actuator can alternatively or additionally drive a blade distally to cut tissue being stapled.



## (54) Title of the invention : WATERPROOF AND BREATHABLE SOLE FOR SHOES

(51) International classification :A43B7/12  
 (31) Priority Document No :PD2004A000208  
 (32) Priority Date :30/07/2004  
 (33) Name of priority country :Italy  
 (86) International Application No :PCT/EP2005/008064  
 Filing Date :25/07/2005  
 (87) International Publication No :WO 2006/010578  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

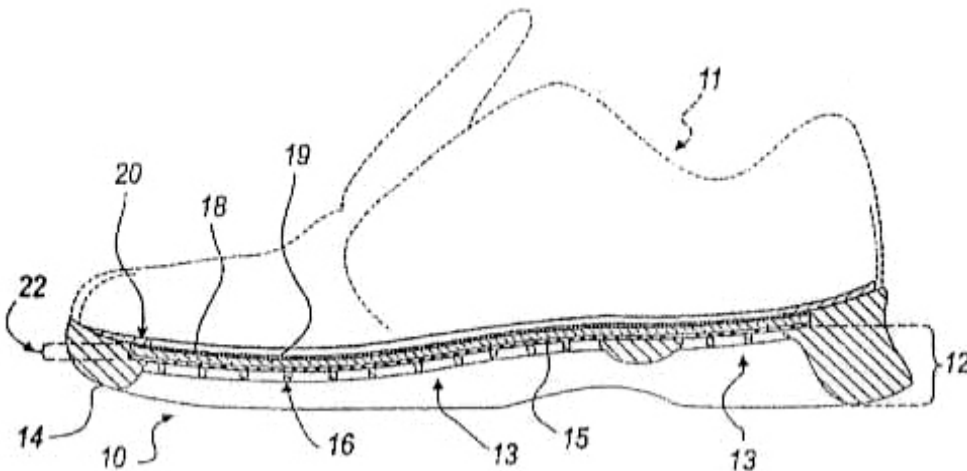
**1)GEOX S.P.A.**Address of Applicant :VIA FELTRINA CENTRO,16 I-31044  
MONTEBELLUNA, LOCALITA BIADENE-(TREVISO) Italy

## (72)Name of Inventor :

**1)MARIO POLEGATO MORETTI**

## (57) Abstract :

A waterproof and breathable sole (10, 100, 200, 300) for shoes, which has a structure that comprises a lower layer (12, 112, 212, 312), which has at least one large through hole (13, 113, 313). Above the lower layer (12,112, 212, 312), there is a mesh (15, 115, 315), arranged substantially so as to overlap at least the large through hole (13,113, 313). A membrane (18,118, 318) made of a material that is impermeable to water and permeable to water vapor is associated in an upward region with respect to the mesh (15,115, 315) at least at the large hole (13,113, 313). The membrane (18,118, 318) is joined hermetically at least perimetrically to at least one component of the sole (10,100,200,300) in such a manner as to avoid the rise of liquids through the perimeter of the large hole (13, 113, 313). A perforated upper layer (20, 120, 320) is arranged above the membrane (18, 118, 318). The lower layer (12,112, 212,312) is overmoulded on the mesh (15,115,315) and partially incorporates it.



(54) Title of the invention : CIRCULATING FLUIDIZED BED REACTOR WITH A CONVERTIBLE COMBUSTION METHOD

(51) International classification

:F22B37/26;

F22B37/00

:0553050

:07/10/2005

:France

:NA

:NA

: NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

**1)ALSTOM TECHNOLOGY LTD.**

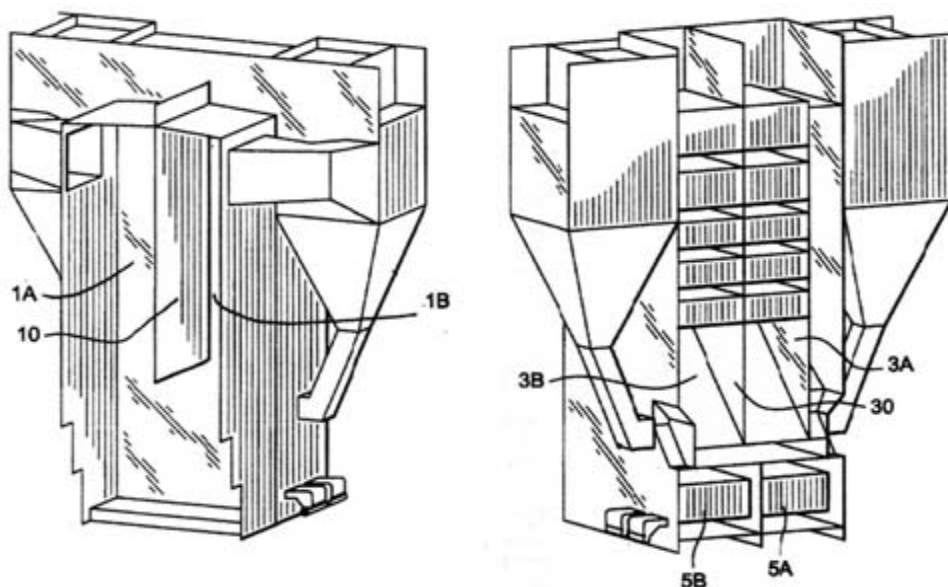
Address of Applicant :Brown Boveri Strasse 7 5400 Baden, Switzerland

(72)Name of Inventor :

**1)Jean-Xavier Morin****2)Corinne Beal****3)Silvestre Suraniti****4)Emmanuel Flores****5)Daniel Baglione**

(57) Abstract :

The invention relates to a circulating fluidized bed reactor designed to be fed with air and convertible to operate with an oxygen-rich mixture, comprising a reaction chamber (1) horizontally bounded by vertical walls, at least two centrifugal separators (2A, 2B) and a heat recovery element called a heat exchanger cage (3), a reactor also comprising means for introducing a fluidization gas into the reaction chamber using at least one wind box (4) placed under the reaction chamber, and for maintaining a circulating fluidized bed of particles in said chamber, means for transferring gas which must be dedusted from the chamber to the separators, means for discharging the particles separated from the separators and means for transferring the dust-free gases from the separators to the exchanger cage. According to the invention: -said reaction chamber comprises at least one partially internal vertical partition wall (10) forming two subchambers (1A, 1B) communicating together and each communicating with at least one separator, -said exchanger cage (3) comprises a partially internal vertical partition wall (30) forming two subcages (3A, 3B) communicating together and each communicating with at least one separator, these partition walls being arranged in order to create a passage for the flow of the flue gases into one of said subchambers and into one of said subcages corresponding to operation by oxygen feed in the reaction chamber.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1028/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :05/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR FORMING CONTACT LENSES COMPRISING THERAPEUTIC AGENTS

(51) International classification

:B29D11/00

(31) Priority Document No

:11/246771

(32) Priority Date

:07/10/2005

(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)JOHNSON & JOHNSON VISION CARE,INC.,**

Address of Applicant :7500 centurion Parkway,suite 100

Jacksonville,Florida 32256, Florida Corporation, United States of America.

(72)Name of Inventor :

**1)P.Mark powell**

**2)Thomas R. Rooney**

**3)Holly L. Grammer**

**4)Osman Rathore**

**5)W.Anthony Martin**

**6)Ranganath Raja**

**7)Shivkumar Mahadevan**

(57) Abstract :

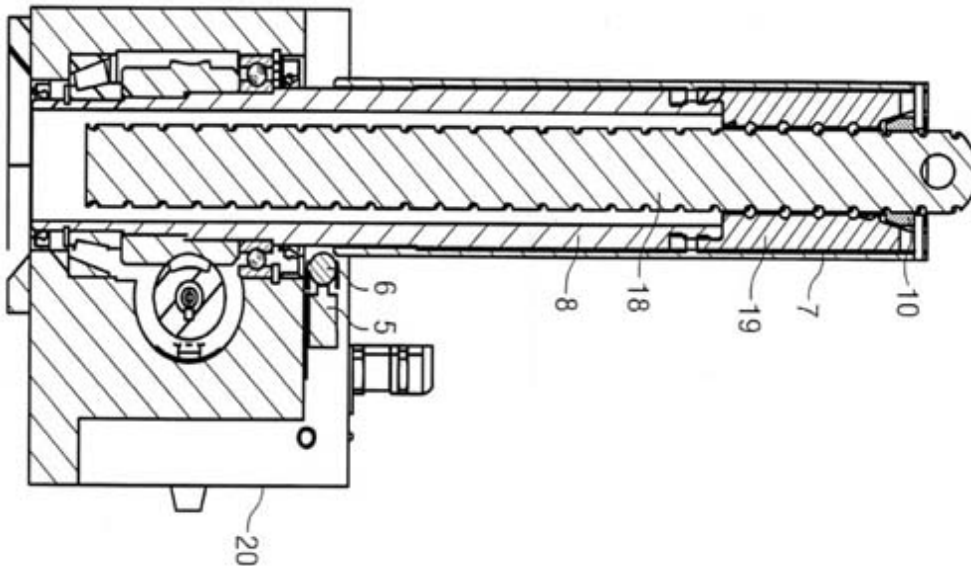
The present invention relates to a process comprising (a) dosing a reactive mixture comprising at least one cross linkable prepolymer into a mold; (b) curing said reactive mixture to form a medical device; (c) contacting, said medical device with no more than about 500 ml of solution per medical device; and (d) incorporating, prior to or during said contacting step (c), at least one therapeutic agent.

(54) Title of the invention : SPINDLE DRIVE FOR DIAGNOSTIC OR THERAPEUTIC DEVICE

|                                               |                                      |                                                                                                                                             |
|-----------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F16H25/20;<br>A61B6/00;<br>A61B6/04 | (71) <b>Name of Applicant :</b><br><b>1)SIEMENS AKTIENGESELLSCHAFT</b><br>Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen Germany |
| (31) Priority Document No                     | :102005048394.1                      | (72) <b>Name of Inventor :</b>                                                                                                              |
| (32) Priority Date                            | :10/10/2005                          | <b>1)TOBIAS HOTH</b>                                                                                                                        |
| (33) Name of priority country                 | :Germany                             | <b>2)PAUL WEIDNER</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 invention relates to a spindle drive for a diagnostic or therapeutic device. In an advantageous embodiment, the spindle drive comprises a drive (20) , a spindle nut (19) driven by the drive (20), a spindle (18) circled by the spindle nut (19), and a catch nut (10) . The catch nut (10) is constructed such that, while the spindle nut (19) is intact, it is not in mutual engagement with the spindle (18) and assumes a predefined distance to the drive (20) . If the spindle nut (19) fails, however, it is brought by axial movement of the spindle (18) into mutual engagement with the spindle (18). Further, a switching element is included, which is fixedly connected to the catch nut (10) . The catch nut (10) can be moved axially within predefined motional limits. In addition, an emergency off switch (5) is included, which can be activated by a switching sensor, the switching element actuating the switching sensor when the catch nut (10) is moved axially relative to the drive (20) by axial movement of the spindle (18).





## (54) Title of the invention : REACTIVE POLYAZO DYES

(51) International classification :C09B62/01;C09B62/44  
 (31) Priority Document No :10 2004 049 092.9  
 (32) Priority Date :08/10/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/055027  
 Filing Date :05/10/2005  
 (87) International Publication No :WO 2006/040285  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

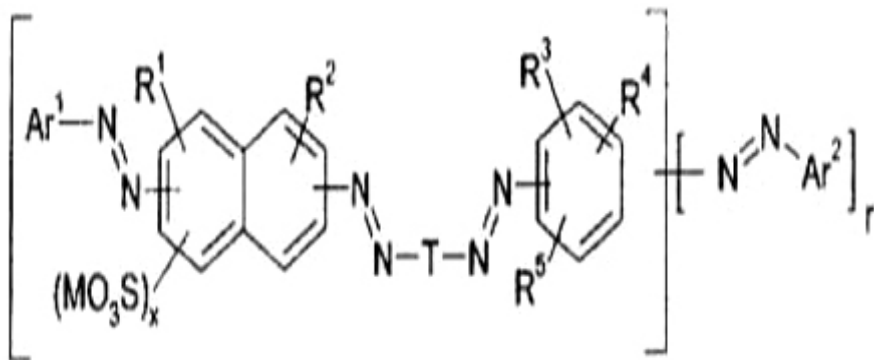
**1)DYSTAR TEXTILFARBEN GMBH & CO.DEUTSCHLAND KG**Address of Applicant :INDUSTRIEPARK HOCHST,GEBAUDE B 598  
65926 FRANKFURT AM MAIN, Germany

## (72)Name of Inventor :

**1)GORLTIZ,GUNTER****2)KLINGENMEIER,HORST**

## (57) Abstract :

The present invention relates to polyazo dyes of the general formula I where the variables are each as defined in claim 1, processes for their preparation and their use for dyeing or printing hydroxyl- and/or carboxamido-containing materials.



(54) Title of the invention : FAULTY LIFTER OIL MANIFOLD ASSEMBLY SOLENOID DIAGNOSTIC SYSTEM

(51) International classification

:F02D17/02;  
F02D17/00

(31) Priority Document No

:11/290,005

(32) Priority Date

:30/11/2005

(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:

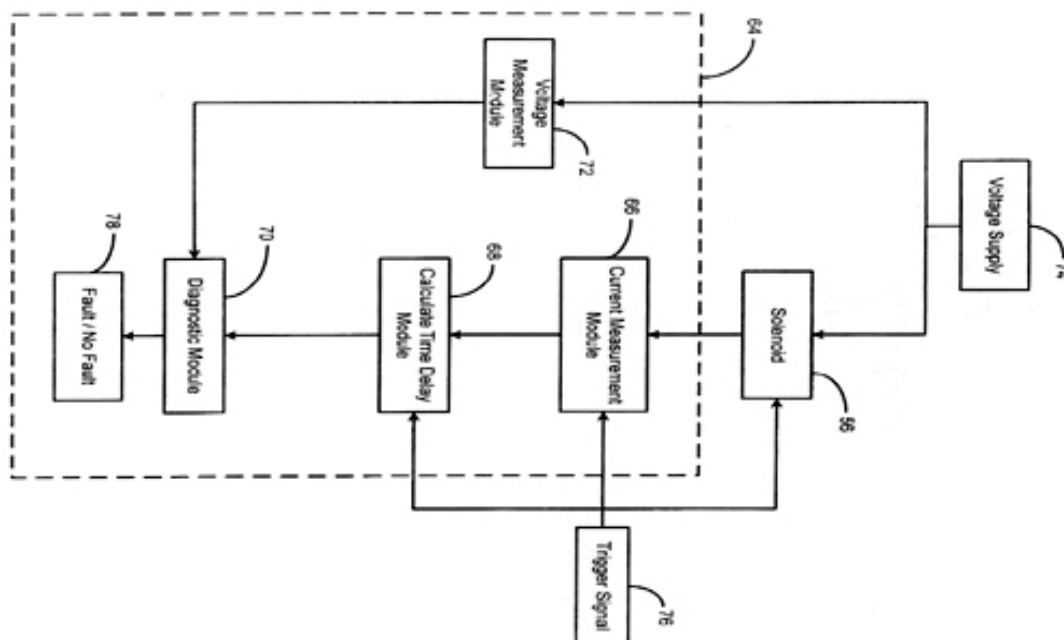
**1) GM GLOBAL TECHNOLOGY OPERATION INC.**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)MIKE M. MC DONALD****2)WILLIAM C. ALBERTSON****3)CHERYL A WILLIAMS**

(57) Abstract :

A diagnostic system that detects a faulty lifter oil manifold assembly solenoid includes a current measurement module, a time delay module, a voltage measurement module, and a diagnostic module. The current measurement module measures current flowing through the solenoid when a trigger signal is enabled. The time delay module determines a time delay based on the measured current. The voltage measurement module measures a supply voltage that powers the solenoid. The diagnostic module determines whether the solenoid is faulty based on the time delay and supply voltage.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :10/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : AMIDE CONTAINING POLYMERS FOR RHEOLOGY CONTROL

|                                               |                                          |                                                                                                                          |
|-----------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C08G69/34;<br>C07C233/36;<br>C07C233/38 | (71) <b>Name of Applicant :</b><br><b>1)BYK-CHEMIE GMBH</b><br>Address of Applicant :Abelstrasse 45 46483 Wesel, Germany |
| (31) Priority Document No                     | :102005049301.7                          | (72) <b>Name of Inventor :</b>                                                                                           |
| (32) Priority Date                            | :12/10/2005                              | <b>1)Karlheinz HAUBENNESTEL</b>                                                                                          |
| (33) Name of priority country                 | :Germany                                 | <b>2)Dr.Stefan MOESSMER</b>                                                                                              |
| (86) International Application No             | :NA                                      | <b>3)Dr.Ulrich ORTH</b>                                                                                                  |
| Filing Date                                   | :NA                                      | <b>4)Daniela BETCKE</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 :

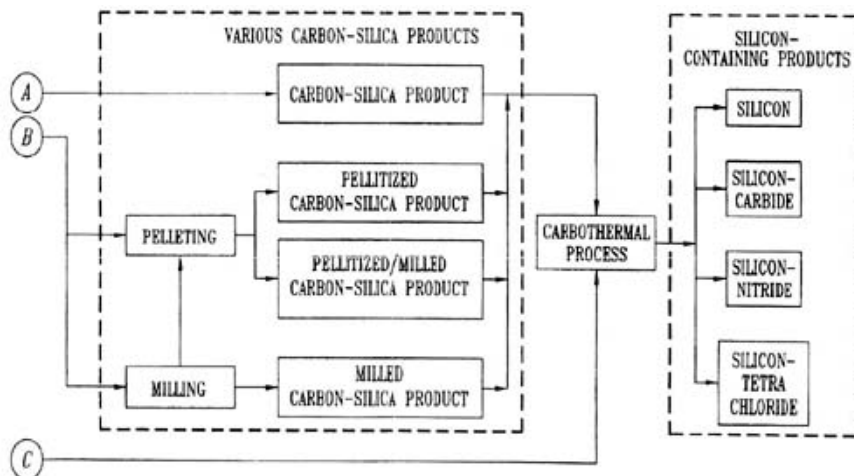
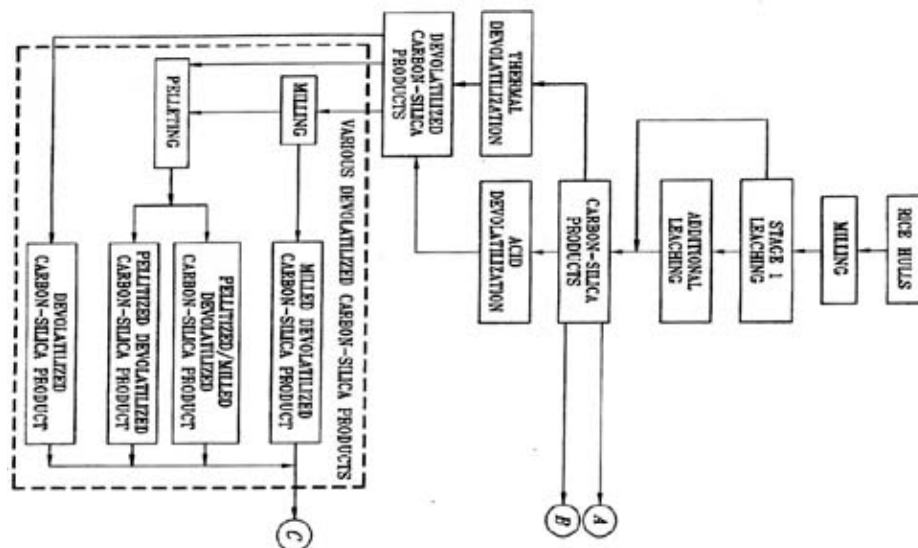
The invention relates to amide-containing polymers of the general formula (I) A-X-CO- (CH<sub>2</sub>)<sub>2</sub>-NR<sub>1</sub>-R<sub>2</sub>- [Y-R<sub>3</sub>-Y-R<sub>4</sub>]<sub>a</sub>-B (I) and also their salts with carboxylic acids, phosphoric esters and sulphonic acids. The invention further relates to processes for preparing the amide-containing polymers and to their use as rheology control agents.

|                                               |                                        |                                                                                                                                              |
|-----------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C01B31/36;<br>B01J20/10;<br>C01B33/00 | (71) <b>Name of Applicant :</b><br><b>1)SI OPTIONS, LLC</b><br>Address of Applicant :3401 LEE PARKWAY, SUITE 102, DALLAS<br>TX 75219, U.S.A. |
| (31) Priority Document No                     | :11/248,368                            |                                                                                                                                              |
| (32) Priority Date                            | :12/10/2005                            |                                                                                                                                              |
| (33) Name of priority country                 | :U.S.A.                                | (72) <b>Name of Inventor :</b>                                                                                                               |
| (86) International Application No             | :NA                                    | <b>1)HINMAN, NORMAN, D.</b>                                                                                                                  |
| Filing Date                                   | :NA                                    | <b>2)WYMAN, CHARLES, E.</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                                    |                                                                                                                                              |

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(57) Abstract :

Silicon-containing products, such as silicon, silicon carbide and silicon nitride, containing less than 0.01 weight percent total mineral impurities and selectively determined carbon-to-silicon ratios. The products are derived from plant matter, such as rice hulls and rice straw, containing at least three weight percent silica. Methods are provided for making such high purity silicon-containing products by leaching silica-containing plant matter with aqueous sulfuric acid under controlled temperatures, pressures and reaction times to remove minerals and metals while adjusting the mole ratio of fixed carbon to silica, and then thermally treating under controlled conditions to produce the desired product.

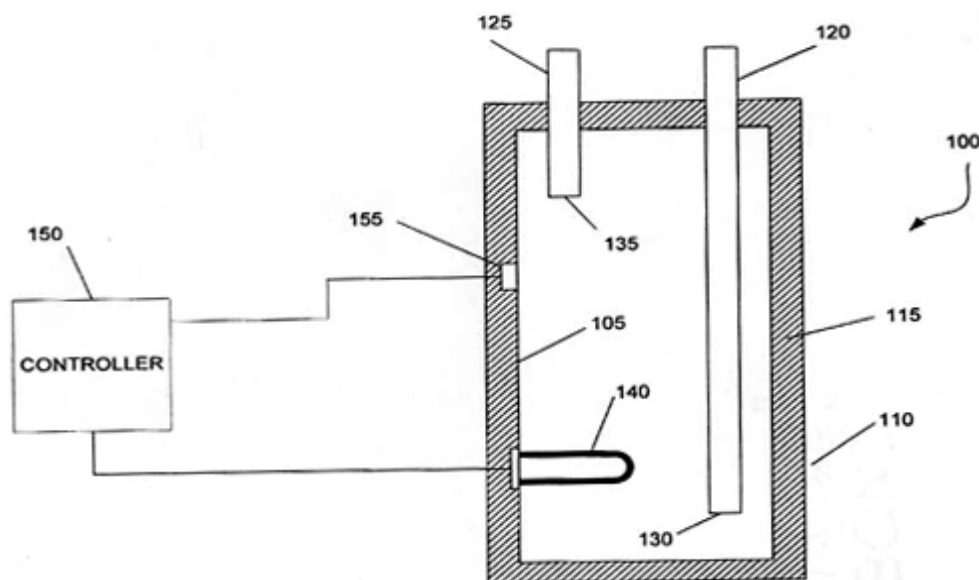


(54) Title of the invention : FLUID-HEATING APPARATUS AND METHODS OF OPERATING THE SAME

|                                               |                 |                                                       |
|-----------------------------------------------|-----------------|-------------------------------------------------------|
| (51) International classification             | :H05B1/02       | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :200510094932.8 | <b>1)A.O.SMITH (CHINA) WATER HEATER COMPANY, LTD.</b> |
| (32) Priority Date                            | :21/10/2005     | Address of Applicant :NANJING, CHINA                  |
| (33) Name of priority country                 | :China          | (72) <b>Name of Inventor :</b>                        |
| (86) International Application No             | :NA             | <b>1)DING WEI</b>                                     |
| Filing Date                                   | :NA             | <b>2)QIU BU</b>                                       |
| (87) International Publication No             | : NA            | <b>3)JU PING</b>                                      |
| (61) Patent of Addition to Application Number | :NA             | <b>4)WAN HUAXIN</b>                                   |
| Filing Date                                   | :NA             |                                                       |
| (62) Divisional to Application Number         | :NA             |                                                       |
| Filing Date                                   | :NA             |                                                       |

(57) Abstract :

Systems and methods of heating an accurate quantity of a fluid. A determination is made that an event in which a relatively large quantity of hot water is used has occurred. One or more temperatures are sensed. An increase in a temperature set point is made if the sensed temperatures indicate a shortage of hot water for the event. A decrease in the temperature set point is made if the sensed temperatures indicate an excess of hot water was available for the event. No change is made to the temperature set point if the quantity of hot water available for the event was appropriate.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1038/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :11/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPOSITIONS COMPRISING POLYMERIC EMULSIFIERS AND METHODS OF USING THE SAME

|                                               |                                      |                                                                                                                                                                         |
|-----------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61P17/16;<br>A61K8/06;<br>A61K8/25 | (71) <b>Name of Applicant:</b><br><b>1) JOHNSON &amp; JOHNSON CONSUMER COMPANIES, INC</b><br>Address of Applicant :Grandview Road, Skillman, NEW Jersey 08558<br>U.S.A. |
| (31) Priority Document No                     | :11/257,297                          |                                                                                                                                                                         |
| (32) Priority Date                            | :24/10/2005                          |                                                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.                              | (72) <b>Name of Inventor :</b>                                                                                                                                          |
| (86) International Application No             | :NA                                  | <b>1)Joseph J. LiBrizzi</b>                                                                                                                                             |
| Filing Date                                   | :NA                                  | <b>2)Anthony J. Cossa</b>                                                                                                                                               |
| (87) International Publication No             | : NA                                 | <b>3)Elizabeth Edwards</b>                                                                                                                                              |
| (61) Patent of Addition to Application Number | :NA                                  | <b>4)Deborah Bussey</b>                                                                                                                                                 |
| Filing Date                                   | :NA                                  |                                                                                                                                                                         |
| (62) Divisional to Application Number         | :NA                                  |                                                                                                                                                                         |
| Filing Date                                   | :NA                                  |                                                                                                                                                                         |

(57) Abstract :

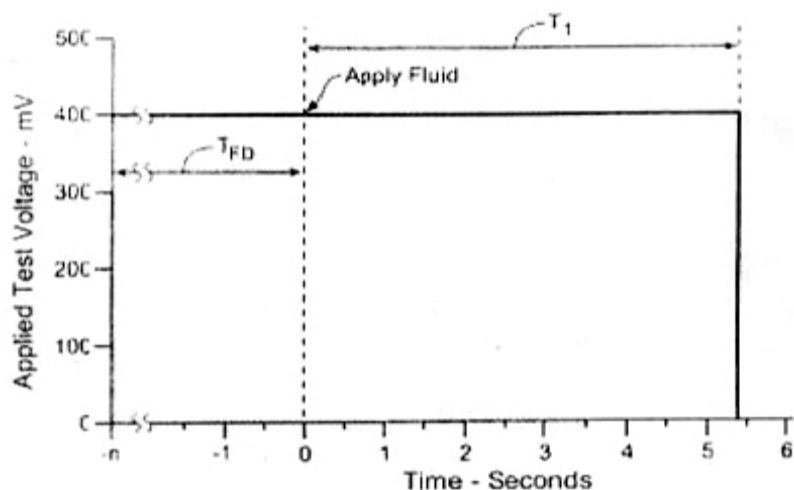
Provided are oil-in-water sunscreen compositions comprising inorganic sunscreens and polymeric emulsifiers that are substantially free of hydrophobic modification, and methods of using the same.

(54) Title of the invention : A SYSTEM AND METHOD OF PROCESSING A CURRENT SAMPLE FOR CALCULATING A GLUCOSE CONCENTRATION

|                                               |             |                                                                        |
|-----------------------------------------------|-------------|------------------------------------------------------------------------|
| (51) International classification             | :C12Q1/54   | (71)Name of Applicant:                                                 |
| (31) Priority Document No                     | :11/252,216 | <b>1) LEFESCAN, INC.</b>                                               |
| (32) Priority Date                            | :17/10/2005 | Address of Applicant: 1000 Gibraltar Drive Milpitas, California 95035- |
| (33) Name of priority country                 | :U.S.A.     | 6312 U.S.A.                                                            |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                                 |
| Filing Date                                   | :NA         | <b>1)Ulrich Kraft</b>                                                  |
| (87) International Publication No             | : NA        | <b>2)James Christol</b>                                                |
| (61) Patent of Addition to Application Number | :NA         | <b>3)Manfred Ebner</b>                                                 |
| Filing Date                                   | :NA         |                                                                        |
| (62) Divisional to Application Number         | :NA         |                                                                        |
| Filing Date                                   | :NA         |                                                                        |

(57) Abstract :

A system and method of processing a test current for analyte measurement in a fluid using a test strip and a test meter are disclosed. The method comprises sampling the test current at a pre-determined sampling rate to acquire a plurality of A/D conversions. The method also comprises filtering out at least a highest magnitude A/D conversion and a lowest magnitude A/D conversion leaving a plurality of accepted A/D conversions. Further, the method comprises calculating an average or summation of the plurality of accepted A/D conversions and converting the average or the summation into a glucose concentration.



(54) Title of the invention : ELECTRONIC STORAGE CARTRIDGE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G11B17/03         |
| (31) Priority Document No                     | :60/586,087        |
| (32) Priority Date                            | :06/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/020966 |
| Filing Date                                   | :14/06/2005        |
| (87) International Publication No             | :WO 2006/014221    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

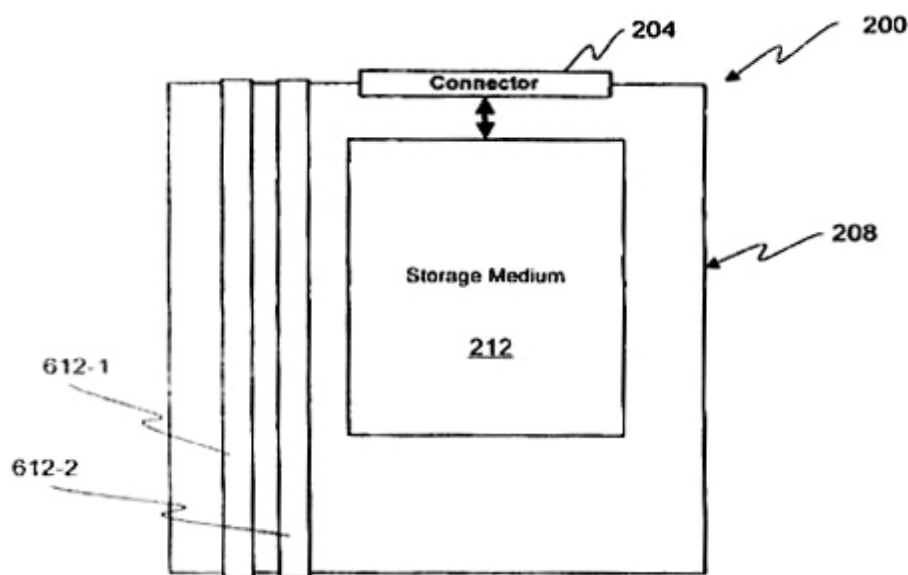
**1)PROSTOR SYSTEMS,INC.**Address of Applicant :5555,CENTRAL AVENUE SUITE 100  
,BOULDER,COLORADO 80301 U.S.A.

(72)Name of Inventor :

**1)GEORGIS,STEVEN,P.**

(57) Abstract :

According to the invention, an electronic data storage cartridge for removable coupling to a computing system is disclosed. The electronic data storage cartridge includes a cartridge body, a connector, an optical waveguide, and a hard disk drive. The cartridge body includes at least two outer surfaces. The connector can be used for removable coupling to the computing system, where the connector couples information outside the cartridge body. The optical waveguide is configured to couple light between the two outer surfaces. The hard drive coupled to the connector.





(54) Title of the invention: INTEGRATED LANCE AND STRIP FOR ANALYTE MEASUREMENT.

(51) International classification

:A61B5/151;

A61B10/00;

A61B5/15

(31) Priority Document No

:11/251,189

(32) Priority Date

:14/10/2005

(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) LIFESCAN INC.**

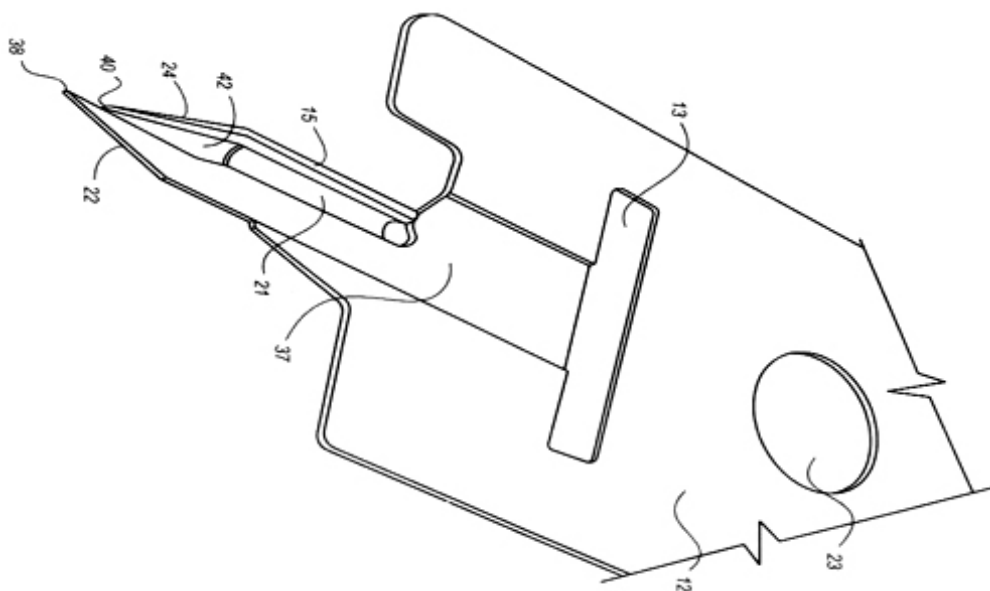
Address of Applicant :1000 Gibraltar Drive,Milpitas,CA 95035. U.S.A.

(72)Name of Inventor :

**1)John J.ALLEN**

(57) Abstract :

The present invention relates, in general, to lancing elements for use in drawing bodily fluids out of a patient and, more particularly, to an improved lancing element including first and second elements positioned relative to each other such that an incision formed by the first element is held open by the second element and bodily fluids are pulled up the lancing element by surface tension on the first and second lancing elements.



(54) Title of the invention : METHOD OF STARTING A HYBRID VEHICLE

(51) International classification

:F02N17/00;  
H02P9/04

(31) Priority Document No

:11/285,139

(32) Priority Date

:21/11/2005

(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

---

(57) Abstract :

**(71)Name of Applicant:**

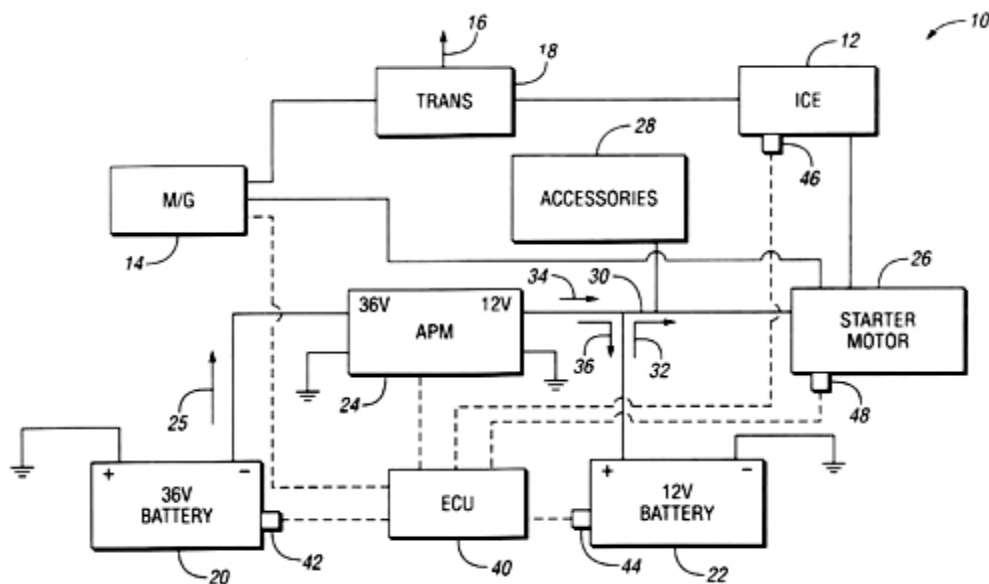
1) GM GLOBAL TECHNOLOGY OPERATION INC

Address of Applicant :300 GM Renaissance Center Detroit,Michigan  
48265-3000 U.S.A.

**(72)Name of Inventor :**

**1)GORO TAMAI**

**2) WILLIAM L ALDRICH III**



(54) Title of the invention : METHODS AND COMPOSITIONS FOR EPILATION

|                                               |                                        |                                                                                                                                      |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K8/92;<br>A61K9/107;<br>A61K31/167 | (71) <b>Name of Applicant :</b><br><b>1)McNeil-PPC, INC.</b><br>Address of Applicant :GRANDVIEW ROAD, SKILLMAN, NJ 08558-9418 U.S.A. |
| (31) Priority Document No                     | :11/260,769                            |                                                                                                                                      |
| (32) Priority Date                            | :27/10/2005                            |                                                                                                                                      |
| (33) Name of priority country                 | :U.S.A.                                | (72) <b>Name of Inventor :</b>                                                                                                       |
| (86) International Application No             | :NA                                    | <b>1)JIM TANERI</b>                                                                                                                  |
| Filing Date                                   | :NA                                    | <b>2)YI HSIN CHANG</b>                                                                                                               |
| (87) International Publication No             | : NA                                   | <b>3)RAFAEL AKYUZ</b>                                                                                                                |
| (61) Patent of Addition to Application Number | :NA                                    | <b>4)SUSAN GOLDSBERRY</b>                                                                                                            |
| Filing Date                                   | :NA                                    |                                                                                                                                      |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                      |
| Filing Date                                   | :NA                                    |                                                                                                                                      |

(57) Abstract :

A method of preparing a body surface for epilation is provided. The method includes, prior to said epilation, applying to the body surface a composition that is adapted to leave a powder residue on the body surface. The composition includes a fluid vehicle Compositions of the present invention may include an insoluble solid, a fluid vehicle, and an analgesic.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1043/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :11/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHODS AND COMPOSITIONS FOR EPILATION

|                                               |                                      |                                                                                                                                      |
|-----------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61Q9/00;<br>A61K8/92;<br>A61P23/02 | (71) <b>Name of Applicant :</b><br><b>1)McNeil-PPC, INC.</b><br>Address of Applicant :GRANDVIEW ROAD, SKILLMAN, NJ 08558-9418 U.S.A. |
| (31) Priority Document No                     | :11/260,697                          | (72) <b>Name of Inventor :</b>                                                                                                       |
| (32) Priority Date                            | :27/10/2005                          | <b>1)JIM TANERI</b>                                                                                                                  |
| (33) Name of priority country                 | :U.S.A.                              | <b>2)YI HSIN CHANG</b>                                                                                                               |
| (86) International Application No             | :NA                                  | <b>3)RAFAEL AKYUZ</b>                                                                                                                |
| Filing Date                                   | :NA                                  | <b>4)SUSAN GOLDSBERRY</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 :

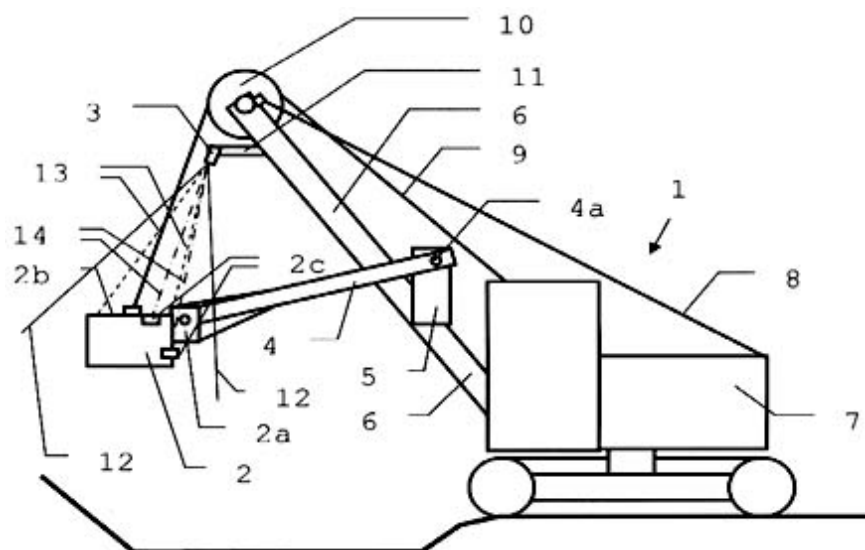
A method of preparing a body surface for epilation is provided. The method includes, prior to said epilation, applying to the body surface a composition that is adapted to leave a powder residue on the body surface. The composition includes a fluid vehicle Compositions of the present invention may include an insoluble solid, a fluid vehicle, and an analgesic.

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING THE LOADING OF A BUCKET

|                                               |                                       |                                                                                                                                                        |
|-----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G01G19/08;<br>E02F3/60;<br>G01G19/14 | (71)Name of Applicant :<br><b>1)LEICA GEOSYSTEMS AG</b><br>Address of Applicant :HEINRICH-WILD-STRASSE, CH-9435,<br>HEERBRGG, SWITZERLAND, Switzerland |
| (31) Priority Document No                     | :2005227398                           | (72)Name of Inventor :                                                                                                                                 |
| (32) Priority Date                            | :28/10/2005                           | <b>1)AEBISCHER, BEAT</b>                                                                                                                               |
| (33) Name of priority country                 | :Australia                            | <b>2)BRAUNECKER, BERNHARD</b>                                                                                                                          |
| (86) International Application No             | :NA                                   | <b>3)GREENWOOD, KEVIN</b>                                                                                                                              |
| Filing Date                                   | :NA                                   | <b>4)STEGMAIER, PETER</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:

For determining the load of an excavator bucket (2), or optionally of another holding region, a measurement step and an evaluation step are carried out. In the measurement step, the position of a load surface is determined by means of a no contact distance-measuring device and, in the evaluation step, a load volume is determined from the position of the load surface and the position and shape of the excavator bucket (2) or of the holding region. For determining the position of the load surface, at least one two-dimensional matrix with distance values is created by means of a distance-measuring camera (3). For determining the position of the excavator bucket (2), the distances to at least three points of the excavator bucket (2), in particular to points on the upper bucket edge (2b), optionally to marked points (2c) are determined using the distance-measuring apparatus for determining the surface. The load of the excavator bucket (2), or optionally of another holding region, can be determined with little effort and with great accuracy.

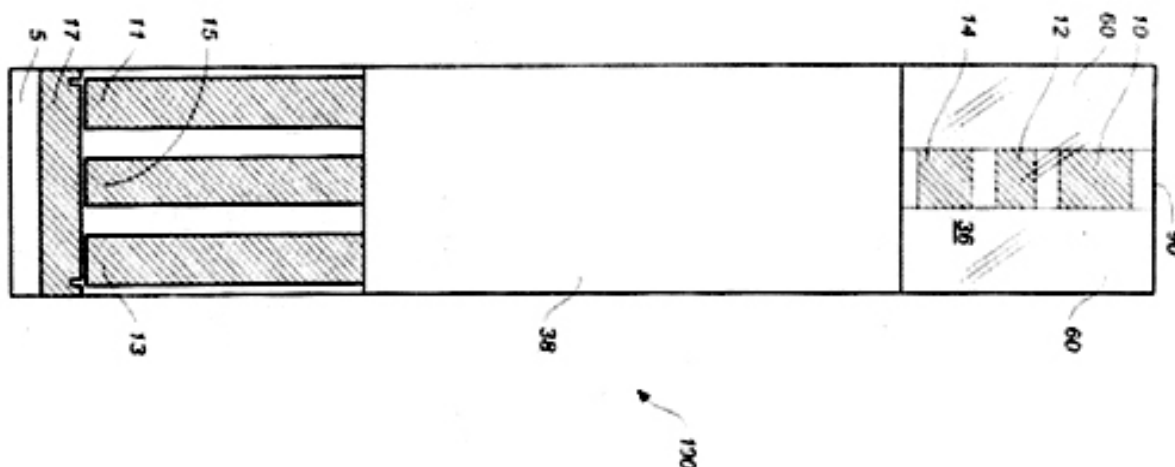


(54) Title of the invention : METHODS FOR MEASURING PHYSIOLOGICAL FLUIDS

|                                               |                                         |                                                                                                                                                    |
|-----------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G01N27/49;<br>G01N33/487;<br>G01N27/49 | (71) <b>Name of Applicant :</b><br><b>1)LIFESCAN, INC</b><br>Address of Applicant :1000 GIBRALTAR DRIVE, MILPITAS,<br>CALIFORNIA 95035-6312 U.S.A. |
| (31) Priority Document No                     | :11/252,296                             | (72) <b>Name of Inventor :</b>                                                                                                                     |
| (32) Priority Date                            | :17/10/2005                             | <b>1)NELL ROBERTS</b>                                                                                                                              |
| (33) Name of priority country                 | :U.S.A.                                 | <b>2)GARY SMEATON</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 :

Electrochemical measurement techniques for measuring the concentration of an analyte in a physiological fluid sample are described. More particularly, the present invention relates to techniques for distinguishing a signal caused by an extraneous even from a desired information providing signal such as one indicative of a measurement error.

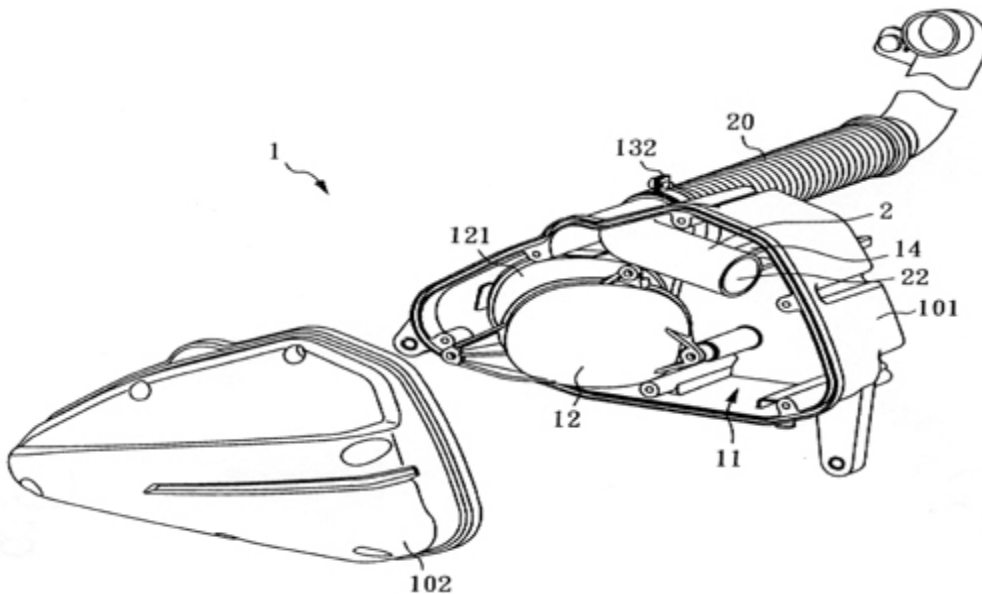


(54) Title of the invention : AIR CLEANER

|                                               |                                     |                                                                                                                                                                                               |
|-----------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61L9/16;<br>B03C3/32;<br>B60H3/00 | (71)Name of Applicant :<br><b>1)SANYANG INDUSTRY CO. LTD.</b><br>Address of Applicant :184 KENG TZU KOU, SHANG KENG<br>VILLAGE, HSIN FONG SHIANG, HSINCHU, China, a Corporation of<br>Taiwan. |
| (31) Priority Document No                     | :094136182                          |                                                                                                                                                                                               |
| (32) Priority Date                            | :17/10/2005                         |                                                                                                                                                                                               |
| (33) Name of priority country                 | :Chinese<br>Taipei                  | (72)Name of Inventor :<br><b>1)WU, KUO-NAN</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 air cleaner comprises an interior chamber containing a filter device. The air cleaner is provided with an intake communicating the interior chamber and outside of the air cleaner. The interior chamber contains an extending intake pipe having an inlet and an outlet. The inlet is located at the intake, and the outlet extends inside the interior, chamber. Therefore, airflow will be smooth when outside air flows into the air cleaner through the extending intake pipe. Combustion efficiency can also be increased by increasing the intake efficiency by eliminating the turbulence problem when the outside air flows into the air cleaner.

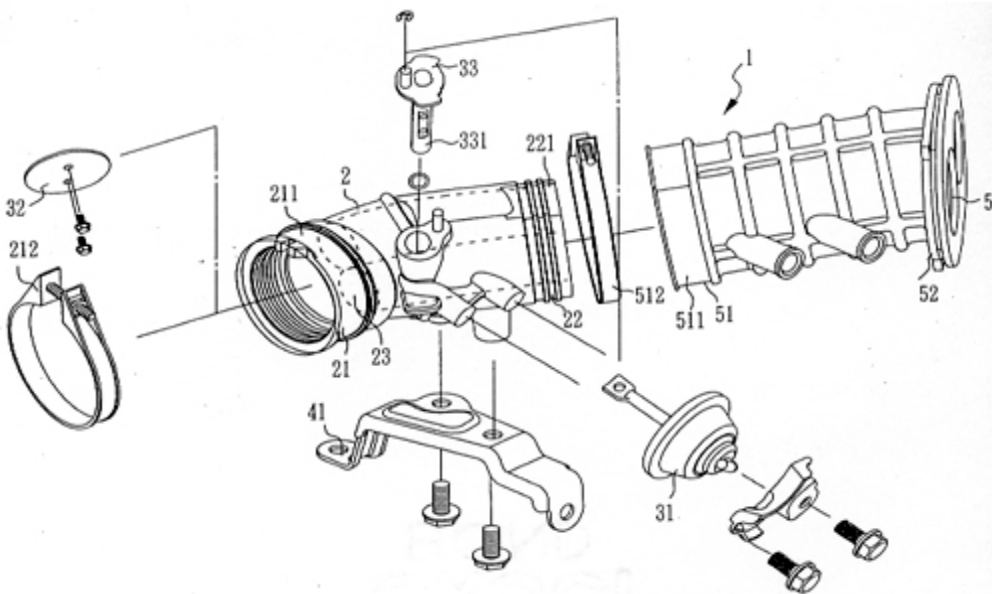


## (54) Title of the invention : ADJUSTABLE INTAKE PIPING STRUCTURE

|                                               |             |                                                             |
|-----------------------------------------------|-------------|-------------------------------------------------------------|
| (51) International classification             | :F02M35/10  | (71)Name of Applicant :                                     |
| (31) Priority Document No                     | :094135523  | <b>1)SANYANG INDUSTRY CO. LTD.</b>                          |
| (32) Priority Date                            | :12/10/2005 | Address of Applicant :184 KENG TZU KOU, SHANG KENG          |
| (33) Name of priority country                 | :Chinese    | VILLAGE, HSIN FONG SHIANG, HSINCHU, China, a Corporation of |
|                                               | Taipei      | Taiwan.                                                     |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                      |
| Filing Date                                   | :NA         | <b>1)SAU, YU-LUNG</b>                                       |
| (87) International Publication No             | : NA        | <b>2)HUNG, GOW-JI</b>                                       |
| (61) Patent of Addition to Application Number | :NA         | <b>3)HUANG, CHIH-WEI</b>                                    |
| Filing Date                                   | :NA         | <b>4)YEH, MING-JEN</b>                                      |
| (62) Divisional to Application Number         | :NA         |                                                             |
| Filing Date                                   | :NA         |                                                             |

## (57) Abstract :

An adjustable intake piping structure is disclosed to include a rigid pipe and a flexible pipe connected in series between an engine cylinder and an air cleaner, and an adjustment device installed in the rigid pipe for biasing a control flap to regulate the flow rate of intake air subject to the operation status of the engine. The rigid pipe supports the adjustment device, ensuring high stability and reliability of the performance of the adjustable intake piping structure.



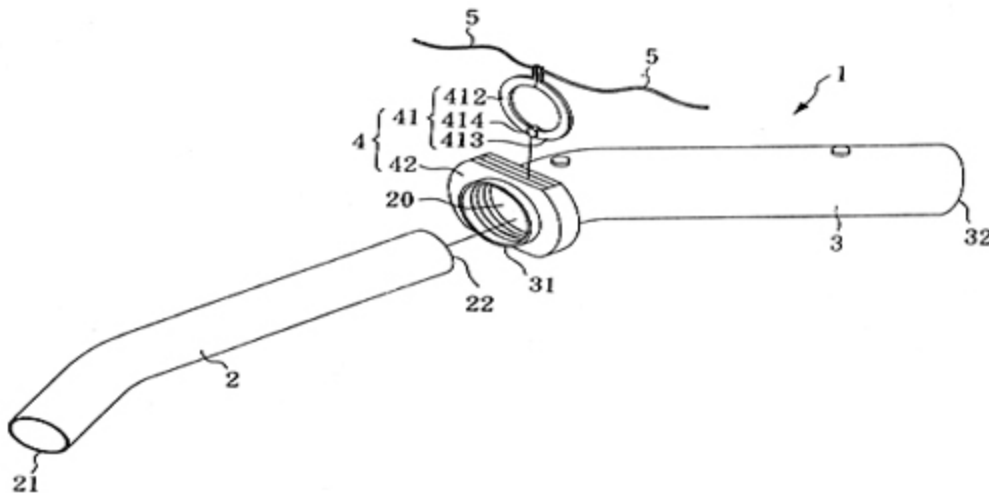


(54) Title of the invention : ADJUSTABLE INTAKE PIPE FOR SCOOTER

|                                               |             |                                                             |
|-----------------------------------------------|-------------|-------------------------------------------------------------|
| (51) International classification             | :F02M0/02   | (71)Name of Applicant :                                     |
| (31) Priority Document No                     | :094136529  | <b>1)SANYANG INDUSTRY CO. LTD.</b>                          |
| (32) Priority Date                            | :19/10/2005 | Address of Applicant :184 KENG TZU KOU, SHANG KENG          |
| (33) Name of priority country                 | :Chinese    | VILLAGE, HSIN FONG SHIANG, HSINCHU, China, a Corporation of |
|                                               | Taipei      | Taiwan.                                                     |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                      |
| Filing Date                                   | :NA         | <b>1)HUANG, CHIH-WEI</b>                                    |
| (87) International Publication No             | : NA        | <b>2)CHIU, CHUI-LUNG</b>                                    |
| (61) Patent of Addition to Application Number | :NA         | <b>3)YANG, HE-SHUN</b>                                      |
| Filing Date                                   | :NA         | <b>4)YEH, MING-JEN</b>                                      |
| (62) Divisional to Application Number         | :NA         | <b>5)YEH, CHI-NAN</b>                                       |
| Filing Date                                   | :NA         |                                                             |

(57) Abstract :

An adjustment intake pipe, which includes an outer pipe having an outlet and an inlet, an inner pipe, which is surrounded by the outer pipe and defines with the inside wall of the outer pipe an air passage around the periphery of the inner pipe, and an adjustment valve installed in the outer pipe and controlled to close/open the air passage so that when the engine runs at a low speed, the air passage is closed to let pass through the inner pipe only so as to increase the flow speed of intake air and to further enhance the inertia effect and the pulse effect; when the engine runs at a high speed, the air passage is opened to let air pass through the inner pipe and the air passage so as to increase the total cross-sectional area of the intake piping and to further lower the flow resistance and increase the air intake efficiency.



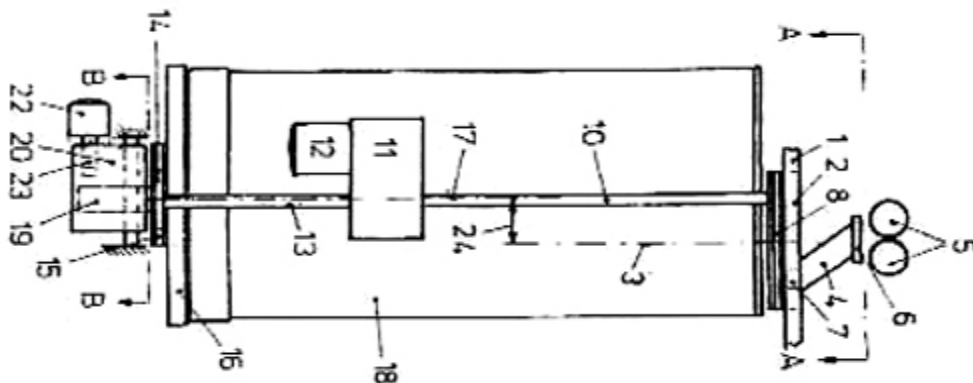
(54) Title of the invention : CAN STICK FOR THE LOOPED CIRCULARLY OFFSET DEPOSITION OF TEXTILE SLIVERS IN CANS

(51) International classification :B65H 54/80  
 (31) Priority Document No :10 2004 035 361.1  
 (32) Priority Date :21/07/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/007463  
 Filing Date :09/07/2005  
 (87) International Publication No :WO 2006/008011  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant:**  
**1) SAURER GMBH & CO.KG.**  
 Address of Applicant :LANDGRAFENSTRASSE 45, 41069  
 MONCHENGLADBACH Germany  
 (72)**Name of Inventor :**  
**1)STAHLE,DIETMAR**  
**2)KUSTER,HANS-JURGEN**

(57) Abstract :

Can sticks of spinning preparation machines, such as draw frames and combing machines, in which the sliver is deposited in loops lying next to one another in cans 18 by means of rotating depositing plates 2, have, between the axes of rotation of the depositing plates and cans, an axial offset 24 which can be set according to the properties of the sliver. However, varying this axial offset is mostly difficult and time-consuming. In order to achieve a simplification here, it is proposed to carry out the adjustment by means of a servomotor 23. This servomotor can be acted upon by manual control. Preferably, however, a sensor device 41 to 44 is provided, which carries out this adjustment automatically and in this case takes into account the presence of a sliver package, as a result of which sliver is prevented from being thrown out beyond the can edge so as to reduce quality.



(54) Title of the invention : MECHATRONIC HYBRID TRANSMISSIONS HAVING THREE PLANETARY GEAR SETS AND THREE MOTOR/GENERATORS

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/729,187

(32) Priority Date

:21/10/2005

(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) GM GLOBAL TECHNOLOGY OPERATION INC**

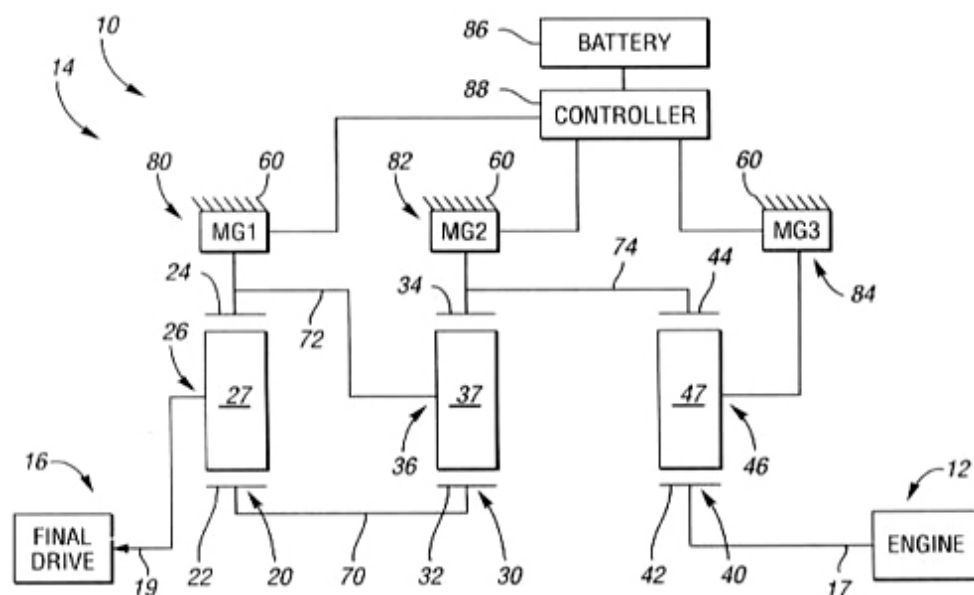
Address of Applicant: 300 GM Renaissance Center Detroit, Michigan  
48265-3000. U.S.A.

(72)Name of Inventor :

**1)PATRICK B.USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets, a battery and three electric machines serving interchangeably as motors or generators. The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).



(54) Title of the invention : MECHATRONIC HYBRID TRANSMISSIONS HAVING TWO PLANETARY GEAR SETS AND THREE MOTOR/GENERATORS

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/728,895

(32) Priority Date

:21/10/2005

(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)GM GLOBAL TECHNOLOGY OPERATION INC**

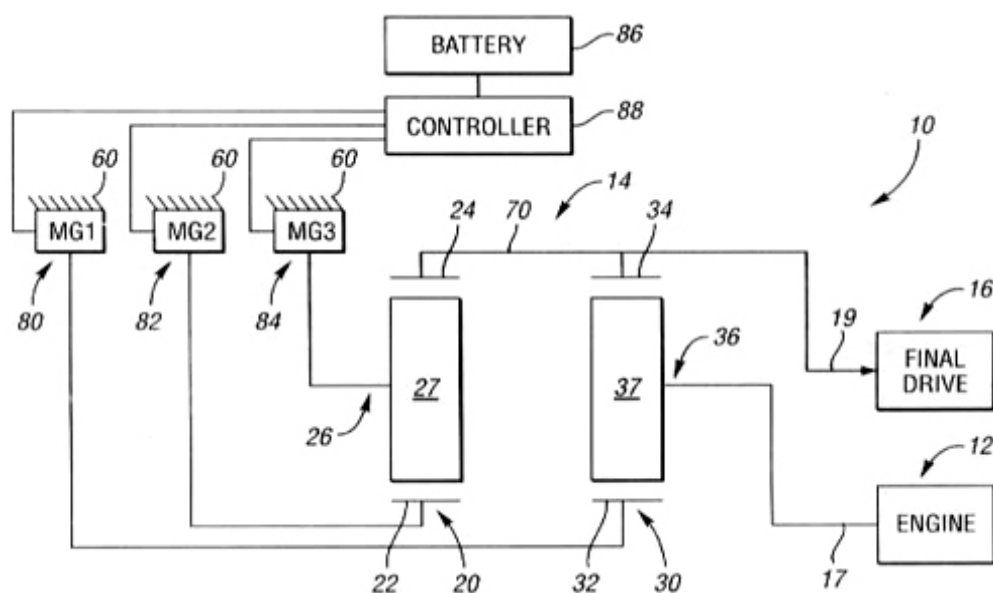
Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000. U.S.A.

(72)Name of Inventor :

**1)PATRICK B.USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first and second differential gear sets, a battery and three electric machines serving interchangeably as motors or generators. The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).



(54) Title of the invention: HYBRID ARCHITECTURE INCORPORATING THREE MOTOR GENERATORS AND A STATIONARY PLANETARY GEAR MEMBER.

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/729,420

(32) Priority Date

:21/10/2005

(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) GM GLOBAL TECHNOLOGY OPERATIONS INC**

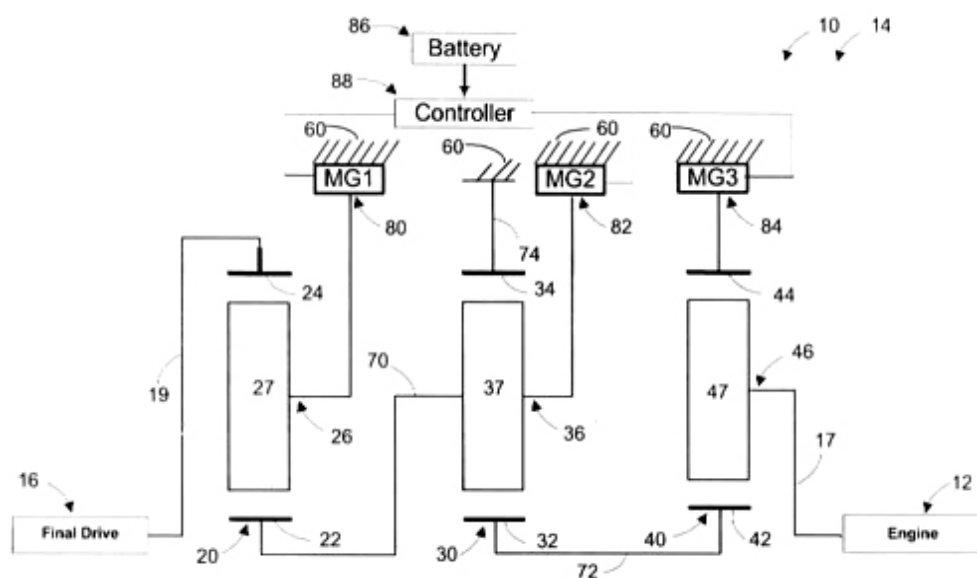
Address of Applicant: 300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)PATRICK B.USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets, a battery and three electric machines serving interchangeably as motors or generators. The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).



(54) Title of the invention : HYBRID ARCHITECTURE INCORPORATING THREE MOTOR GENERATORS AND PLANETARY GEAR ARRANGEMENT HAVING A STATIONARY MEMBER

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/729,191

(32) Priority Date

:21/10/2005

(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)GM GLOBAL TECNOLOGY OPERATION INC**

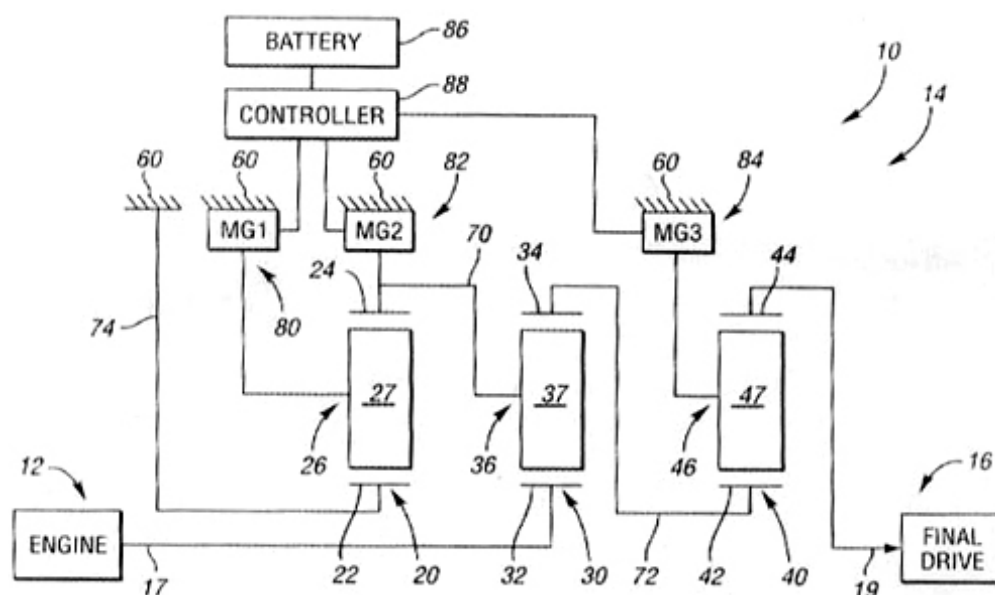
Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)PATRICK B. USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets, a battery and three electric machines serving interchangeably as motors or generators. The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).



(54) Title of the invention : HYBRID ARCHITECTURE INCORPORATING THREE MOTOR GENERATORS AND PLANETARY GEAR SETS WITH TWO FIXED INTERCONNECTIONS

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/729,465

(32) Priority Date

:21/10/2005

(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) GM GLOBAL TECHNOLOGY OPERATION INC**

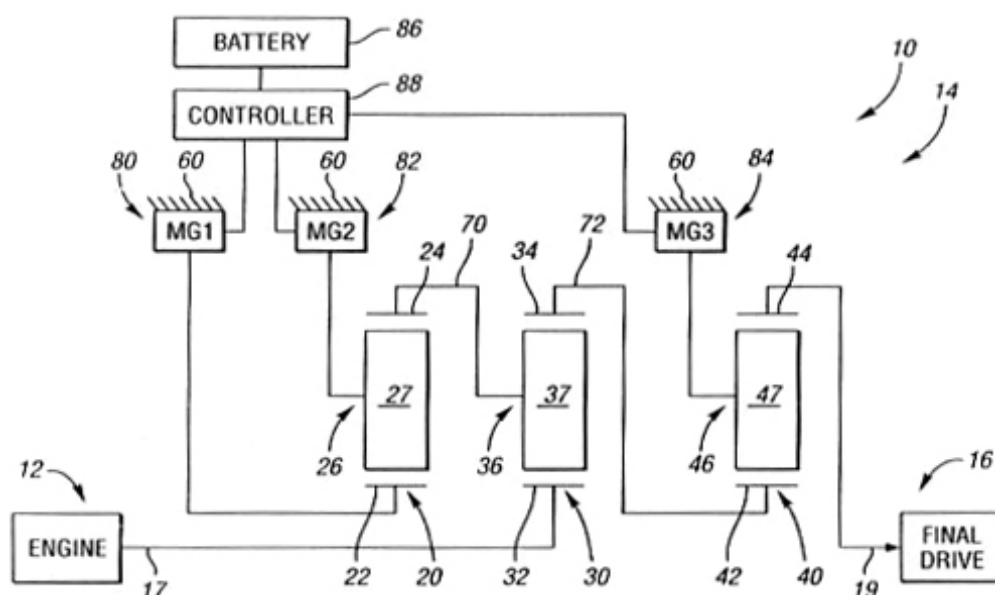
Address of Applicant: 300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)PATRICK B. USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets, a battery and three electric machines serving interchangeably as motors or generators. The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).



(54) Title of the invention : HYBRID ARCHITECTURE INCORPORATING THREE MOTOR GENERATORS AND PLANETARY GEAR SETS WITH TWO FIXED INTERCONNECTIONS

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/728,911

(32) Priority Date

:21/10/2005

(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)GM GLOBAL TECHNOLOGY OPERATION INC**

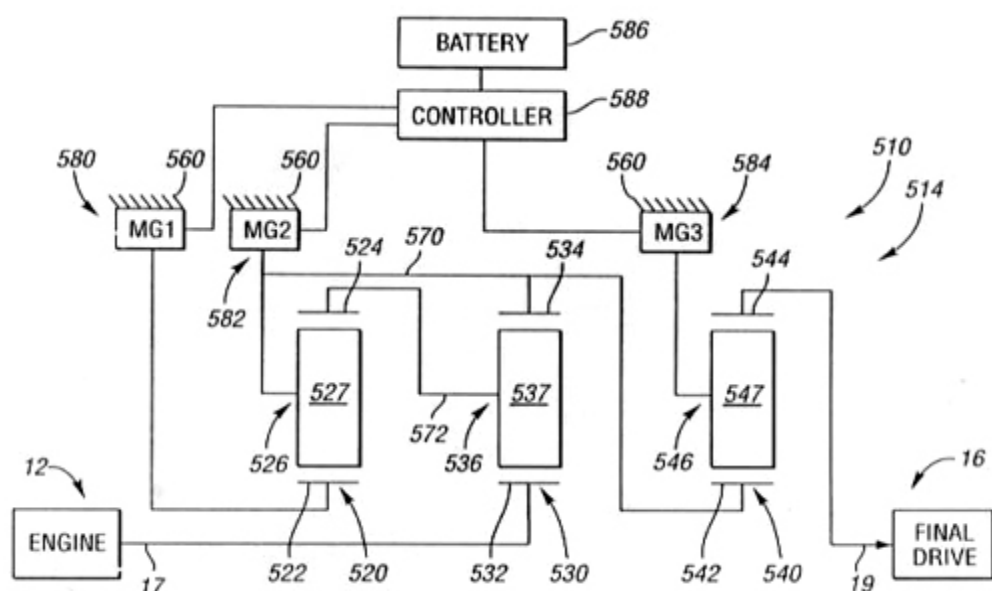
Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)PATRICK B. USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets, a battery and three electric machines serving interchangeably as motors or generators. The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).





(54) Title of the invention : HYBRID TRANSMISSIONS HAVING THREE MOTOR /GENERATORS AND THREE INTERCONNECTED PLANETARY GEAR SETS

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/729,195

(32) Priority Date

:21/10/2005

(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) GM GLOBALTECHNOLOGY OPERATIONS INC**

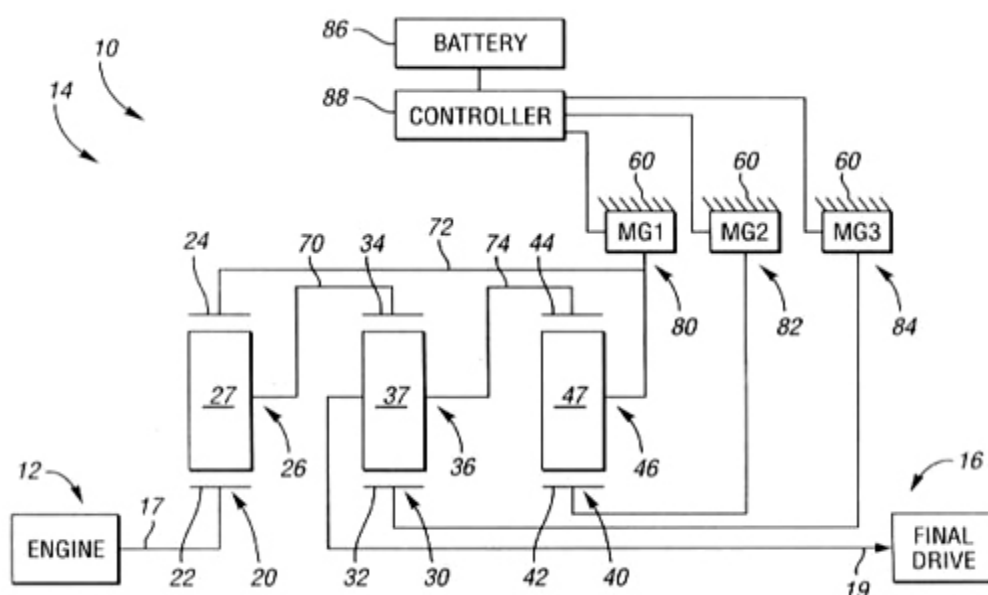
Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)PATRICK B.USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets, a battery and three electric machines serving interchangeably as motors or generators. The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).



(54) Title of the invention : HYBRID TRANSMISSIONS HAVING THREE MOTOR/GENERATORS AND A STATIONARY PLANETARY GEAR MEMBER

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:60/728,885

(32) Priority Date

:21/10/2005

(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)GM GLOBAL TECHNOLOGY OPERATIONS INC**

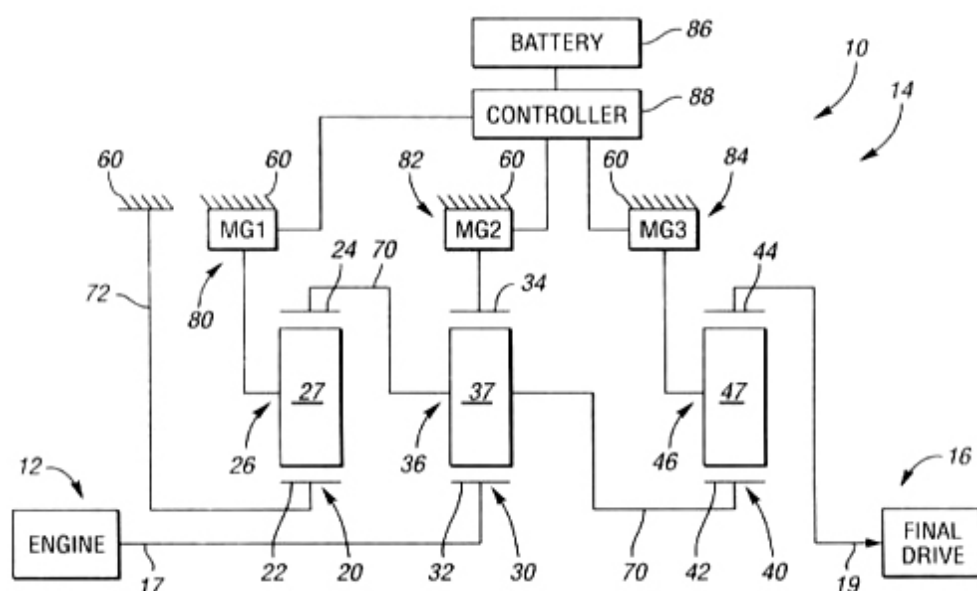
Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)PATRICK B.USORO**

(57) Abstract :

The electrically variable transmission family of the present invention provides low-content, low-cost electrically variable transmission mechanisms including first, second and third differential gear sets ,a battery and three electric machines serving interchangeably as motors or generators.The three motor/generators are operable in a coordinated fashion to yield an EVT with a continuously variable range of speeds (including reverse).

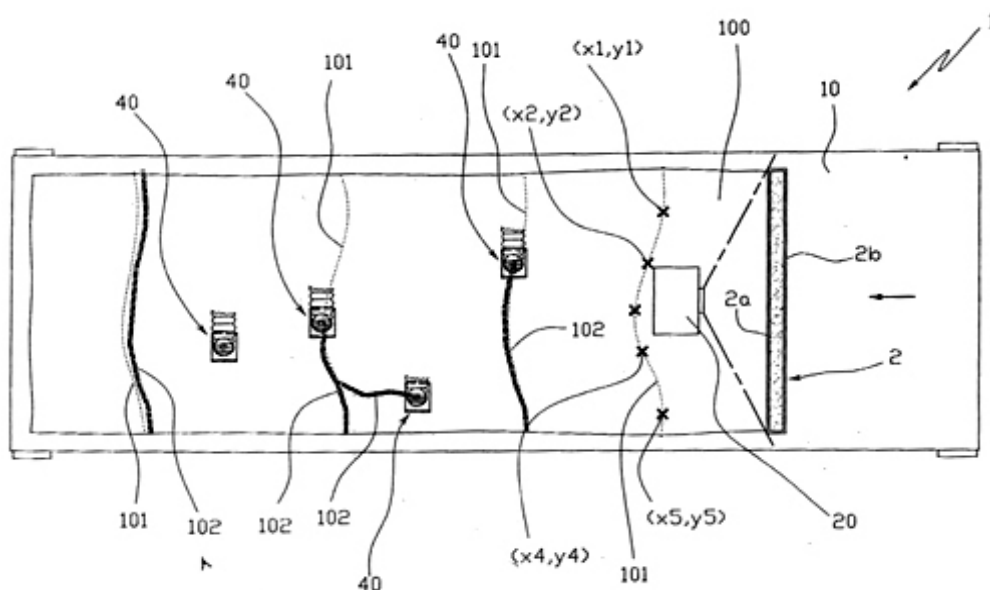


(54) Title of the invention : METHOD FOR FORMING CERAMIC TILES OR SLABS REPRODUCING THE CHARACTERISTICS OF THE NATURAL STONES AND RELATED APPARATUS

|                                               |                |                                                                |
|-----------------------------------------------|----------------|----------------------------------------------------------------|
| (51) International classification             | :E04F 13/00    | (71)Name of Applicant :                                        |
| (31) Priority Document No                     | :RE2005A000130 | <b>1)SACMI COOPERATIVA MECCANIC IMOLA SOCIETA' COOPERATIVA</b> |
| (32) Priority Date                            | :16/11/2005    | Address of Applicant :VIA SELICE PROVINCIALE, 17/A, I-40026    |
| (33) Name of priority country                 | :Italy         | IMOLA (BOLOGNA), Italy                                         |
| (86) International Application No             | :NA            |                                                                |
| Filing Date                                   | :NA            |                                                                |
| (87) International Publication No             | : NA           | (72)Name of Inventor :                                         |
| (61) Patent of Addition to Application Number | :NA            | <b>1)OSSANI, LUIGI</b>                                         |
| Filing Date                                   | :NA            | <b>2)REMONDINI, MARCO</b>                                      |
| (62) Divisional to Application Number         | :NA            |                                                                |
| Filing Date                                   | :NA            |                                                                |

(57) Abstract :

A method for forming ceramic tiles or slabs having veins similar to those of the natural stones, beginning from powders which are fed to a hopper (2) from which they exit, in the form of a continuous strip (100), atop a movable horizontal surface (10), comprising the following steps: a) feeding said hopper (2) with successive loads of different powders, so to form a line of separation (101) between adjacent loads; b) detecting the coordinates of at least a discrete number of points of the level profile (P) in the hopper (2) of each powder load; c) transmitting the data of said coordinates to a programmed logical unit (60) which drives vein tracing means (40); and d) creating at least one vein (102) on said strip (100) by means of said tracing means (40), said vein (102) being made by following a motion law which has been previously set in said logical unit (60), said motion law being a function of said coordinates.

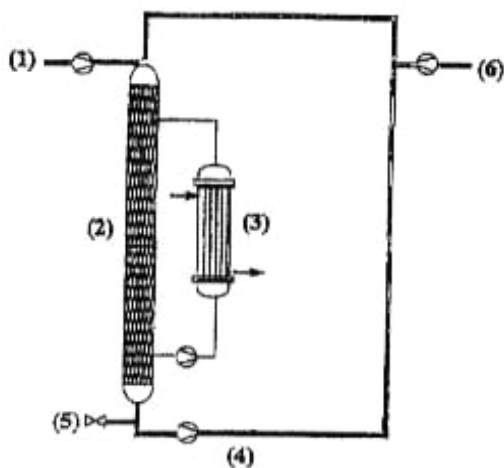


(54) Title of the invention : METHOD FOR THE PRODUCTION OF 3-(METHYLTHIO) PROPANAL

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :C07C319/00        | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :10 2004 038 053.8 | <b>1)DEGUSSA AG,</b>                                    |
| (32) Priority Date                            | :05/08/2004        | Address of Applicant :BENNIGSENPLATZ 1 40474 DUSSELDORF |
| (33) Name of priority country                 | :Germany           | Germany                                                 |
| (86) International Application No             | :PCT/EP2005/007666 | (72)Name of Inventor :                                  |
| Filing Date                                   | :14/07/2005        | <b>1)DR.FRANK DÄßNER</b>                                |
| (87) International Publication No             | :WO 2006/015684    | <b>2)DR.CHRISTOPH WECKBECKER</b>                        |
| (61) Patent of Addition to Application Number | :NA                | <b>3)DR.CHRISTOPH WECKBECKER</b>                        |
| Filing Date                                   | :NA                |                                                         |
| (62) Divisional to Application Number         | :NA                |                                                         |
| Filing Date                                   | :NA                |                                                         |

(57) Abstract :

The invention relates to a method for the production of 3-(methylthio)propanal and 2-hydroxy-4-(methylthio)butanitrile by catalysed addition of methylmercaptan to acrolein and hydrogen cyanide to 3-(methylthio)propanal.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1061/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :13/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention: EFFERVESCENT CLEANSING ARTICLE

|                                               |                                     |                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A47K7/03;<br>B32B3/16;<br>A47K7/02 | (71) <b>Name of Applicant :</b><br><b>1)JOHNSON &amp; JOHNSON CONSUMER COMPANIES, INC</b><br>Address of Applicant :Grandview Road, Skillman, New Jersey 08558<br>U.S.A. |
| (31) Priority Document No                     | :11/260,606                         |                                                                                                                                                                         |
| (32) Priority Date                            | :27/10/2005                         |                                                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.                             | (72) <b>Name of Inventor :</b>                                                                                                                                          |
| (86) International Application No             | :NA                                 | <b>1)JOSEPH M LUIZZI</b>                                                                                                                                                |
| Filing Date                                   | :NA                                 | <b>2)NIKHIL K. KUNDEL</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 article containing: a substrate having at least two surfaces; and water-soluble elements on at least one surface of the substrate, wherein the water-soluble elements contain a material that effervesces upon contact with water is disclosed. The article is useful for cleansing and/or treating the skin and/or hair.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :13/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention: EXOTHERMIC CLEANSING ARTICLE.

|                                               |                                     |                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A47K7/03;<br>A61L2/04;<br>A61Q5/02 | (71) <b>Name of Applicant :</b><br><b>1)JOHNSON &amp; JOHNSON CONSUMER COMPANIES, INC</b><br>Address of Applicant :Grandview Road, Skillman, New Jersey 08558<br>U.S.A. |
| (31) Priority Document No                     | :11/260,355                         |                                                                                                                                                                         |
| (32) Priority Date                            | :27/10/2005                         |                                                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.                             | (72) <b>Name of Inventor :</b>                                                                                                                                          |
| (86) International Application No             | :NA                                 | <b>1)JOSEPH M LUIZZI</b>                                                                                                                                                |
| Filing Date                                   | :NA                                 | <b>2)NIKHIL K. KUNDEL</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 :

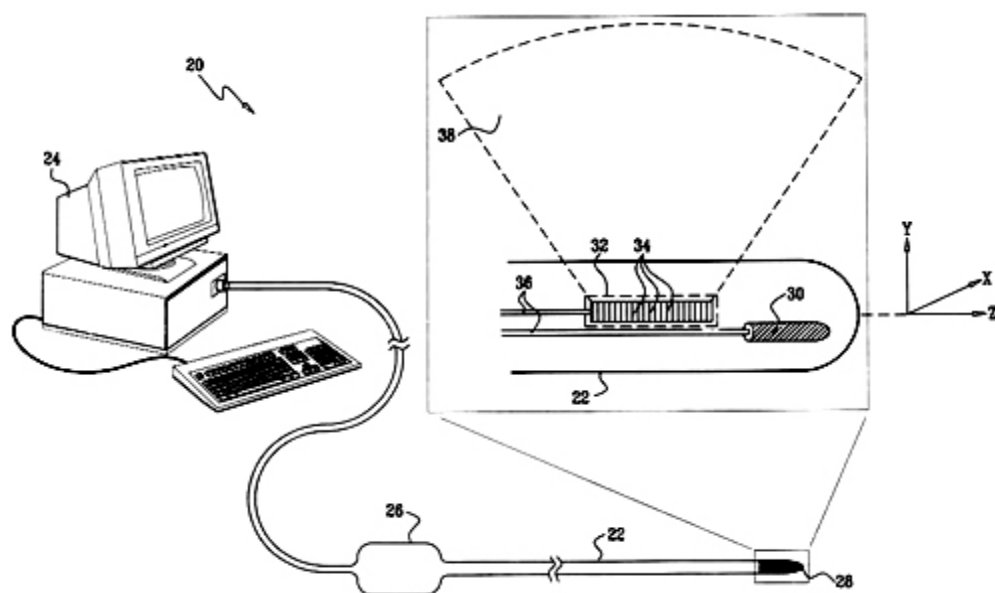
An article including a substrate having at least two surfaces, wherein at least one surface of the substrate comprise water-soluble elements in discrete areas, wherein the water-soluble elements contain a material that provides an exothermic reaction when contacted with water. In another aspect, the present invention features a method of heating the skin, nail, or hair by applying to the skin, nail, or hair the above article wherein the article is wet with water prior to, during, or after said application.

(54) Title of the invention : TARGETS AND METHODS FOR ULTRASOUND CATHETER CALIBRATION

|                                               |                |                                                                                                                                             |
|-----------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B<br>19/00 | (71)Name of Applicant:<br><b>1) Biosense Webster, Inc</b><br>Address of Applicant :333 Diamond Canyon Road, Diamond Bar CA<br>91765, U.S.A. |
| (31) Priority Document No                     | :11/263,066    |                                                                                                                                             |
| (32) Priority Date                            | :28/10/2005    |                                                                                                                                             |
| (33) Name of priority country                 | :U.S.A.        |                                                                                                                                             |
| (86) International Application No             | :NA            | (72)Name of Inventor :                                                                                                                      |
| Filing Date                                   | :NA            | <b>1)Andres Claudio Altmann</b>                                                                                                             |
| (87) International Publication No             | : NA           | <b>2)Assaf Govari</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 calibrating an ultrasound probe includes directing the probe to receive ultrasonic waves reflected from a target that includes one or more liner elements, which are arranged to intersect the beam plane of the probe at respective intersection points. Signals are received from the probe responsively to the reflected ultrasonic waves, and the probe is aligned by modifying at least one of a position and an orientation of the probe responsively to the signals so that the intersection points occur in a desired location in the beam plane.

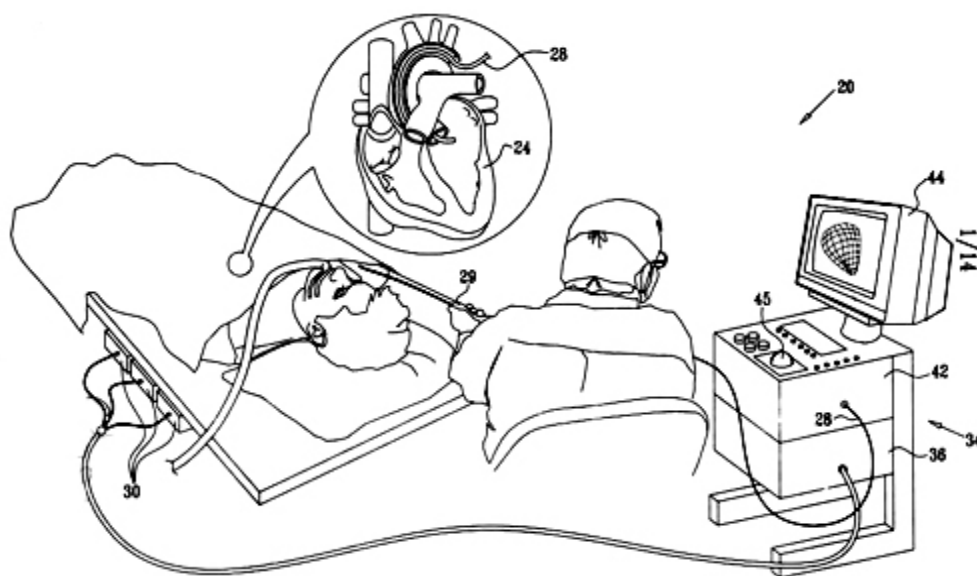


(54) Title of the invention : SYNCHRONIZATION OF ULTRASOUND IMAGING DATA WITH ELECTRICAL MAPPING

|                                               |             |                                                               |
|-----------------------------------------------|-------------|---------------------------------------------------------------|
| (51) International classification             | :A61B8/08   | (71)Name of Applicant :                                       |
| (31) Priority Document No                     | :11/262,217 | <b>1)Biosense Webster, Inc</b>                                |
| (32) Priority Date                            | :28/10/2005 | Address of Applicant :333 Diamond Canyon Road, Diamond Bar CA |
| (33) Name of priority country                 | :U.S.A.     | 91765 U.S.A.                                                  |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                        |
| Filing Date                                   | :NA         | <b>1)Andres Claudio Altmann</b>                               |
| (87) International Publication No             | : NA        | <b>2)Assaf Preiss</b>                                         |
| (61) Patent of Addition to Application Number | :NA         | <b>3)Assaf Govari</b>                                         |
| Filing Date                                   | :NA         |                                                               |
| (62) Divisional to Application Number         | :NA         |                                                               |
| Filing Date                                   | :NA         |                                                               |

(57) Abstract :

An image of an electro-anatomical map of a body structure having cyclical motion is overlaid on a 3D ultrasonic image of the structure. The electro-anatomical data and anatomic image data are synchronized by gating both electro-anatomical data acquisition and an anatomic image at a specific point in the motion cycle. Transfer of image data includes identification of a point in the motion cycle at which the 3-dimensional image was captured or is to be displayed.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1065/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :13/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : CEMENT ADDITIVE

(51) International classification

:C04B24/26;  
C04B24/00

(31) Priority Document No

:2005-  
299764

(32) Priority Date

:14/10/2005

(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)NIPPON SHOKUBAI CO., LTD**

Address of Applicant :1-1, KORAIBASHI 4-CHOME CHOU-KU,  
OSAKA-SHI OSAKA 541-0043 Japan

(72)Name of Inventor :

**1)MIYAGAWA MINORU**

**2)UETA TOMIYASU**

(57) Abstract :

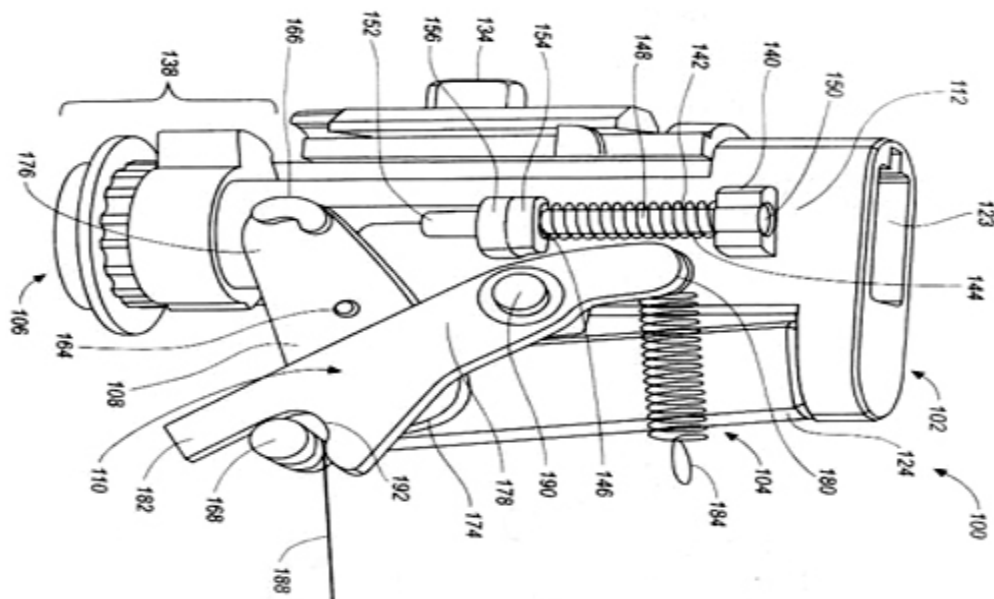
To provide a cement admixture which makes it possible to: enhance slump maintaining capability; maintain fluidity; and provide a cement composition and the like having an appropriate viscosity for handling at the place where the composition and the like is handled. A cement admixture comprising an alkylene oxide adduct comprising a compound having 3 or more active hydrogens and an oxyalkylene group added to the compound, wherein an average molar number of addition of the oxyalkylene group relative to 1 mole of the active hydrogen is 100 mole or more.

(54) Title of the invention : COMPACT LANCING APPARATUS

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B5/15   | (71) <b>Name of Applicant:</b>                                    |
| (31) Priority Document No                     | :11/262,166 | <b>1) LIFESCAN SCOTLAND, LTD.</b>                                 |
| (32) Priority Date                            | :28/10/2005 | Address of Applicant :Beechwood Park North, Inverness, Inverness- |
| (33) Name of priority country                 | :U.S.A.     | shire IV2 3ED U.K.                                                |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                    |
| Filing Date                                   | :NA         | <b>1)GORDON GEORGE SANSOM</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 lancing apparatus includes an inner housing, a firing mechanism, a lancing mechanism and a linkage arm. The firing mechanism is configured for producing a firing force in a first direction. The lancing mechanism is configured for delivering a lancing force in a second direction with the second direction being toward a target site and in opposition to the first direction. The linkage arm is pivotably attached to the housing and has first and second ends engaged to the firing and lancing mechanisms, respectively. During use, pivoting of the linkage arm converts the firing force in the first direction into the lancing force in the opposing second direction.

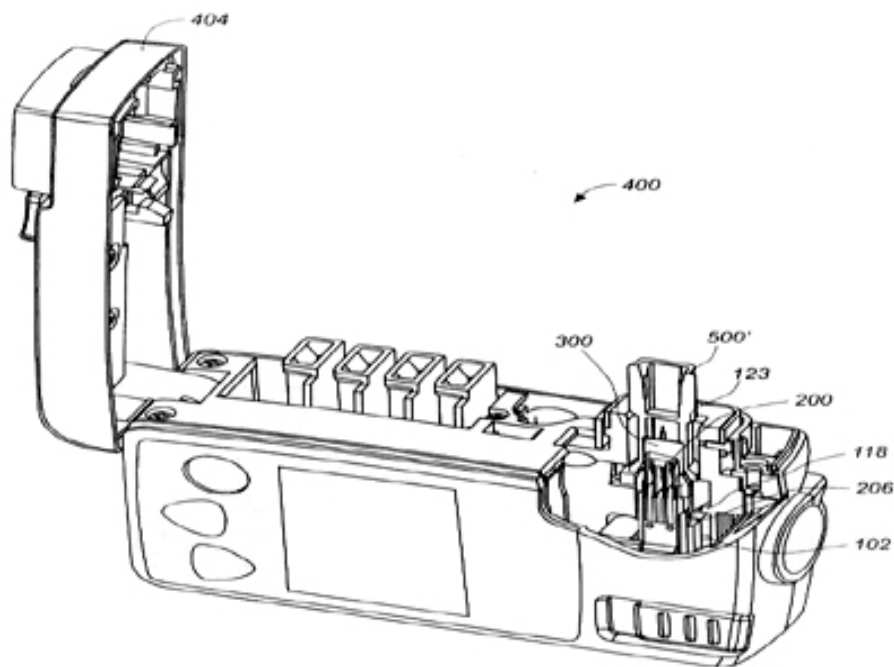


(54) Title of the invention : ANALYTE MONITORING SYSTEM WITH INTEGRATED LANCING APPARATUS

|                                               |                                       |                                                                                                                                                            |
|-----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B5/151;<br>A61B10/00;<br>A61B5/15 | (71) <b>Name of Applicant:</b><br><b>1) LIFESCAN SCOTLAND, LTD.</b><br>Address of Applicant :Beechwood Park North, Inverness, Inverness-shire IV2 3ED U.K. |
| (31) Priority Document No                     | :11/262,205                           | (72) <b>Name of Inventor :</b>                                                                                                                             |
| (32) Priority Date                            | :28/10/2005                           | <b>1)GORDON GEORGE SANSOM</b>                                                                                                                              |
| (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                                   |                                                                                                                                                            |

(57) Abstract :

An analyte monitoring system for the determination of an analyte (such as glucose) in a bodily fluid sample (e.g., blood) includes an external system housing, a lancing apparatus and a meter for determination of the analyte. The lancing apparatus is integrated with the external system housing and includes an inner housing, a firing mechanism, a lancing mechanism and a linkage arm. The firing mechanism is configured for producing a firing force in a first direction. The lancing mechanism is configured for delivering a lancing force in a second direction. The linkage arm is pivotably attached to the housing and has first and second ends engaged to the firing and lancing mechanisms, respectively. During use, pivoting of the linkage arm converts the firing force in the first direction into the lancing force in the opposing second direction.

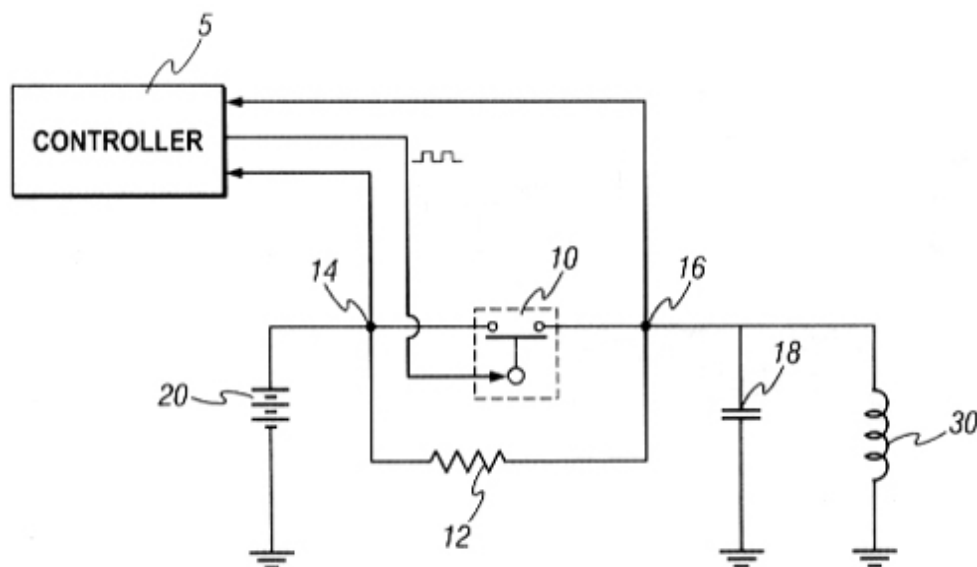


(54) Title of the invention : AUTOMATIC CALIBRATION OF VEHICLE TRANSMISSION USING LOAD SENSING

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :B60K17/00  | (71)Name of Applicant:                                            |
| (31) Priority Document No                     | :11/285,523 | <b>1) GM GLOBOL TECHNOLOGY OPERATION INC</b>                      |
| (32) Priority Date                            | :21/10/2005 | Address of Applicant: 300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)ANDREW M. ZETTEL</b>                                         |
| (87) International Publication No             | : NA        | <b>2)MICHAEL J. MILLER</b>                                        |
| (61) Patent of Addition to Application Number | :NA         | <b>3)JAMES C. GIBBS</b>                                           |
| Filing Date                                   | :NA         | <b>4)MARY A. JEFFERS</b>                                          |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

(57) Abstract :

A method and system to monitor a high voltage power relay operable to conduct electrical power from a source to a load, during each vehicle shutdown event. The system includes the electrical relay with a resistive device, electrically connected in parallel circuit, a controllable electrical load device, and a sensing device. A controller is connected to the electrical relay and each sensing device, and operable to identify a low electrical load condition at the load. The controller commands the load to operate at a known current draw level, commands the relay open, and monitors a change in power to the load device when the relay is commanded to open. The electrical relay is functioning properly when the change in electrical power to the load exhibits a known profile over time, when the electrical relay is controlled to the commanded-open position.

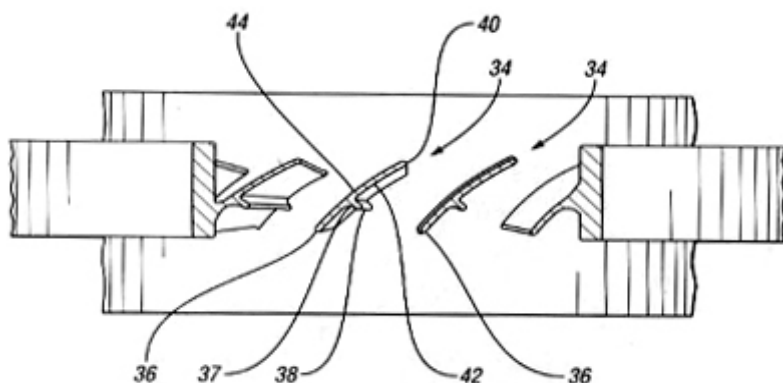


(54) Title of the invention : REDUCED STALL CAPACITY TORQUE CONVERTER

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :F16D33/00  | (71) <b>Name of Applicant:</b>                                     |
| (31) Priority Document No                     | :11/285,612 | <b>1) GENERAL MOTORS CORPORATION</b>                               |
| (32) Priority Date                            | :21/11/2005 | Address of Applicant :Legal Staff 300 Renaissance Center Mail Code |
| (33) Name of priority country                 | :U.S.A.     | 482-C23-B21, P.O. BOX 300 Detroit MI 48265-3000 U.S.A.             |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                     |
| Filing Date                                   | :NA         | <b>1)RALPH L. NAJMON</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 apparatus of the present invention provides a torque converter that is looser at stall than it is at 0.8 speed ratio. The torque converter includes a stator having a plurality of stator blades. The stator blades each define a primary leading edge, a trailing edge, and preferably include a flange defining a secondary leading edge. The stator blade flange extends away from each blade such that the secondary leading edge points generally to the primary leading edge of a preceding stator blade. In this manner, the secondary leading edge is designed at stall to catch flow coming past the primary leading edge of the upstream blade and to redirect the flow back out of the front of the stator. The secondary leading edge is further designed to hide in the wake of the primary leading edge at higher speed ratios.



(54) Title of the invention : AROMATIC COMPOUNDS

(51) International classification :C07D 295/192  
 (31) Priority Document No :2004-230092  
 (32) Priority Date :06/08/2004  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2005/014611  
 Filing Date :03/08/2005  
 (87) International Publication No :WO 2006/014012  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

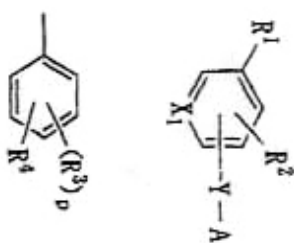
**1)OTSUKA PHARMACEUTICAL CO.,LTD.,**Address of Applicant :9,KANDA-TSUKASACHO 2-CHOME,  
CHIYODA-KU,TOKYO,JAPAN Japan

## (72)Name of Inventor :

**1)FUKUSHIMA****2)SEIJI AKAMATSU****3)TAKESHI KODAMA****4)YASUO YANAGIHARA****5)TAKUMI SUMIDA****6)SHUJI MATSUMURA****7)NORIAKI TAKEMURA****8)HIDEAKI SATOU****9)NOBUAKI ITO****10)TAKUYA SHITSUTA****11)HIRONORI TSUTSUI****12)MICHINORI TANAKA****13)KEIZO KAN****14)HITOSHI NAGAO****15)KENJI WATANABE****16)KUNINORI TAI****17)TAKASHI NAKAGAWA****18)HIDEKI TAKASU****19)MAKOTO SAKAMOTO****20)KEISUKE MIYAJIMA****21)SATOSHI YAMADA****22)YUTAKA KOJIMA****23)KOICHI YASUMARA****24)NAOTO OHI****25)MITSUHIRO OKUNO****26)KAZUHISA SUGIYAMA****27)KUNIIHIKO KIYONO****28)TAKASHI SUZUKI**

## (57) Abstract :

The present invention provides a novel compound, which has an excellent effect of suppressing the generation of collagen and less side effects, with being excellent in terms of safety. The compound of the present invention is represented by the following general formula (1): [wherein  $X_1$  represents a nitrogen atom or a group  $-CH=$ ;  $R^1$  represents a group  $-Z-R^6$ , wherein  $Z$  represents a group  $-CO-$ , a group  $-CH(OH)-$ , or the like, and  $R^6$  represents a 5- to 15-membered monocyclic, dicyclic, or tricyclic, saturated or unsaturated heterocyclic group having 1 to 4 nitrogen atoms, oxygen atoms, or sulfur atoms;  $R^2$  represents a hydrogen atom, a halogen atom or a lower alkylene group;  $Y$  represents a group  $-O-$ , a group  $-CO-$ , a group  $-CH(OH)-$ , a lower alkylene group, or the like; and  $A$  represents a group or the like, wherein  $R^3$  represents a hydrogen atom, a lower alkoxy group, or the like,  $p$  represents 1 or 2, and  $R^4$  represents an imidazolyl lower alkyl group or the like.

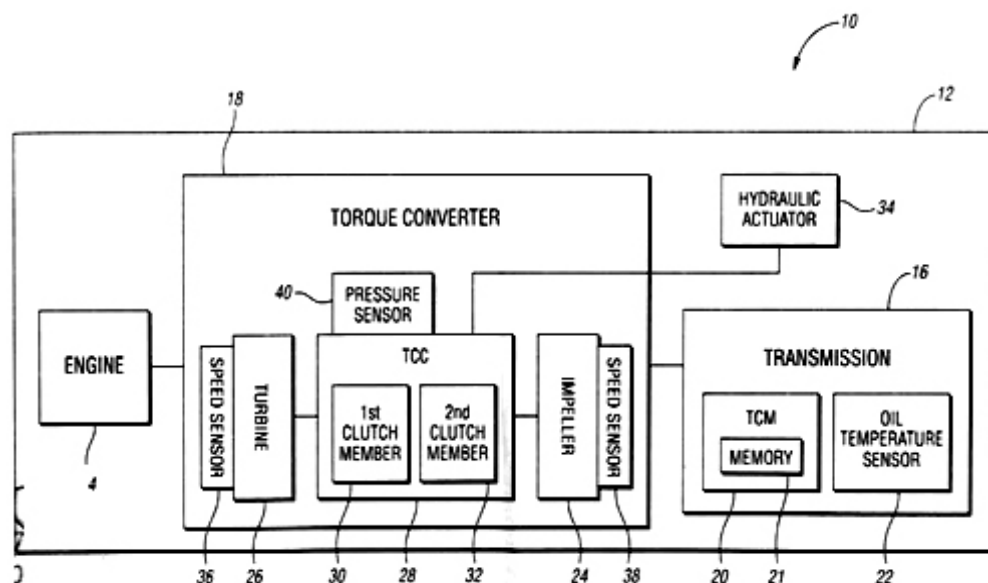


(54) Title of the invention : METHOD FOR ESTIMATING TRANSMISSION INPUT TORQUE

|                                               |             |                                                                 |
|-----------------------------------------------|-------------|-----------------------------------------------------------------|
| (51) International classification             | :G01N3/32   | (71) <b>Name of Applicant:</b>                                  |
| (31) Priority Document No                     | :11/285,487 | <b>1) GENERAL MOTORS CORPORATION</b>                            |
| (32) Priority Date                            | :21/11/2005 | Address of Applicant :300 Renaissance Center Mail Code 482-C23- |
| (33) Name of priority country                 | :U.S.A.     | B21, P.O.Box 300 Detroit MI48265-3000 U.S.A.                    |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                  |
| Filing Date                                   | :NA         | <b>1)EDMOND M. ETCHASON</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 estimating transmission input torque is provided. The method includes identifying a plurality of measurable characteristics that influence transmission input torque. Thereafter, transmission input torque values are measured on a sample powertrain operating at a plurality of different combinations of the measurable characteristics. A look-up table including the measured input torque values corresponding to each combination of the measurable characteristics is established and saved onto a vehicle memory device. The vehicle is configured to monitor the status of the measurable characteristics during operation. At any given time, the vehicle can retrieve the measured transmission input torque value corresponding to the status of the monitored measurable characteristics wherein the measured transmission input torque value provides an estimate of the transmission input torque of the vehicle.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1071/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :16/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMPROVED PUNCHING MACHINE , IN PARTICULAR FOR THE MANUFACTURE OF STATOR AND ROTOR BLADES FOR ELEECTRIC MOTORS.

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :F01D 25/16  |
| (31) Priority Document No                     | :PC          |
| (32) Priority Date                            | 20055A000053 |
| (33) Name of priority country                 | :17/10/2005  |
| (86) International Application No             | :Italy       |
| Filing Date                                   | :NA          |
| (87) International Publication No             | :NA          |
| (61) Patent of Addition to Application Number | :NA          |
| Filing Date                                   | :NA          |
| (62) Divisional to Application Number         | :NA          |
| Filing Date                                   | :NA          |

(71)**Name of Applicant :**

**1)MENINI S.R.L,**

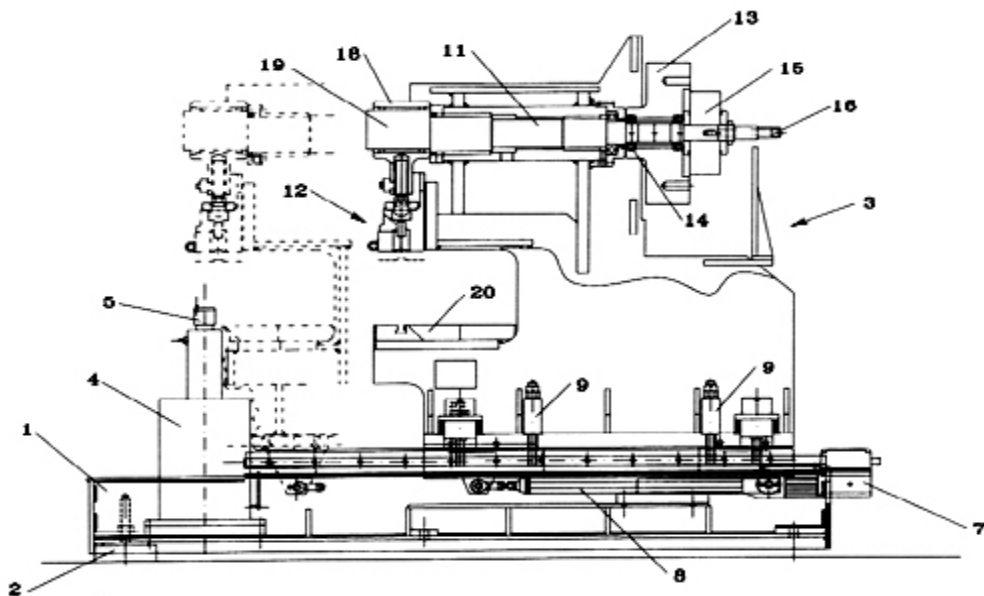
Address of Applicant :a Limited Liability Company organized under the laws of Italy. Italy

(72)**Name of Inventor :**

**1)FALSITTA VITTORIO**

(57) Abstract :

This invention relates to an improved punching machine designed in particular for the manufacture of stator and rotor blades for electric motors, which includes means designed to detect the rotation speed of the shaft that drives the impactor and to control the drive motor of the disc to be punched according to the data recorded. More in particular, in the machine according to the invention the sheet metal disc to be punched is made to rotate by a gear motor, preferably the brushless type, with an electronic drive Connected to an encoder fitted to the main rotation shaft, which drives the impactor. The invention also relates to a method for the management of a punching machine for the manufacture of the stator and rotor components of electric motors.



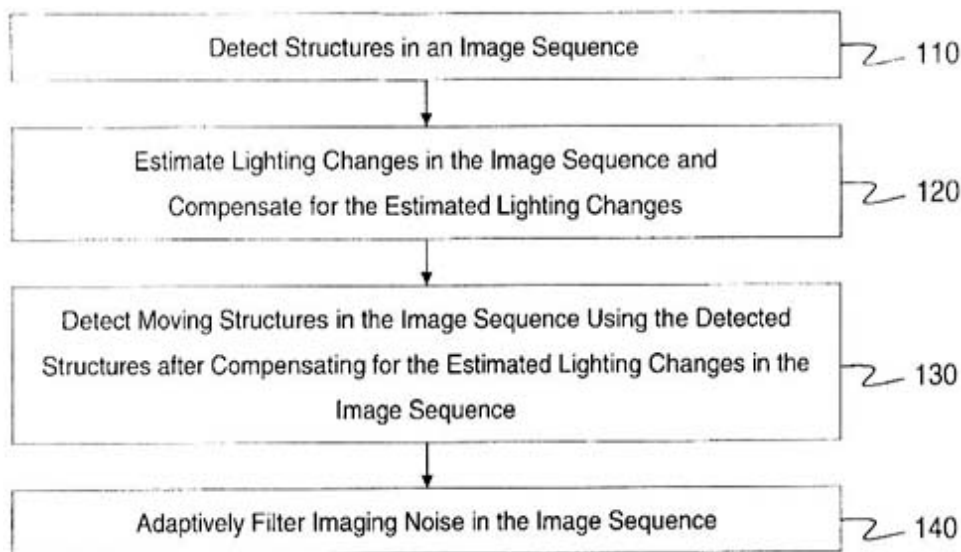


(54) Title of the invention : SYSTEMS AND METHODS FOR REDUCING NOISE IN IMAGE SEQUENCES.

|                                               |                             |                                                                                                                                                                 |
|-----------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G03B<br>7/00, G03B<br>9/00 | (71) <b>Name of Applicant :</b><br><b>1)SIMENS MEDICAL SOLUTION USA, INC.,</b><br>Address of Applicant :51 Valley Stream Parkway, Malvern, PA 19355-1406 U.S.A. |
| (31) Priority Document No                     | :60/727,568                 | (72) <b>Name of Inventor :</b>                                                                                                                                  |
| (32) Priority Date                            | :17/10/2005                 | <b>1)CHEN, Yunqiang</b>                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.                     | <b>2)ZHOU, Chunxiao</b>                                                                                                                                         |
| (86) International Application No             | :NA                         | <b>3)FANG, Tong</b>                                                                                                                                             |
| Filing Date                                   | :NA                         | <b>4)TYAN, Jason Jenn-Kwei</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 reducing noise in an image sequence includes: detecting structures in an image sequence (110); estimating lighting changes in the image sequence and compensating for the estimated lighting changes (120); detecting moving structures in the image sequence using the detected structures after compensating for the estimated lighting changes in the image sequence (130); and adaptively filtering imaging noise in the image sequence (140).



(54) Title of the invention : CYLINDER HEAD WITH OIL RETURNING STRUCTURE

(51) International classification

:F16S 3/02,  
F16S 3/04

(31) Priority Document No

:094143160

(32) Priority Date

:07/12/2005

(33) Name of priority country

:Chinese  
Taipei

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

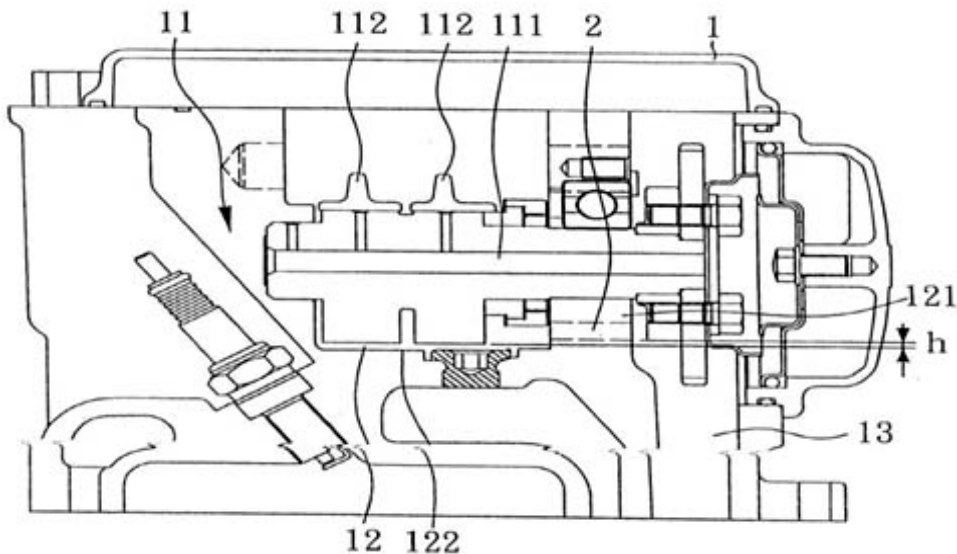
**1)SANYANG INDUSTRY CO., LTD.**Address of Applicant :184 KENG TZU KOU, SHANG KENG  
VILLAGE, HSIN FONG SHIANG, HSINCHU, TAIWAN China

(72)Name of Inventor :

**1)CHANG SHU-CHE****2)HSIEH, WEN-HO****3)WU KUO-NAN**

(57) Abstract :

A cylinder head with oil returning structure comprises a cam chamber, a cam shaft mounted inside the cam chamber, at least one cam mounted on the cam shaft and radially outwardly extended from the cam shaft, and an oil-retaining recess located at a bottom part of the cam chamber. The cam extends to the oil-retaining recess. The oil-retaining recess has a bottom surface, a side wall surrounding the oil-retaining recess, and at least one oil-returning hole penetrating the surrounding side wall and spaced from the bottom surface at a specific height. Therefore, the oil inside the oil-retaining recess will be backflow via the oil-returning hole to avoid the detention problem, and that the oil-retaining recess will remain a small amount of oil to infiltrate the cam when the vehicle is in parking.

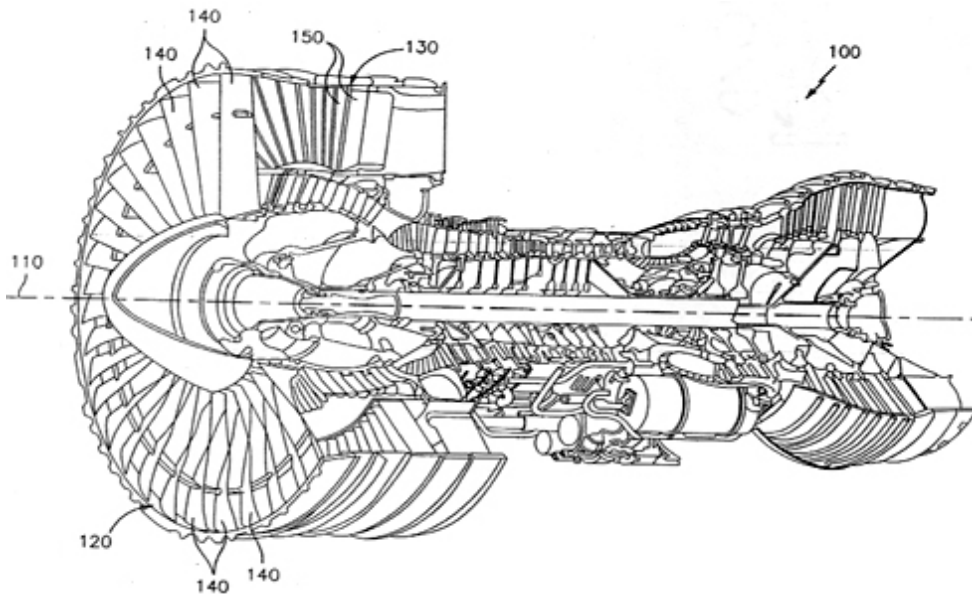


(54) Title of the invention : AIRFOIL EMBODYING MIXED LOADING CONVENTIONS

|                                               |                               |                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F16J<br>12/00; F16J<br>13/00 | (71) <b>Name of Applicant :</b><br><b>1)UNITED TECHNOLOGIES CORPORATION</b><br>Address of Applicant :UNITED TECHNOLOGIES BULIDING,<br>HARTFORD CONNECTICUT 06101 U.S.A. |
| (31) Priority Document No                     | :11/303,672                   | (72) <b>Name of Inventor :</b>                                                                                                                                          |
| (32) Priority Date                            | :16/12/2005                   | <b>1)GROVER, ERIC A.</b>                                                                                                                                                |
| (33) Name of priority country                 | :U.S.A.                       | <b>2)PRAISNER, THOMAS J.</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 high-lift airfoil embodying a combination of loading conventions in a single design specifically to reduce and control total pressure losses that occur in the flow channels between airfoils employed in turbomachinery applications is disclosed herein. The mixed-loading high-lift airfoil designs embody and exhibit the best total profile and secondary loss characteristics possessed by both aft-loaded airfoil and front-loaded airfoil conventions through controlling the development and interaction of boundary layers forming along the surfaces of the airfoils and the endwalls in such applications. The mixed-loading high-lift airfoil may be utilized in both rotating and non-rotating turbomachinery applications.

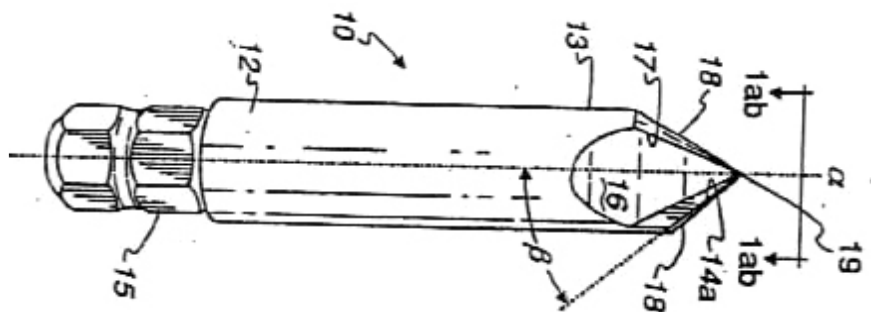


(54) Title of the invention : DAMAGED BOLT AND SCREW DEVICE

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :A47G 3/00  | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :11/225,424 | <b>1)COMBINED PRODUCTS CO. #1, INC.</b>                 |
| (32) Priority Date                            | :22/10/2005 | Address of Applicant :4010 WEST BELDEN AVENUE, CHICAGO, |
| (33) Name of priority country                 | :U.S.A.     | ILLINOIS 60639 U.S.A.                                   |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                  |
| Filing Date                                   | :NA         | <b>1)KOZAK, BURTON</b>                                  |
| (87) International Publication No             | : NA        | <b>2)KOZAK, IRA M.</b>                                  |
| (61) Patent of Addition to Application Number | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |
| (62) Divisional to Application Number         | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |

(57) Abstract :

A bit for removing a broken fastener comprises a tip from which extend two or more notches separated by traction or biting surfaces formed from two-sided frusto-conically-shaped regions. The surfaces are bounded on one side by a nonlinear cutting edge and on the other side by a non-cutting edge and are configured to cut into the fastener when the bit is rotated in a direction opposite to the fastener's direction of engagement. Specific embodiments include configurations where the cutting edges extend at different angles with respect to the bit axis, where the biting surfaces comprise a plurality of serrations, and where the cutting edges are separated by flutes which spiral along a longitudinally extending periphery of the bit.

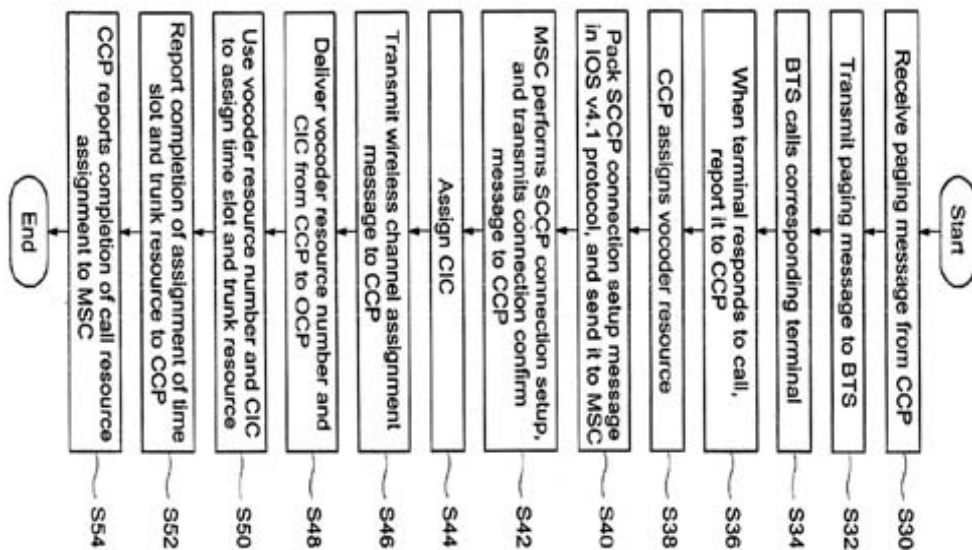


(54) Title of the invention : WIRELESS LOCAL LOOP BASE STATION CONTROLLER AND METHOD FOR PERFORMING CALL PROCESSING USING THE SAME

|                                               |                       |                                                                                                                 |
|-----------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04N<br>5/222        | (71)Name of Applicant :<br><b>1)LG-NORTEL CO., LTD.</b>                                                         |
| (31) Priority Document No                     | :10-2005-<br>97334    | Address of Applicant :7TH, 8TH FLOOR, GS KANGNAM TOWER<br>679, YEOKSAM-DONG, GANGNAM-GU SEOUL Republic of Korea |
| (32) Priority Date                            | :17/10/2005           | (72)Name of Inventor :                                                                                          |
| (33) Name of priority country                 | :Republic<br>of Korea | <b>1)JUNG HYUN JU</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 wireless local loop (WLL) base station controller includes a call control processor adapted to perform call control according to an internetworking operation system (IOS) protocol and to manage information generated during call processing. The WLL controller further includes a common channel signaling processor adapted to process and manage messages interchanged according to the IOS protocol between the call control processor and mobile switching center. Also included is an operation control processor adapted to perform inter-process communication with a common channel signaling processor to bypass an IOS-related message delivered from the call control processor to the mobile switching controller. The WLL controller can therefore be reconstructed to serve as a base station controller of a 3G mobile communication network for converting a currently working WLL network into a 3G mobile communication network.



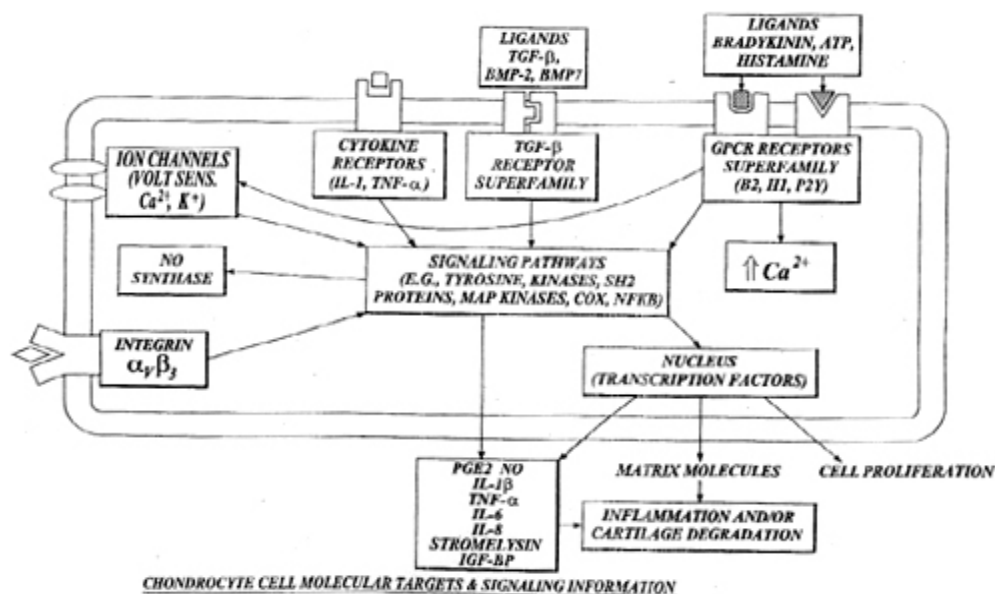
(54) Title of the invention : SOLUTIONS AND METHODS FOR INHIBITION OF PAIN, INFLAMMATION AND CARTILAGE DEGRADATION.

(51) International classification :A61B 17/00  
 (31) Priority Document No :60/144,904  
 (32) Priority Date :21/07/1999  
 (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 :  
 Filed on IN:PCT/2002/14  
 :03/01/2002

(71)Name of Applicant :  
**1)OMEROS MEDICAL SYSTEMS, INC.**  
 Address of Applicant :SUITE 2050, 1420 FIFTH AVENUE,  
 SEATTLE, WA 98101 U.S.A.  
 (72)Name of Inventor :  
**1)DEMOPULOS GREGORY A.**  
**2)PALMER PAMELA P.**  
**3)HERZ JEFFREY M**

(57) Abstract :

Methods and solutions for inhibiting a variety of pain and inflammation processes at wounds from general surgical: procedures including arthroscopic procedures, and for inhibiting cartilage degradation are disclosed. The solutions preferably include multiple pain and inflammation inhibitory at dilute concentration in a physiologic carrier, such as saline or lactated Ringer's solution. The solution may be applied by continuous irrigation of a wound during a surgical procedure for preemptive inhibition of pain and while avoiding undesirable side effects associated with oral, intramuscular, subcutaneous or intravenous application of larger doses of the agents. Alternatively, for combinations of cartilage degradation inhibitors, the solutions may be injected directly into the joint.

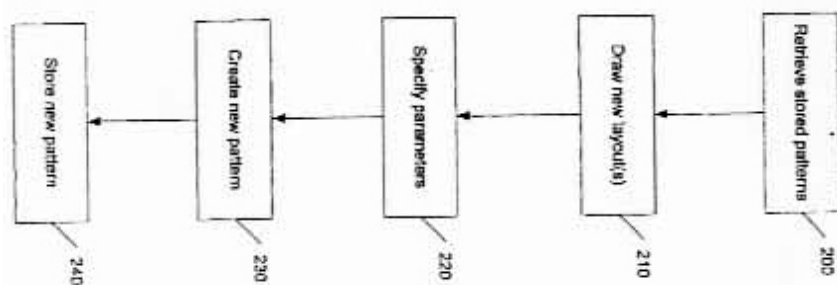


(54) Title of the invention : EXTERNALIZATION OF COIL STRUCTURE PATTERNS

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :G06F17/50         | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :10/876,213        | <b>1)ABB TECHNOLOGY AG</b>                                |
| (32) Priority Date                            | :24/06/2004        | Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH |
| (33) Name of priority country                 | :U.S.A.            | Switzerland                                               |
| (86) International Application No             | :PCT/US2005/022163 | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :23/06/2005        | <b>1)MCINERNEY, JOHN, P</b>                               |
| (87) International Publication No             | :WO 2006/012169    | <b>2)WHITEFOOT, KEVIN, J.</b>                             |
| (61) Patent of Addition to Application Number | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |
| (62) Divisional to Application Number         | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |

(57) Abstract :

A user can create a coil structure pattern on a display screen and annotate it with information such as comments, key values, and script fragments. Generating a coil structure pattern comprises receiving at least one pattern or sub-pattern, and assembling a layout comprising the pattern or sub-pattern. A parameter value, attribute, and/or metadata is provided to the pattern or sub-pattern disposed in the assembled layout, and a coil structure pattern is generated based on the layout and the parameter value, attribute, and/or metadata. The coil structure pattern may be stored in a storage device. A coil pattern creation system comprises a storage device storing a pattern and/or a sub-pattern; a pattern design system for receiving a pattern and/or sub-pattern from the storage device and assembling a layout comprising the pattern and/or sub-pattern; and a user interface coupled to the pattern design system for providing a parameter value, an attribute, and/or metadata to the pattern and/or sub-pattern disposed in the assembled layout. The pattern design system generates a coil structure pattern based on the layout and the parameter value, attribute, and/or metadata. Previously generated coil structure patterns, or parts of the patterns, may be stored and re-used.

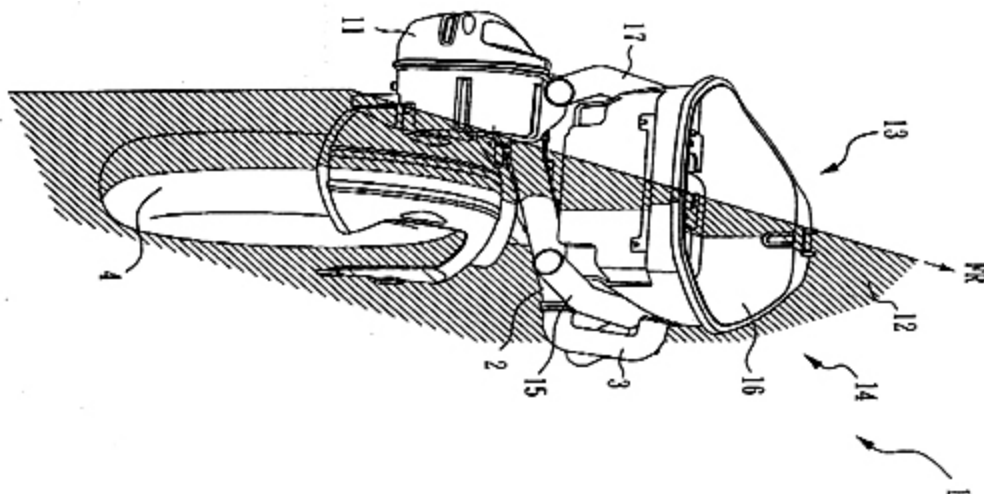


(54) Title of the invention : AIR-INLET STRUCTURE OF AN AIR CLEANER.

|                                               |                    |                                                                       |
|-----------------------------------------------|--------------------|-----------------------------------------------------------------------|
| (51) International classification             | :F02B<br>61/00     | (71) <b>Name of Applicant :</b><br><b>1)SANYANG INDUSTRY CO., LTD</b> |
| (31) Priority Document No                     | :094142077         | Address of Applicant :184 KENG TZU KOU,SHANG KENG                     |
| (32) Priority Date                            | :30/11/2005        | VILLAGE, HSIN FONG SHIANG, HSINCHU, TAIWAN Taiwan                     |
| (33) Name of priority country                 | :Chinese<br>Taipei | (72) <b>Name of Inventor :</b>                                        |
| (86) International Application No             | :NA                | <b>1)WU KUO-NAN</b>                                                   |
| Filing Date                                   | :NA                | <b>2)LIU MEI-HSING</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 air-inlet structure of an air cleaner is disclosed, which has a connecting tube and a curved tube. The connecting tube is connected to an intake port of an air cleaner and is transversely extended to a right side through a central interface of a motorcycle. The curved tube is connected to the connecting tube and is upwardly extended and curved to face the central interface. Therefore, the outside water or dust will be very difficult to get into the air cleaner by the design of the intake port of the air cleaner faces the central interface, so as to prolong the life of the air cleaner, and to enhance the enduring property and the maintainability of the motorcycle engine.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.1082/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :17/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPOSITIONS COMPRISING POLYMERIC EMULSIFIERS AND METHODS OF USING THE SAME

|                                               |                |                                                                                                                                                                         |
|-----------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K<br>47/00 | (71) <b>Name of Applicant :</b><br><b>1)JOHNSON &amp; JOHNSON CONSUMER COMPANIES, INC</b><br>Address of Applicant :Grandview Road, Skillman, New Jersey 08558<br>U.S.A. |
| (31) Priority Document No                     | :11/256,777    |                                                                                                                                                                         |
| (32) Priority Date                            | :24/10/2005    |                                                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.        | (72) <b>Name of Inventor :</b>                                                                                                                                          |
| (86) International Application No             | :NA            | <b>1)Joseph J. LiBrizzi</b>                                                                                                                                             |
| Filing Date                                   | :NA            | <b>2)Anthony J. Cossa</b>                                                                                                                                               |
| (87) International Publication No             | : NA           | <b>3)Elizabeth Edwards</b>                                                                                                                                              |
| (61) Patent of Addition to Application Number | :NA            | <b>4)Deborah Bussey</b>                                                                                                                                                 |
| Filing Date                                   | :NA            |                                                                                                                                                                         |
| (62) Divisional to Application Number         | :NA            |                                                                                                                                                                         |
| Filing Date                                   | :NA            |                                                                                                                                                                         |

(57) Abstract :

Provided are oil-in-water sunscreen compositions comprising inorganic sunscreens and polymeric emulsifiers that are substantially free of hydrophobic modification, and methods of using the same.

(54) Title of the invention : APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS

(51) International classification

:A61B

19/00

(31) Priority Document No

:11/263,010

(32) Priority Date

:31/10/2005

(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)ETHICON, INC**

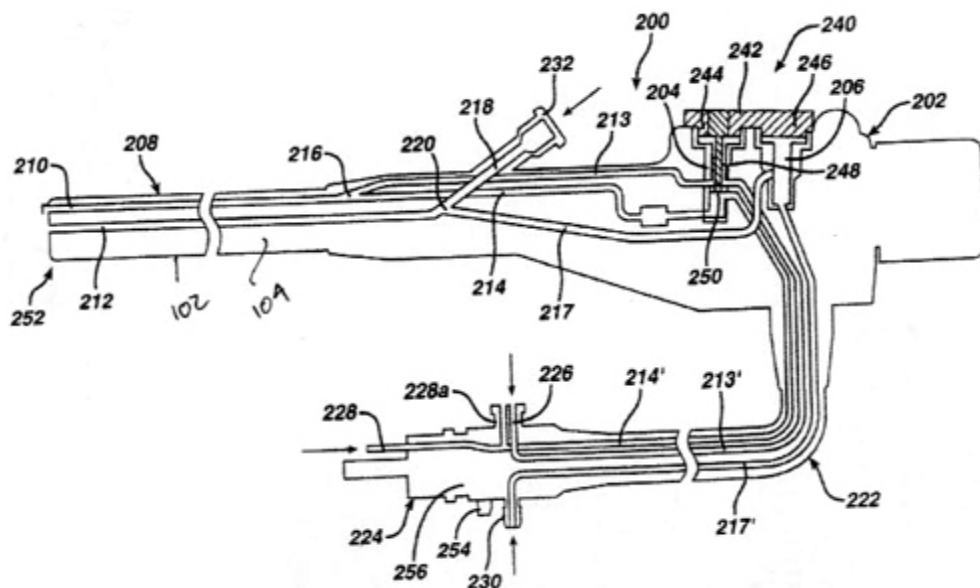
Address of Applicant :US. Route 22, Somerville, NJ 08876 U.S.A.

(72)Name of Inventor :

**1)Szu-Min Lin****2)Robert C. Platt Jr.****3)Vinod Mirchandani**

(57) Abstract :

A method provides flow to multiple channels in an endoscope during an endoscope decontamination procedure. A member is inserted into a chamber in a body of an endoscope through an opening into the chamber, the chamber being intersected by a first lumen and a second lumen. The member separates fluidly the first lumen from the second lumen. Fluid is flowed through a first channel through the member into the first lumen and through a second channel through the member into the second lumen. Additional lumens can be so treated at the same time. Fluids can include detergents and other cleaning fluids, disinfectants and sterilants.

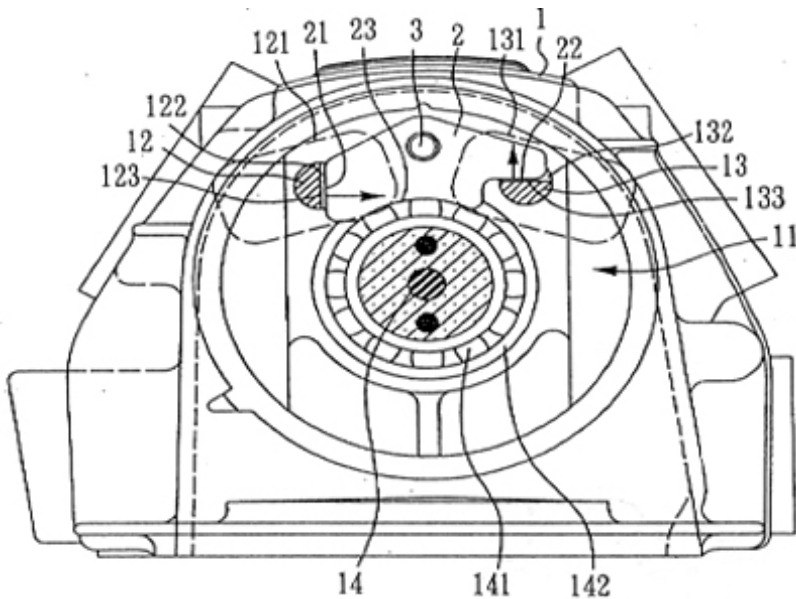


(54) Title of the invention : ROTATION STOPPER PLATE FOR ROCKER ARM SHAFT

|                                               |                               |                                                                                                                                                                            |
|-----------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F16D<br>11/00,<br>F16D 13/00 | (71) <b>Name of Applicant :</b><br><b>1)SANYANG INDUSTRY CO., LTD.</b><br>Address of Applicant :184 KENG TZU KOU, SHANG KENG<br>VILLAGE, HSIN FONG SHIANG, HSINCHU, Taiwan |
| (31) Priority Document No                     | :094142882                    | (72) <b>Name of Inventor :</b>                                                                                                                                             |
| (32) Priority Date                            | :06/12/2005                   | <b>1)CHAO, CHIH-CHI</b>                                                                                                                                                    |
| (33) Name of priority country                 | :Chinese<br>Taipei            | <b>2)WANG, YU-YING</b>                                                                                                                                                     |
| (86) International Application No             | :NA                           | <b>3)WU, CHIA-NUNG</b>                                                                                                                                                     |
| Filing Date                                   | :NA                           | <b>4)LAI, CHEN-TUNG</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 rotation stopper plate for rocker arm shaft mounted in a cylinder head to stop first and second rocker arm shafts from rotation is disclosed to have a first side edge extended in a first normal direction to a notch on the first rocker arm shaft and abutted against the bottom wall of the associating notch, a second side edge extended in a second normal direction to a notch on the second rocker arm shaft and abutted against the bottom wall of the associating notch. The first normal direction and the second normal direction define a contained angle neither 0o nor 180o.



(54) Title of the invention : "BEVERAGE CONTAINER"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B65D 41/08        |
| (31) Priority Document No                     | :0414065.3         |
| (32) Priority Date                            | :23/06/2004        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2005/002479 |
| Filing Date                                   | :23/06/2005        |
| (87) International Publication No             | :WO 2006/000778    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

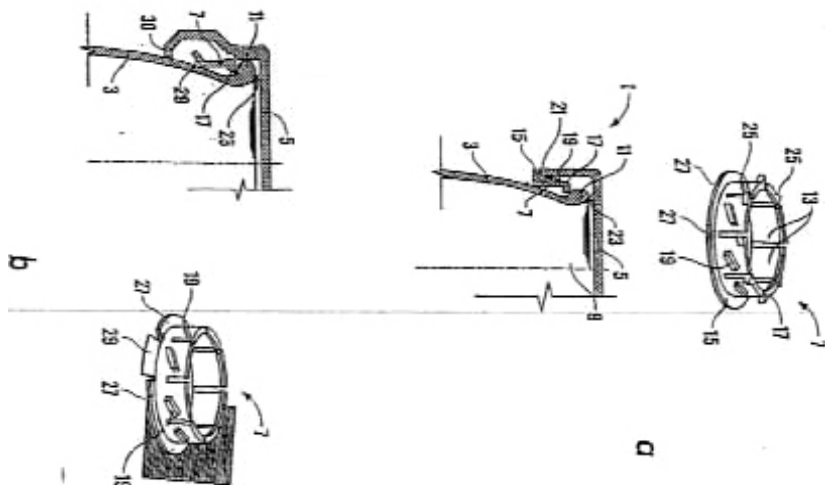
**1)DUBOIS LIMITED**Address of Applicant :AMARAY HOUSE, ARKWRIGHT ROAD,  
CORBY NORTHANTS NN17 5AE, U.K.

(72)Name of Inventor :

**1)FARRAR, PETER, ANTONY****2)HEIN, JOHN****3)DANDO, WILLIAM, GEORGE****4)FRASER, ANTHONY, HENRY, JOSEPH**

(57) Abstract :

A beverage container comprising a container body (3) including an opening and a plurality of recesses (80) in an exterior surface thereof, a cap (5) for closing the opening, and a collar (73) having a plurality of flaps (13) engagement with the recesses (80) to mount the collar (73) on the container body (3), the cap (5) and the collar (73) being connected to each other by a screw thread such that when secured together the collar (73) and hence the cap (5) is secured to the container body (3).

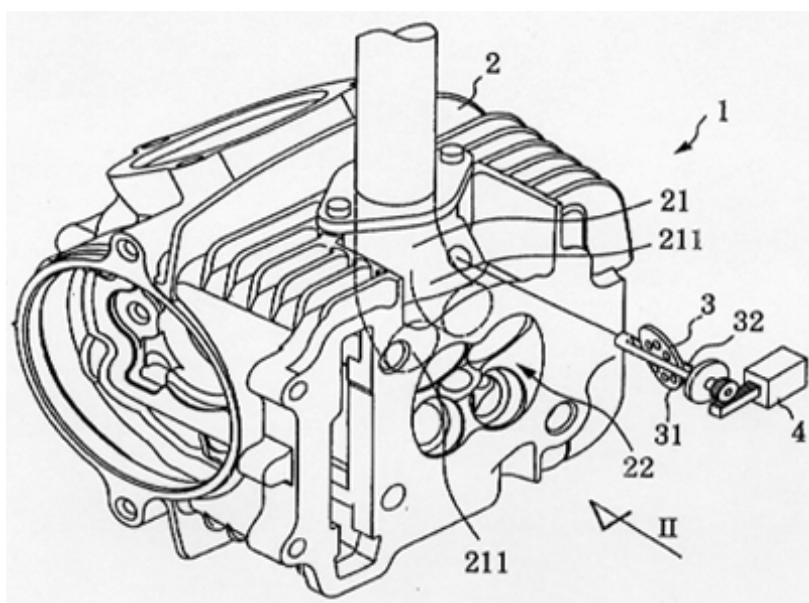


(54) Title of the invention : ENGINE AIR INTAKE CONTROL STRUCTURE

|                                               |                               |                                                                                                                                                                        |
|-----------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F02B<br>57/00,<br>F02B 59/00 | (71) <b>Name of Applicant :</b><br><b>1)SANYANG INDUSTRY CO., LTD.</b><br>Address of Applicant :184 KENG TZU KOU,SHANG KENG<br>VILLAGE, HSIN FONG SHIANG,HSINCHU China |
| (31) Priority Document No                     | :094142881                    | (72) <b>Name of Inventor :</b>                                                                                                                                         |
| (32) Priority Date                            | :06/12/2005                   | <b>1)CHANG, HUI-TING</b>                                                                                                                                               |
| (33) Name of priority country                 | :Chinese<br>Taipei            | <b>2)WANG,YU-REN</b>                                                                                                                                                   |
| (86) International Application No             | :NA                           | <b>3)YEH,CHI-NAN</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 engine air intake control structure includes a perforated valve flap pivotally mounted in one of at least two intake in a cylinder head and having at least one through hole. The other type of the present invention includes a choke valve flap pivotally mounted in one of at least two intake in a cylinder head and defining with the associating intake pipe an air passage. Therefore, a local high concentration fuel mixture passes through the air passage or the through hole to the combustion chamber and the major part of the intake fuel mixture passes through the other intake pipe to the combustion chamber to enhance the formation of vortex and lean burn, thereby reducing fuel oil consumption and production of pollution.



(54) Title of the invention : A CABLEWAY HAVING DEVICES FOR CONVEYING PERSONS

(51) International classification

:F16K  
29/00,  
F16K 31/00  
:A

(31) Priority Document No

1772/2005

(32) Priority Date

:28/10/2005

(33) Name of priority country

:Austria

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

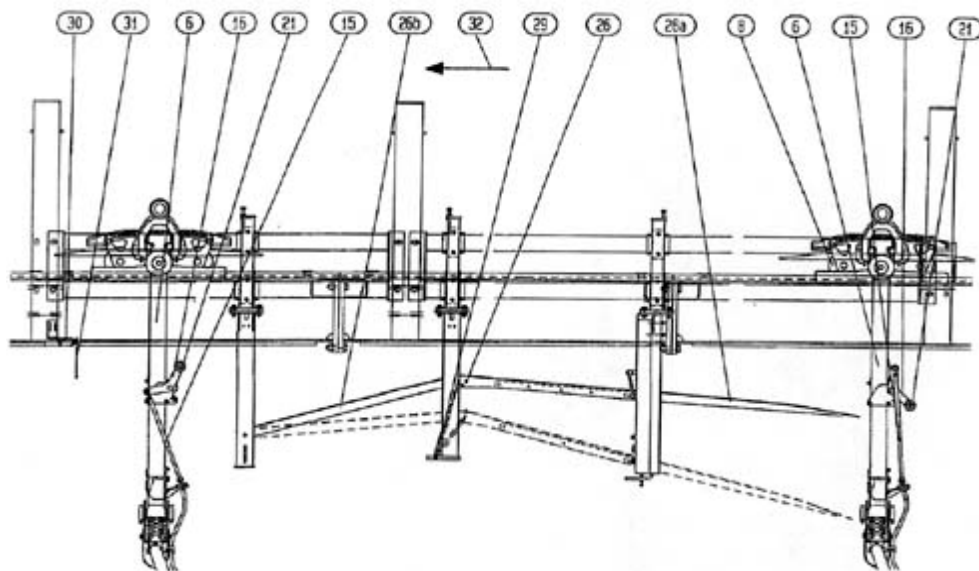
**1)INNOVA PATENT GMBH**Address of Applicant :RICKENBACHERSTRASSE 8-10 A-6960  
WOLFURT Austria

(72)Name of Inventor :

**1)SUTTER, JOSEF****2)Ä-STERLE, MANFRED****3)SCHWENDINGER, HERBERT**

(57) Abstract :

A chairlift has chairs (1) for conveying persons, said chairs being if appropriate detachably fastened to a cable. A closing bar(9) can be moved from a closed position into an open position and is mechanically connected by means of a Bowden cable (15) to a lever (16) which interacts with rails (26, 27) which are arranged at the entry and exit of a station of the cableway system. In order to check whether the closing bar (9) is completely opened or closed, a sensor (30, 31) for detecting the position of the actuating device (15,16)is arranged in the region of the end of the rails (26, 27) as viewed in the conveying direction (32) of the cable.

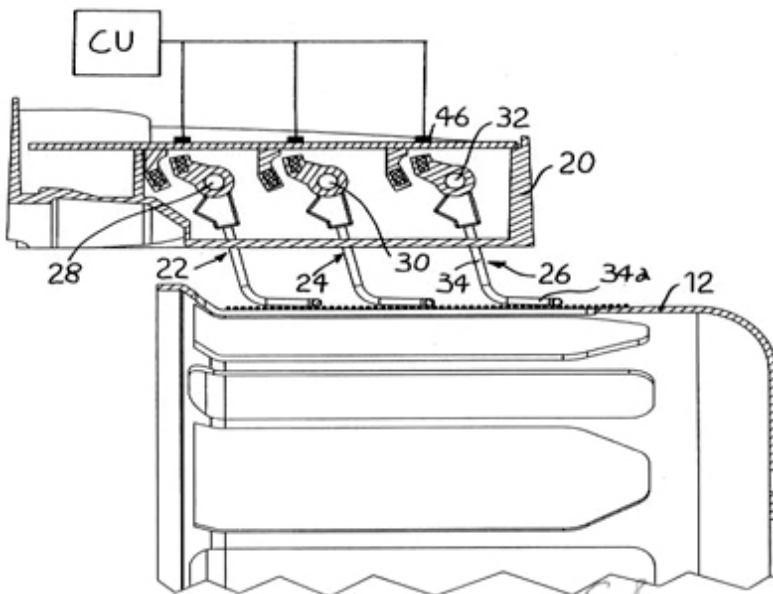


(54) Title of the invention : WEFT STOCK DETECTOR FOR WEFT FEEDERS

|                                               |                            |                                                                                    |
|-----------------------------------------------|----------------------------|------------------------------------------------------------------------------------|
| (51) International classification             | :F16D 28/00,<br>F16D 29/00 | (71) <b>Name of Applicant :</b><br><b>1)L.G.L. ELECTRONICS S.P.A.</b>              |
| (31) Priority Document No                     | :T02005A000810             | Address of Applicant :Via Ugo Foscolo, 156, 24024 Gandino (prov. of Bergamo) Italy |
| (32) Priority Date                            | :18/11/2005                | (72) <b>Name of Inventor :</b>                                                     |
| (33) Name of priority country                 | :Italy                     | <b>1)CASTELLI ROSARIO</b>                                                          |
| (86) International Application No             | :NA                        | <b>2)ZENONI PIETRO</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 weft stock detector is for weft feeders provided with a stationary drum (12) having yarn loops wound thereon and forming a weft stock (RT). There feeler arms (22,24,26) are hinged by side of the drum about respective axes (28,30,32) and are biased with their respective contact ends (34a) against the lateral surface of the drum by respective biasing means for swinging in relation to the presence/absence of loops on the drum. The biasing means comprising a first magnet (42) supported on the feeler arm (34), and a second magnet (44) having equal polarity and supported at a fixed position in front of the first magnet. Each feeler arm is provided with a magnetic sensor (46) for detecting the movements of the respective feeler arm.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1099/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :19/10/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : PESTICIDAL COMPOSITION

|                                               |                                         |                                                                                                                                                            |
|-----------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A01P13/00;<br>A01N25/04;<br>A01N25/30; | (71) <b>Name of Applicant :</b><br><b>1)SUMITOMO CHEMICAL COMPANY,LIMITED</b><br>Address of Applicant :27-1,Shinkawa 2-chome,Chou-ku, Tpkyo 104-8260 Japan |
| (31) Priority Document No                     | :2005-315886                            | (72) <b>Name of Inventor :</b>                                                                                                                             |
| (32) Priority Date                            | :31/10/2005                             | <b>1)YUMIKO KOZUKI</b>                                                                                                                                     |
| (33) Name of priority country                 | :Japan                                  | <b>2)YASUSHI MIMA</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 pesticidal composition comprising pyridaryl, a nonionic surfactant selected from the group consisting of alkoxyated castor oil and alkoxyated hydrogenated castor oil, a salt alkylbenzenesulfonic acid and an aromatic hydrocarbon has excellent stability when it is diluted with water.



(54) Title of the invention : ACTIVE ENERGY CURABLE INK COMPOSITION FOR MULTICOAT PRINTING

|                                               |                                      |                                                                                                                                                              |
|-----------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C09D11/00,<br>B41J2/01,<br>B41M5/00 | (71) <b>Name of Applicant :</b><br><b>1)MATSUI CHEMICAL CO., LTD.</b><br>Address of Applicant :130, JIBU-CHO, FUSHIMI-KU, KYOTO-SHI,<br>KYOTO 612-8374 Japan |
| (31) Priority Document No                     | :2004-195817                         | (72) <b>Name of Inventor :</b>                                                                                                                               |
| (32) Priority Date                            | :01/07/2004                          | <b>1)MANO, HIROTSUGU</b>                                                                                                                                     |
| (33) Name of priority country                 | :Japan                               | <b>2)YAHISA, TAKATO</b>                                                                                                                                      |
| (86) International Application No             | :PCT/JP2005/011336                   | <b>3)HIGASHI, SATOHISA</b>                                                                                                                                   |
| Filing Date                                   | :21/06/2005                          | <b>4)OKUNO, NAOKO</b>                                                                                                                                        |
| (87) International Publication No             | :WO 2006/003811                      | <b>5)OGITA, TAKASHI</b>                                                                                                                                      |
| (61) Patent of Addition to Application Number | :NA                                  | <b>6)ASHIKAGA, KAZUO</b>                                                                                                                                     |
| Filing Date                                   | :NA                                  |                                                                                                                                                              |
| (62) Divisional to Application Number         | :NA                                  |                                                                                                                                                              |
| Filing Date                                   | :NA                                  |                                                                                                                                                              |

## (57) Abstract :

There is provided an active energy curable composition which is suitable as an ink composition for multicoat printing such as multi-color coating. The active energy curable ink composition for multicoat printing comprises (A) a urethane compound comprising a reaction product of a polyol component with a polyisocyanate component having no aromatic ring structure, (B) a resin having an acid value of 5 to 100 mgKOH/g and (C) a reactive diluent having radically polymerizable double bond, in which at least one of the compound (A) and the resin (B) has a radically polymerizable double bond, and only a compound having 1 to 3 radically polymerizable double bonds and having a surface tension of not more than 39 mN/m (at 20°C) is used as the reactive diluent (C).

(54) Title of the invention : "NOISE DAMPER FOR A COMPRESSED AIR DEVICE".

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :F01N1/08;<br>B60T17/00 |
| (31) Priority Document No                     | :20 2004 011 630.8      |
| (32) Priority Date                            | :24/07/2004             |
| (33) Name of priority country                 | :Germany                |
| (86) International Application No             | :PCT/EP2005/006029      |
| Filing Date                                   | :04/06/2005             |
| (87) International Publication No             | :WO 2006/010400         |
| (61) Patent of Addition to Application Number | :NA                     |
| Filing Date                                   | :NA                     |
| (62) Divisional to Application Number         | :NA                     |
| Filing Date                                   | :NA                     |

(71)Name of Applicant :

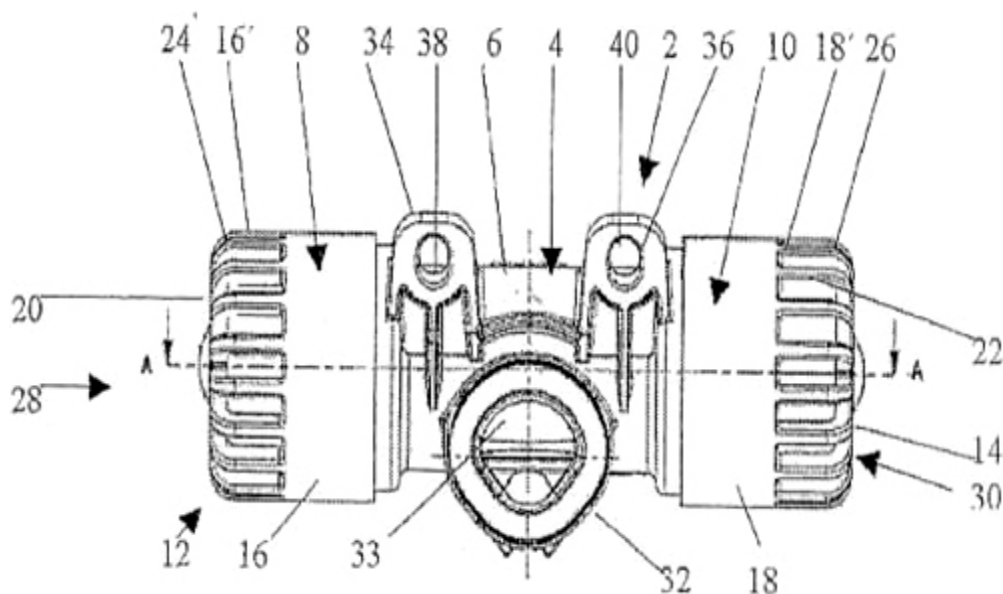
**1)WABCO GMBH & CO. OHG**Address of Applicant :AM LINDENER HAFEN 21, 30453,  
HANNOVER,GERMANY Germany

(72)Name of Inventor :

**1)CHRISTOFFERS, BERND****2)HARTING, HENDRIK****3)STEINFELD, DIETER**

(57) Abstract :

The invention relates to a noise damper for a compressed air device comprising a tubular housing part provided with an air inlet and an inserted insulating material, in particular an inserted knitted fabric roll. The aim of the invention is to produce an improved noise damper which provides better sound dampening, simultaneously implements high ventilation gradients, is insertable in confined spaces of a motor vehicle and easily manufactured. For this purpose, the air inlet (32, 33) is embodied in the envelope (16, 18) of the tubular housing part (6) in such a way that the supplied air tangentially flows through the insulating material or the knitted fabric roll (42), afterwards, is radially deviated inside said tubular housing part (6) and axially flows out from at least one end of the tubular housing part.



(54) Title of the invention : " BEVERAGE CONTAINER"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B65D25/00         |
| (31) Priority Document No                     | :0414065.3         |
| (32) Priority Date                            | :23/06/2004        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2005/002471 |
| Filing Date                                   | :23/06/2005        |
| (87) International Publication No             | :WO 2006/000774    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

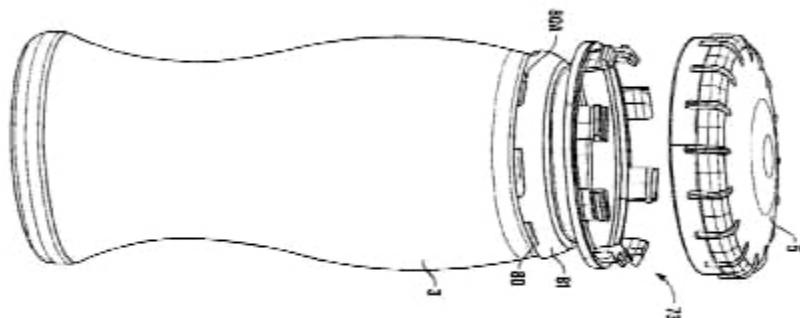
**1)DUBOIS LIMITED**Address of Applicant :AMARAY HOUSE, ARKWRIGHT ROAD,  
CORBY NORTHANTS NN17 5AE U.K.

(72)Name of Inventor :

**1)FARRAR, PETER, ANTONY****2)HEIN, JOHN****3)FRASER, ANTHONY, HENRY, JOSEPH****4)DANDO, WILLIAM, GEORGE**

(57) Abstract :

A beverage container (1) comprises a container body (3) including an opening, a cap (5) to close the opening, and a collar (7), mountable on the container body (3). The cap (5) and the collar (7) include cooperating securement means (19, 21) by which the cap (5) may be secured to the collar (7), thereby securing the cap (5) to the container body (3) when the collar (7) is mounted on the container body (3). The cap (5), the collar (7) and the container body (3) are configured such that removal of the cap (5) from the container body (3) causes removal of the collar (7) from the container body (3).



## (54) Title of the invention : MOTOR SPINDLE

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :EO5F           |
| (31) Priority Document No                     | :202005018002.5 |
| (32) Priority Date                            | :17/11/2005     |
| (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)DECKEL MAHO PFRONTEN GMBH**

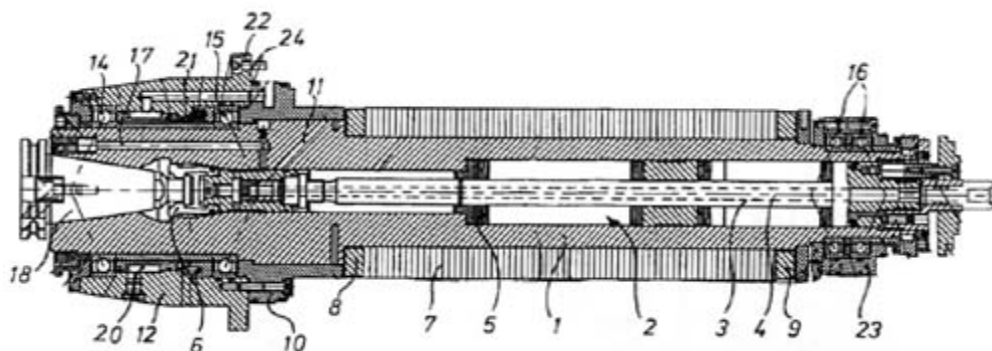
Address of Applicant :DECKEL MAHO STRASSE 1, 87459 PFRONTEN, GERMANY Germany

## (72)Name of Inventor :

**1)ALFRED GEISSLER****2)MANFRED KUISEL**

## (57) Abstract :

The subject matter of the invention is a motor spindle for machine tools comprising a spindle housing(25)mounted on a machine part,a work spindle(1)supported in the spindle housing(25)in axially spaced roller bearings(14-16),an electric drive motor(7,27)the stator(27)of which is fixed in the spindle housing(5)and the rotor(7) of which is fixed to the work spindle(1)and operably by a hydraulic ring cylinder(34)against the force of spring unit(5),and an internal coolant supply(33,4)for the tool integrated in the clamping unit(2)and comprising a rotational feedthrough(37)for the coolant provided within the hydraulic ring cylinder(34). For a technically simple and low-cost implementation of maintenance and repair services on the motor spindle the work spindle(1)as well as the rotor(7), the clamping unit(2)and the bearing arrangements (14-16)are formed as a modular assembly mountable in the spindle housing(25)carrying the stator(27)from the front side, the ring cylinder(34)for releasing the clamping unit(2)and the rotational feedthrough being disposed in an end portion of the spindle housing(25).

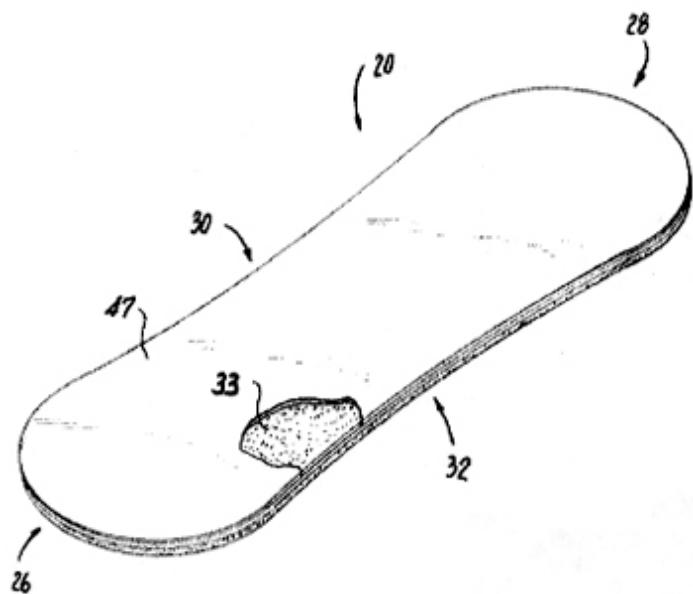


(54) Title of the invention : SANITARY NAPKIN INCLUDING BODY -FACING ADHESIVE .

|                                               |             |                                                       |
|-----------------------------------------------|-------------|-------------------------------------------------------|
| (51) International classification             | :A61F       | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :11/263,494 | <b>1)McNeil-PPC,INC</b>                               |
| (32) Priority Date                            | :31/10/2005 | Address of Applicant :199,GRANDVIEW ROAD,SKILLMAN, NJ |
| (33) Name of priority country                 | :U.S.A.     | 08558 USA U.S.A.                                      |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :NA         | <b>1)JOSEPH M.LUIZZI</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 absorbent articles including an adhesive on a body-facing surface of the article for securing the article to body,the adhesive having the following properties:



(54) Title of the invention : "MULTILAYER OPTICAL DISC AND METHOD AND APPARATUS FOR MAKING SAME".

(51) International classification :G11B7/24  
 (31) Priority Document No :60/585,574  
 (32) Priority Date :07/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/IL2005/000728  
 Filing Date :07/07/2005  
 (87) International Publication No :WO 2006/003666  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)NME, INC.**

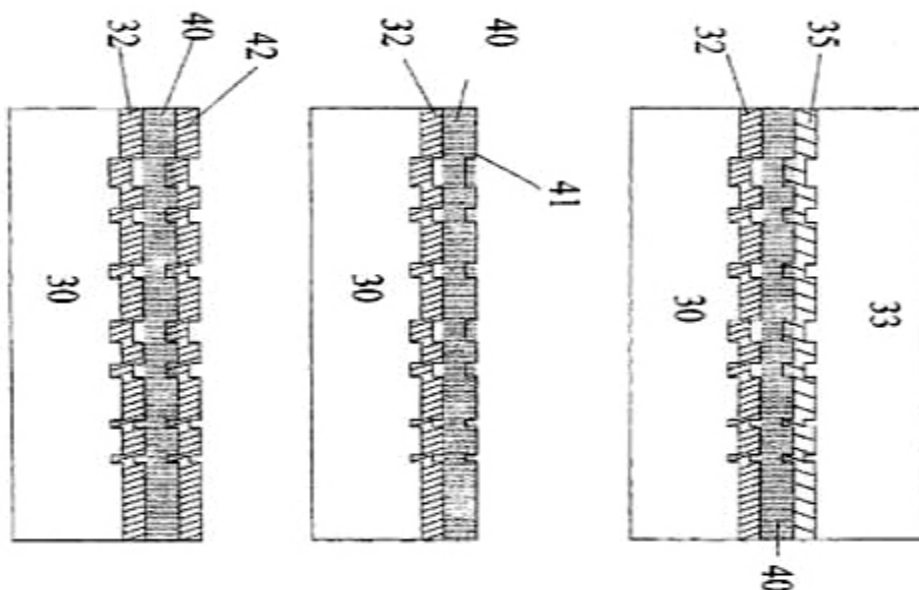
Address of Applicant :195, THE VALE, LONDON, W3 7QS U.K.

(72)Name of Inventor :

**1)LEVICH, EUGENE****2)BINYUKOV, VLADIMIR****3)MAGNITSKII, SERGEI****4)MALAKHOV, DMITRY**

(57) Abstract :

Multilayer Optical Disc and Method and Apparatus for making same are proposed The technology provides increasing the number of layers in reflective optical disks of any format. The technology allows producing of multilayer optical reflective discs of any format (CD, ROM, DVD ROM, Blue Ray, HD-DVD, DVD-R, DVD-KW, etc.) using existing CD/DVD production lines with reasonable upgrading.

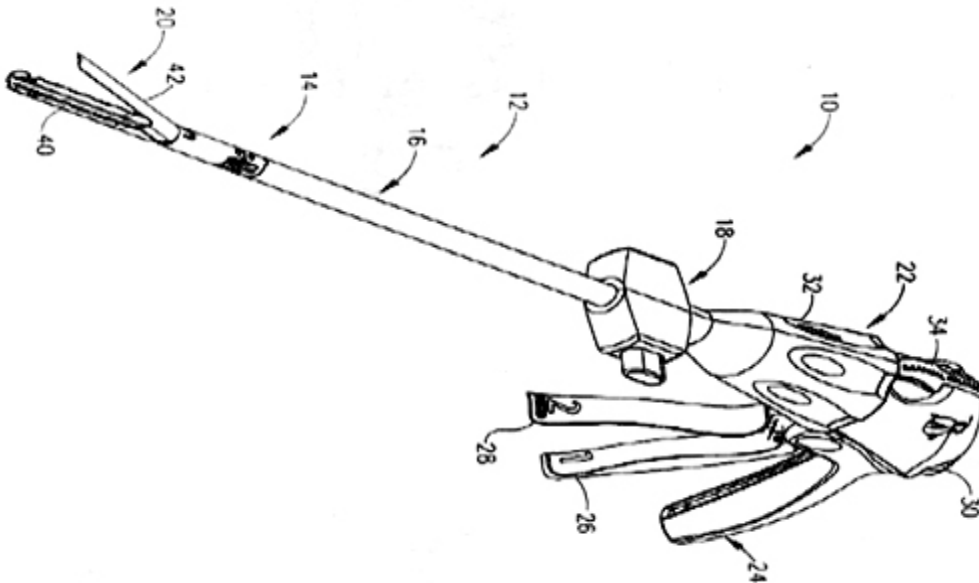


(54) Title of the invention : LOCKOUT MECHANISMS AND SURGICAL INSTRUMENTS INCLUDING SAME.

|                                               |                                          |                                                                                                                                            |
|-----------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B17/072;<br>A61B17/28;<br>A61B17/068 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY, INC</b><br>Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (31) Priority Document No                     | :11/266,961                              | (72) <b>Name of Inventor :</b>                                                                                                             |
| (32) Priority Date                            | :04/11/2005                              | <b>1)Mark S. Ortlz</b>                                                                                                                     |
| (33) Name of priority country                 | :U.S.A.                                  | <b>2)Chad Paul Boudreaux</b>                                                                                                               |
| (86) International Application No             | :NA                                      |                                                                                                                                            |
| Filing Date                                   | :NA                                      |                                                                                                                                            |
| (87) International Publication No             | :11/266,961                              |                                                                                                                                            |
| (61) Patent of Addition to Application Number | :NA                                      |                                                                                                                                            |
| Filing Date                                   | :NA                                      |                                                                                                                                            |
| (62) Divisional to Application Number         | :NA                                      |                                                                                                                                            |
| Filing Date                                   | :NA                                      |                                                                                                                                            |

## (57) Abstract :

A surgical instrument is disclosed. The surgical instrument includes a handle portion, a channel, an anvil, and staple cartridge, a wedge member, a reciprocating firing device, and a lockout arm. The handle portion is operably configured to produce a firing motion and is coupled to the channel portion. The staple cartridge is engaged by the channel and includes a plurality of staple drivers to cam to staples towards the anvil, which is pivotally attached to the channel. The wedge member from an unfired position. The lockout arm is pivotally attached to the channel and operably configured to pivot between a locked position and an unlocked position with respect to the firing device based upon a position of the wedge member

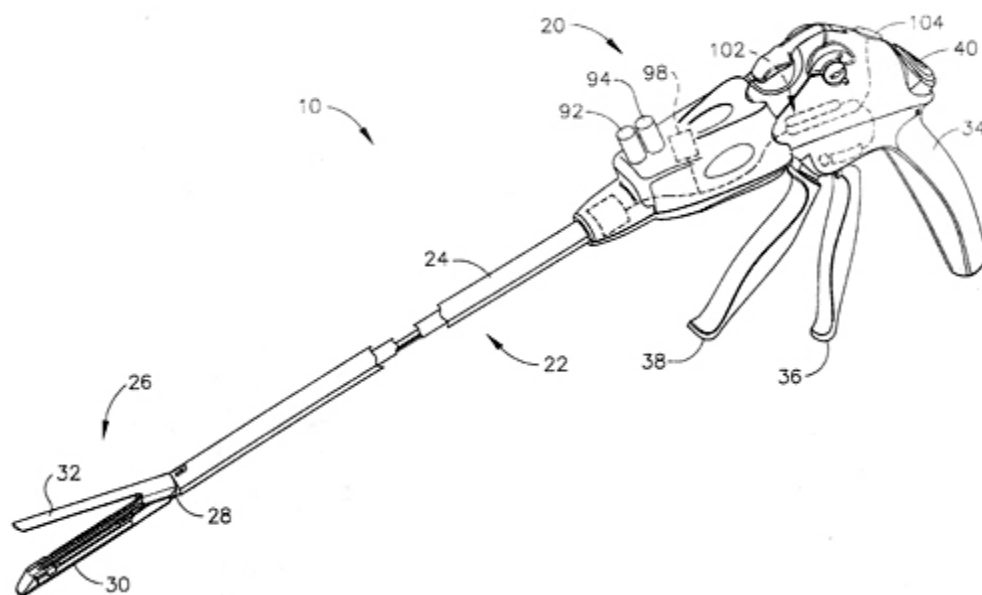


(54) Title of the invention : SURGICAL STAPLING INSTRUMENT STRUCTURED FOR PUMP ASSISTED DELIVERRY OF MEDICAL AGENTS.

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/267,383 | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |
| (32) Priority Date                            | :04/11/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                            |
| (86) International Application No             | :NA         | <b>1)Frederick E. Shelton IV</b>                                  |
| Filing Date                                   | :NA         | <b>2)Jerome R. Morgan</b>                                         |
| (87) International Publication No             | :11/267,383 |                                                                   |
| (61) Patent of Addition to Application Number | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

## (57) Abstract :

A medical agent dispensing system and surgical instruments that employ the medical agent dispensing system are provided. The dispensing system may be structured for use with a surgical severing/stapling instrument structured for serving and stapling tissue. The dispensing system may include at least one storage reservoir; a delivery tube in communication with the pump which is structured to receive a quantity of the medical agent from the storage reservoir during operation of the pump; and at least one agent port formed in a staple cartridge or an anvil of the surgical instrument for dispensing the medical agent therethrough.



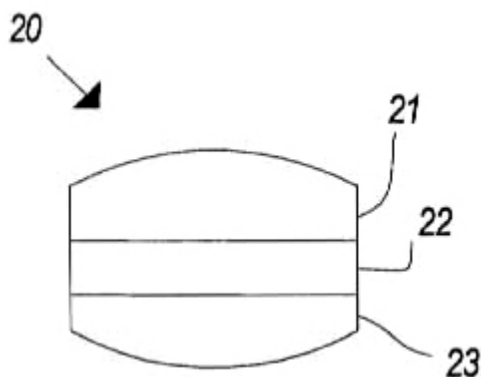


(54) Title of the invention : "COMPRESSED CHEWING GUM TABLET"

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :A23G3/30          | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :NA                | <b>1)GUMLINK A/S</b>                                      |
| (32) Priority Date                            | :NA                | Address of Applicant :DANDYVEJ 19, DK-7100 VEJLE, Denmark |
| (33) Name of priority country                 | :NA                | (72) <b>Name of Inventor :</b>                            |
| (86) International Application No             | :PCT/DK2004/000484 | <b>1)NISSEN VIBEKE</b>                                    |
| Filing Date                                   | :06/07/2004        |                                                           |
| (87) International Publication No             | :WO 2006/002622    |                                                           |
| (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 chewing gum tablet (20) comprising at least two cohered chewing gum modules (21, 22, 23), said tableted chewing gum being formed by compression of chewing gum granules, at least one of said chewing gum modules comprising gum base granules, said gum base granules comprising an elastomer system, said chewing gum tablet comprising an elastomer system in an amount of at least 10% by weight of the tablet. According to the invention, a compressed chewing gum tablet has been obtained featuring extremely impressing abilities of incorporating well-defined amounts of chewing gum ingredients combined with acceptable rheological properties of the compete tablet.

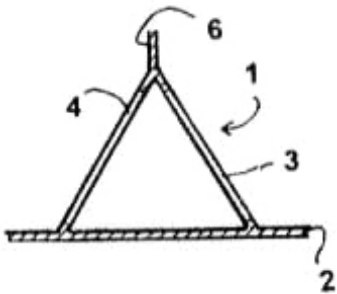


(54) Title of the invention : CONTROLLING CRACKS IN CEMENTITIOUS MATERIALS

|                                               |                         |                                                                                  |
|-----------------------------------------------|-------------------------|----------------------------------------------------------------------------------|
| (51) International classification             | :E04B1/68;<br>E01C11/02 | (71) <b>Name of Applicant :</b><br><b>1)COOK, CHRISTOPHER, JOHN , FOTHERGILL</b> |
| (31) Priority Document No                     | :533777                 | Address of Applicant :27A FREYBURG AVENUE, PAPATOETOE                            |
| (32) Priority Date                            | :25/06/2004             | 1701 New Zealand                                                                 |
| (33) Name of priority country                 | :New Zealand            | (72) <b>Name of Inventor :</b>                                                   |
| (86) International Application No             | :PCT/NZ2005/000125      | <b>1)COOK, CHRISTOPHER, JOHN FOTHERGILL</b>                                      |
| Filing Date                                   | :10/06/2005             |                                                                                  |
| (87) International Publication No             | :WO 2006/001713         |                                                                                  |
| (61) Patent of Addition to Application Number | :NA                     |                                                                                  |
| Filing Date                                   | :NA                     |                                                                                  |
| (62) Divisional to Application Number         | :NA                     |                                                                                  |
| Filing Date                                   | :NA                     |                                                                                  |

(57) Abstract :

Referring to figure 1, an embodiment of the invention involves means 1 for controlling cracking in a body of cementitious material, for example concrete, having an elongate base 2, elongate side wall portions 3 and 4 extending from the base and angling towards one another, and an aperture of apertures in the side wall portions. When the means for controlling cracking is in use it can be positioned base down so that a cementitious substance prone to cracking can be poured around and at least partially through it such that cracks which form in the cementitious substance occur at or in the vicinity of the means for controlling cracking.



(54) Title of the invention : A MACHINE TOOL WITH A PLATE WITH ELASTIC PROPERTIES FOR HOLDING THE CUTTER

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :B23C5/22;<br>B23B51/00 |
| (31) Priority Document No                     | :FR0407750              |
| (32) Priority Date                            | :12/07/2004             |
| (33) Name of priority country                 | :Sweden                 |
| (86) International Application No             | :PCT/SE2005/001032      |
| Filing Date                                   | :29/06/2005             |
| (87) International Publication No             | :WO 2006/006914         |
| (61) Patent of Addition to Application Number | :NA                     |
| Filing Date                                   | :NA                     |
| (62) Divisional to Application Number         | :NA                     |
| Filing Date                                   | :NA                     |

(71)Name of Applicant :

**1)SECO TOOLS AB**

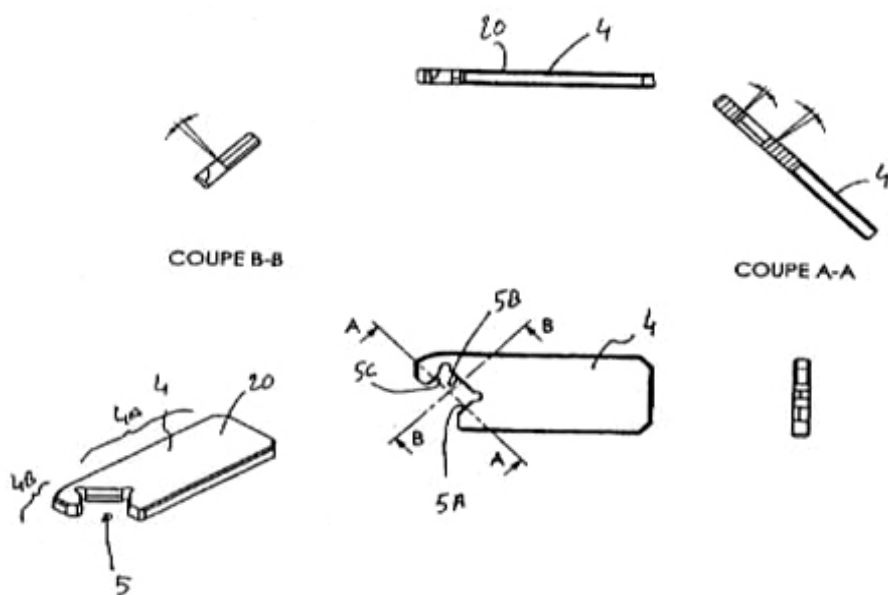
Address of Applicant :S-737 82 FAGERSTA Sweden

(72)Name of Inventor :

**1)PIGEAT,ALAIN**

(57) Abstract :

The object of the invention is a machine tool designed to be fitted with a cutter which is retained by a central screw, this tool being characterised in that it includes a plate (4) which is removable in relation to the body of the tool, where this plate possesses a cut-out (5) for the positioning of a machining cutter with a central hole, this cut-out having two lateral faces (5A, 5B), called the reference faces, and a third face (5C) which bears elastically against said machining cutter.

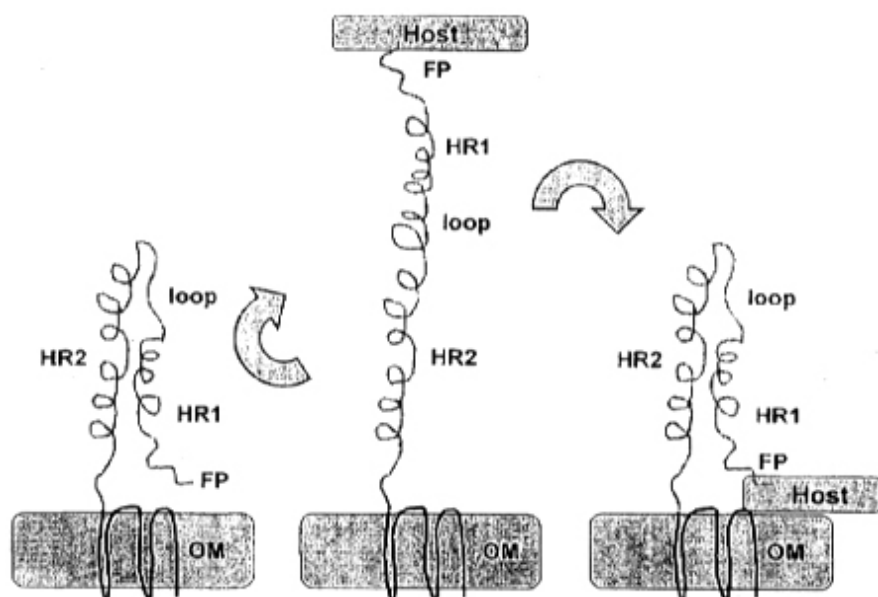


(54) Title of the invention : "INHIBITORS BASED ON FUSION, HR1 AND HR2 SEQUENCES IN BACTERIAL ADHESIN"

|                                               |                                         |                                                                                                                |
|-----------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07K14/195,<br>C07K16/00,<br>A61K38/00 | (71)Name of Applicant :<br><b>1)CHIRON SRL</b><br>Address of Applicant :VIA FIORENTINA 1,I-53100, SIENA, Italy |
| (31) Priority Document No                     | :0415160.1                              | (72)Name of Inventor :                                                                                         |
| (32) Priority Date                            | :06/07/2004                             | <b>1)MASIGNANI, VEGA</b>                                                                                       |
| (33) Name of priority country                 | :U.K.                                   |                                                                                                                |
| (86) International Application No             | :PCT/IB2005/002320                      |                                                                                                                |
| Filing Date                                   | :06/07/2005                             |                                                                                                                |
| (87) International Publication No             | :WO 2006/006074                         |                                                                                                                |
| (61) Patent of Addition to Application Number | :NA                                     |                                                                                                                |
| Filing Date                                   | :NA                                     |                                                                                                                |
| (62) Divisional to Application Number         | :NA                                     |                                                                                                                |
| Filing Date                                   | :NA                                     |                                                                                                                |

(57) Abstract :

A known surface adhesin (NadA) in *Neisseria meningitidis* contains sequences which correspond to the fusion pep-tide, HR1-repeat and HR2 repeat seen in the envelope protein of viruses. Fusion inhibitors may thus be used to inhibit meningococcal infection, and the invention provides a compound that can bind to the heptad repeat sequence(s) HR1 and/or HR2 of the NadA adhesin on the surface of a meningococcus, thereby inhibiting the ability of the meningococcus either to infect a host organism or to spread an existing infection.

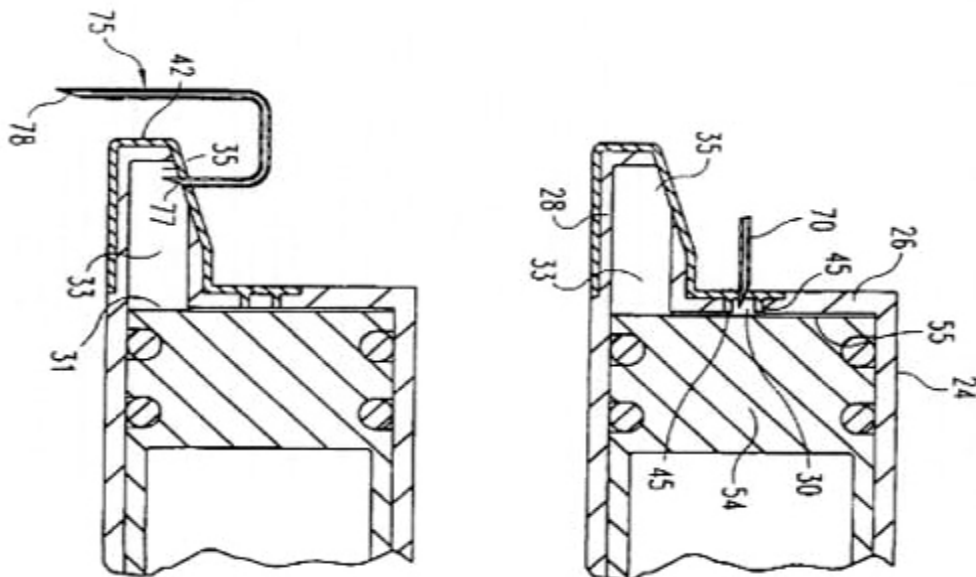


(54) Title of the invention : "MULTIPLE SEPTUM CARTRIDGE FOR MEDICATION DISPENSING DEVICE"

|                                               |                                      |                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61M5/24;<br>A61M5/178;<br>A61M5/32 | (71) <b>Name of Applicant :</b><br><b>1)ELI LILLY AND COMPANY</b><br>Address of Applicant :LILLY CORPORATE CENTER,<br>INDIANAPOLIS, INDIANA 46285 U.S.A. |
| (31) Priority Document No                     | :60/591,570                          | (72) <b>Name of Inventor :</b>                                                                                                                           |
| (32) Priority Date                            | :27/07/2004                          | <b>1)KENNETH, ALAN RITSHER</b>                                                                                                                           |
| (33) Name of priority country                 | :U.S.A.                              | <b>2)ANASTASIOS, G KARAHALIOS</b>                                                                                                                        |
| (86) International Application No             | :PCT/US2005/026399                   |                                                                                                                                                          |
| Filing Date                                   | :26/07/2005                          |                                                                                                                                                          |
| (87) International Publication No             | :WO 2006/014901                      |                                                                                                                                                          |
| (61) Patent of Addition to Application Number | :NA                                  |                                                                                                                                                          |
| Filing Date                                   | :NA                                  |                                                                                                                                                          |
| (62) Divisional to Application Number         | :NA                                  |                                                                                                                                                          |
| Filing Date                                   | :NA                                  |                                                                                                                                                          |

(57) Abstract :

A cartridge for a medication dispensing device which includes multiple septums. The cartridge includes a body and an axially shiftable piston in fluid-tight engagement with an interior surface of the body. The first septum covers a dispensing port that opens to an interior hollow of the body at a proximal location. The second septum covers a filling port that opens to the interior hollow. The first septum is arranged to be engaged by a dispensing conduit moving generally perpendicular to the axial direction for fluidly communicating with the interior hollow during a dispensing operation of the device. The second septum is arranged to be engaged by a filling conduit for fluidly communicating with the interior hollow during filling of the cartridge.



(54) Title of the invention : EXHAUST GAS SYSTEM AND METHOD OF CONNECTING COMPONENTS OF AN EXHAUST GAS SYSTEM

(51) International classification :F01N 7/18  
 (31) Priority Document No :102004038099.6  
 (32) Priority Date :05/08/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/007191  
 Filing Date :04/07/2005  
 (87) International Publication No :WO 2006/015666  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)ARVINMERITOR EMISSIONS TECHNOLOGIES GMBH**

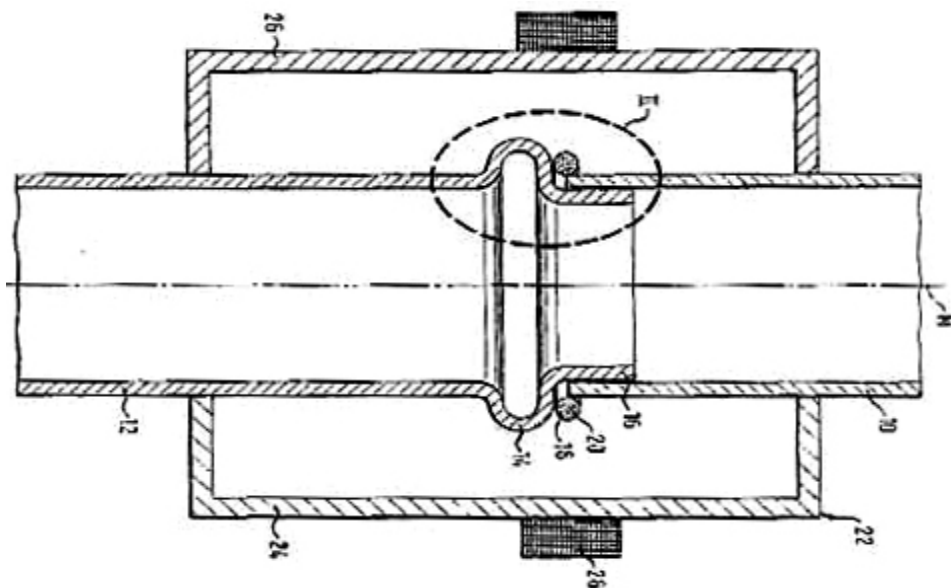
Address of Applicant :BIBERBACHSTRASSE 9, 86154 AUGSBURG, Germany

(72)Name of Inventor :

**1)BLUML, ALFRED****2)CUI, HONGLLANG**

(57) Abstract :

An exhaust gas system with a first component and a second component is characterized in that an induction solder joint is present between the two components (10, 12). In a method of connecting a first component of a vehicular exhaust gas system with a second component provision is made that two components, which are put together and provided with a high temperature solder material (20), are heated up in the region of the solder material by means of an inductor (28) to a temperature which lies above the melting temperature of the solder material (20).

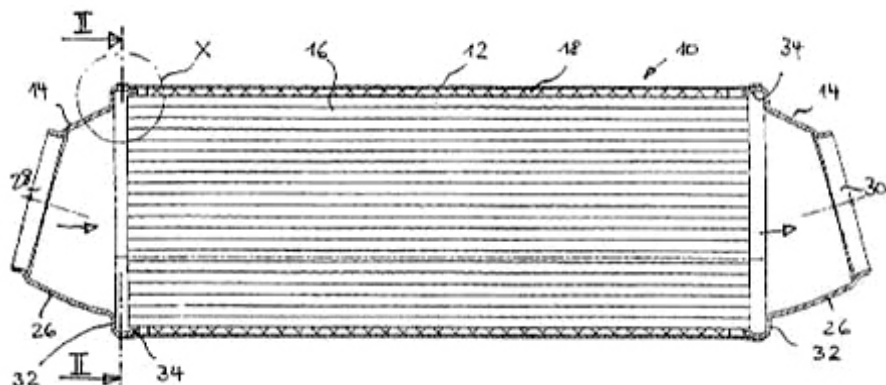


(54) Title of the invention : DEVICE FOR PURIFYING EXHAUST GASES OF A MOTOR VEHICLE AND METHOD FOR THE PRODUCTION THEREOF

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :F01N 7/18         | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :10 2004 037 480.5 | <b>1)ARVINMERITOR EMISSIONS TECHNOLOGIES GMBH</b>         |
| (32) Priority Date                            | :03/08/2004        | Address of Applicant :BIBERBACHSTRASSE 9, 86154 AUGSBURG, |
| (33) Name of priority country                 | :Germany           | Germany                                                   |
| (86) International Application No             | :PCT/EP2005/008210 | (72)Name of Inventor :                                    |
| Filing Date                                   | :28/07/2005        | <b>1)FORSTER, ERICH</b>                                   |
| (87) International Publication No             | :WO 2006/015730    | <b>2)KRONER, PETER</b>                                    |
| (61) Patent of Addition to Application Number | :NA                | <b>3)STEINHAUSER, OTTO</b>                                |
| Filing Date                                   | :NA                |                                                           |
| (62) Divisional to Application Number         | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |

(57) Abstract :

A vehicle exhaust gas purification device has a multipart outer housing (10) including a tube (12) and end walls (14) that have been reshaped into funnels. The tube (12) and the end walls (14) are fitted into each other and brazed, soldered or welded to each other.



(54) Title of the invention : DOUBLE CHAMBER AMPULE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B65D 1/09         |
| (31) Priority Document No                     | :10 2004 046 536.3 |
| (32) Priority Date                            | :21/09/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/008093 |
| Filing Date                                   | :26/07/2005        |
| (87) International Publication No             | :WO 2006/032320    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

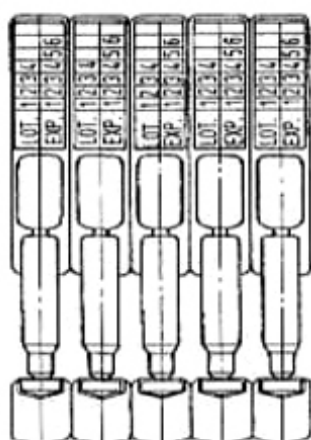
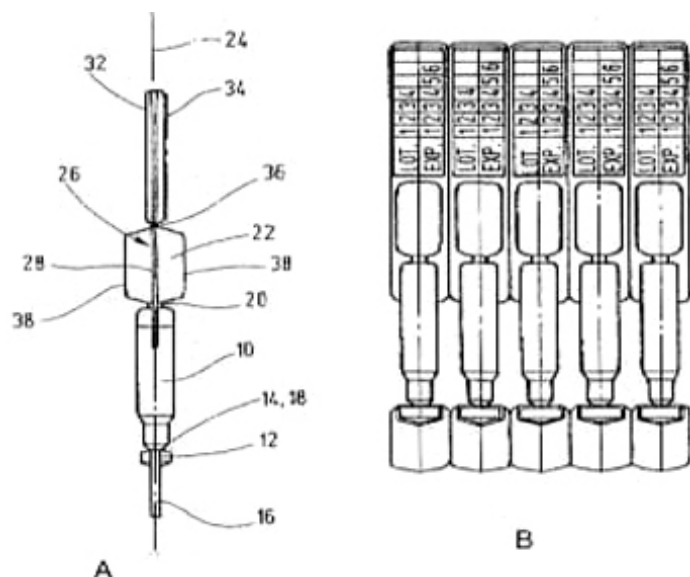
**1)HANSEN, BERND**Address of Applicant :TALSTR. 22-30, 74429 SULZBACH-LAUFEN  
Germany

(72)Name of Inventor :

**1)HANSEN, BERND**

(57) Abstract :

The invention relates to a receptacle comprised of an elastically flexible plastic material, comprising a dosing chamber (10), inside of which a medium to be discharged is located. One end of the dosing chamber (10) has a discharge opening (18), and the opposite end is connected via a junction point (20) to a compressible receptacle part (22) inside of which an, in particular, gaseous propelling medium is located. When compressing the receptacle part (22), the propelling medium forces, at least in part, the medium to be discharged out of the dosing chamber (10) via the discharge opening (18). An increased functional reliability in every application is ensured by virtue of the fact that the junction point (20) between the dosing chamber (10) and the receptacle part (22) is formed by a bottleneck provided for creating a capillary effect that, independent of the spatial position of the receptacle, prevents a transfer of the medium to be discharged from the dosing chamber (10) into the receptacle part (22) containing the propelling medium.





(54) Title of the invention : FLUID LOSS CONCENTRATE FOR HYDRAULIC CEMENT

|                                               |                                        |                                                                                                                                                           |
|-----------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C09K8/487;<br>C04B24/26;<br>C04B28/02 | (71) <b>Name of Applicant :</b><br><b>1)CELANESE INTERNATIONAL CORPORATION</b><br>Address of Applicant :1601 WEST LBJ FREEWAY, DALLAS, TX<br>75234 U.S.A. |
| (31) Priority Document No                     | :60/603,206                            | (72) <b>Name of Inventor :</b>                                                                                                                            |
| (32) Priority Date                            | :20/08/2004                            | <b>1)GEORGE, MICHAEL, E</b>                                                                                                                               |
| (33) Name of priority country                 | :U.S.A.                                | <b>2)BECKMAN, KRISTI, J</b>                                                                                                                               |
| (86) International Application No             | :PCT/US2005/029064                     | <b>3)SABINS, FREDDIE, LYN</b>                                                                                                                             |
| Filing Date                                   | :16/08/2005                            | <b>4)SIKORA, CORY, J</b>                                                                                                                                  |
| (87) International Publication No             | :WO 2006/023475                        |                                                                                                                                                           |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                                           |
| Filing Date                                   | :NA                                    |                                                                                                                                                           |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                                           |
| Filing Date                                   | :NA                                    |                                                                                                                                                           |

## (57) Abstract :

A fluid loss additive for hydraulic cement, comprising a polyvinyl alcohol resin and a fluid loss ameliorating sulfonic acid-functionalized co-resin, where the polyvinyl alcohol has a characteristic viscosity in the range of about 1 to about 25 cps. The invention includes, in some embodiments, an aqueous concentrate of the PVOH resin and the sulfonic acid-functionalized co-resin, where the total resin content is in the range of about 10% to about 40% and the viscosity is less than 15,000 cps. By way of the invention it is possible to adjust hydraulic cement slurry characteristics in real time upon demand and reduce inventory by providing a concentrated aqueous fluid loss additive.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.125/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :10/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : ELECTROCHEMICAL SYSTEM HAVING AN UNOXIDIZED ELECTROLYTE

|                                               |                       |                                                   |
|-----------------------------------------------|-----------------------|---------------------------------------------------|
| (51) International classification             | :H01M10/36;B32B17/00; | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :0451601              | <b>1)SAINT-GOBAIN GLASS FRANCE</b>                |
| (32) Priority Date                            | :21/07/2004           | Address of Applicant :18 AVENUE D'ALSACE, F-92400 |
| (33) Name of priority country                 | :France               | COURBEVOIE. France                                |
| (86) International Application No             | :PCT/FR2005/050593    | (72) <b>Name of Inventor :</b>                    |
| Filing Date                                   | :19/07/2005           | <b>1)FANTON, XAVIER</b>                           |
| (87) International Publication No             | :WO 2006/018568       |                                                   |
| (61) Patent of Addition to Application Number | :NA                   |                                                   |
| Filing Date                                   | :NA                   |                                                   |
| (62) Divisional to Application Number         | :NA                   |                                                   |
| Filing Date                                   | :NA                   |                                                   |

(57) Abstract :

Electrochemical system comprising at least one substrate, at least one electronically conductive layer, at least one electrochemically active layer capable of reversibly inserting ions, especially cations of the H<sup>+</sup>, Li<sup>+</sup>, Na<sup>+</sup>, K<sup>+</sup>, Ag<sup>+</sup> type or OH<sup>-</sup> anions, and at least one layer having an electrolyte function, characterized in that the electrolyte is transparent in the visible and comprises at least one layer made of an essentially mineral material, in nonoxidized form, the ionic conduction of which is generated or enhanced by the incorporation of one or more nitrogen compounds, in particular optionally hydrogenated or fluorinated nitride.

(21) Application No.126/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :10/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "PHARMACEUTICAL MULTILAYER TABLET FOR CONTROLLED RELEASE OF ACTIVE INGREDIENTS WITH HIGHLY PH-DEPENDENT SOLUBILITY"

|                                               |                    |                                                            |  |
|-----------------------------------------------|--------------------|------------------------------------------------------------|--|
| (51) International classification             | :A61K9/24          | (71) <b>Name of Applicant :</b>                            |  |
| (31) Priority Document No                     | :04291943.1        | <b>1)SANOFI-AVENTIS</b>                                    |  |
| (32) Priority Date                            | :29/07/2004        | Address of Applicant :174 AVENUE DE FRANCE, F-75013, PARIS |  |
| (33) Name of priority country                 | :EUROPEAN          | France                                                     |  |
|                                               | UNION              | (72) <b>Name of Inventor :</b>                             |  |
| (86) International Application No             | :PCT/EP2005/008719 | <b>1)BRUEL, JEAN-LUC</b>                                   |  |
| Filing Date                                   | :25/07/2005        | <b>2)CUINE, ALAIN</b>                                      |  |
| (87) International Publication No             | :WO 2006/010640    | <b>3)ROGER, BÃ%NÃ%DICTE</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 pharmaceutical controlled release multilayer tablet comprising at least two layers, at least one active ingredient with highly pH-dependent solubility, at least one pharmaceutically acceptable pH maintaining excipient and at least one pharmaceutically acceptable matrix forming, excipient, characterized in that said at least one active ingredient with highly pH-dependent solubility and said at least one pharmaceutically acceptable pH maintaining excipient are respectively comprised in at least one distinct layer.

(54) Title of the invention : "RECLOSABLE CONSUMABLE PRODUCT PACKAGE ASSEMBLY"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B65D73/00         |
| (31) Priority Document No                     | :60/586,355        |
| (32) Priority Date                            | :08/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/023865 |
| Filing Date                                   | :05/07/2005        |
| (87) International Publication No             | :WO 2006/014443    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)CADBURY ADAMS USA LLC.**

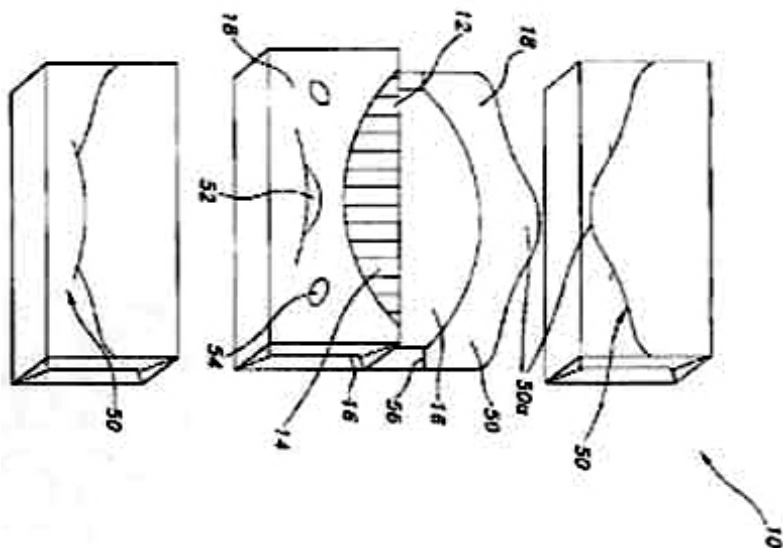
Address of Applicant :389 INTERFACE PARKWAY, PARSIPPANY, NJ 07054 U.S.A.

(72)Name of Inventor :

**1)ALDRIDGE ALLEN S**

(57) Abstract :

The present invention provides a reclosable consumable product package for retaining an array of products until the products are desired to be removed. The package includes a container packet formed of a planar extent roll for retaining and enclosing the array of products. A cover with adhesive attached thereto defined by an openable flap overlies the packet. The packet is scored along its surface in such a way that opening of the flap causes the packet to open along the scoring to expose the product for dispensing.

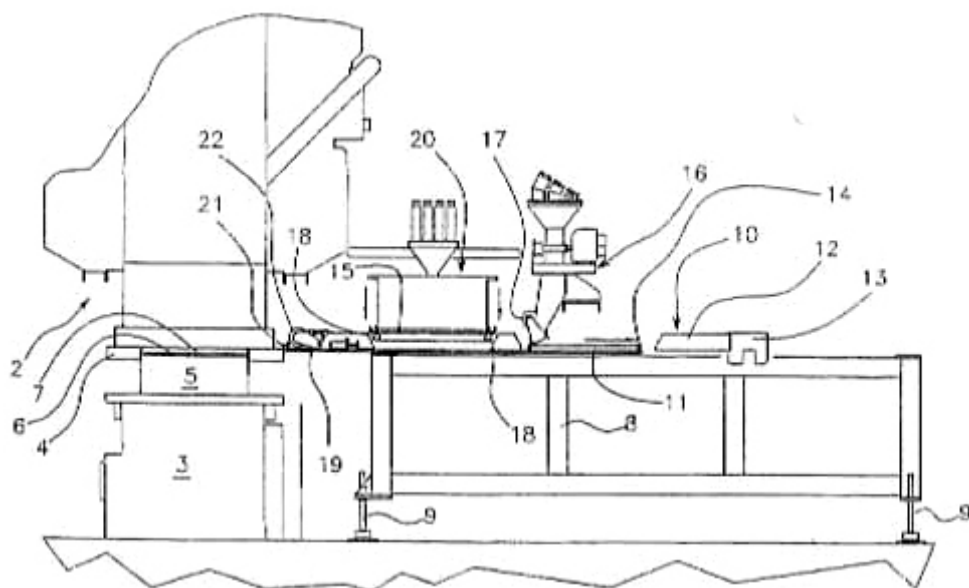


(54) Title of the invention : PLANT FOR FEEDING A DOUBLE LAYER OF POWDER OR GRANULAR MATERIAL INTO THE CAVITY OF THE MOULD FOR CERAMIC TILE PRODUCTION

|                                               |                          |                                                               |
|-----------------------------------------------|--------------------------|---------------------------------------------------------------|
| (51) International classification             | :B28B13/02;<br>B30B15/30 | (71)Name of Applicant :                                       |
| (31) Priority Document No                     | :RE2004A000097           | <b>1)L.B.-OFFICINE MECCANICHE-S.P.A.</b>                      |
| (32) Priority Date                            | :02/08/2004              | Address of Applicant :118/E-F-G, VIA GHIAROLA NUOVA, I-41042, |
| (33) Name of priority country                 | :Italy                   | FIORANO MODENESE(MODENA) Italy                                |
| (86) International Application No             | :PCT/EP2005/008072       | (72)Name of Inventor :                                        |
| Filing Date                                   | :22/07/2005              | <b>1)BIGI, ERMES</b>                                          |
| (87) International Publication No             | :WO 2006/013032          |                                                               |
| (61) Patent of Addition to Application Number | :NA                      |                                                               |
| Filing Date                                   | :NA                      |                                                               |
| (62) Divisional to Application Number         | :NA                      |                                                               |
| Filing Date                                   | :NA                      |                                                               |

## (57) Abstract :

A plant (1) for feeding a double layer of powder or granular material into a cavity (6) of the ceramic tile production mould, comprising: a loading carriage (10) which has at least one loading tray (11) with plan dimensions equal to those of the mould cavity (6), is arranged to receive a first material, and is driven with reciprocating movement between a retracted position in which the carriage (10) frees said cavity, and an advanced position in which the loading tray (11) releases said first material into the underlying mould cavity (6); a belt feeder (15) associated with said carriage (10) and arranged to receive a second material to be released into the cavity (6) above said first material, in which that said loading tray (11) is slidable on said carriage (10) between a retracted position, where said tray (11) receives said first material, and an advanced position, where said tray (11) lies below said belt feeder (15).

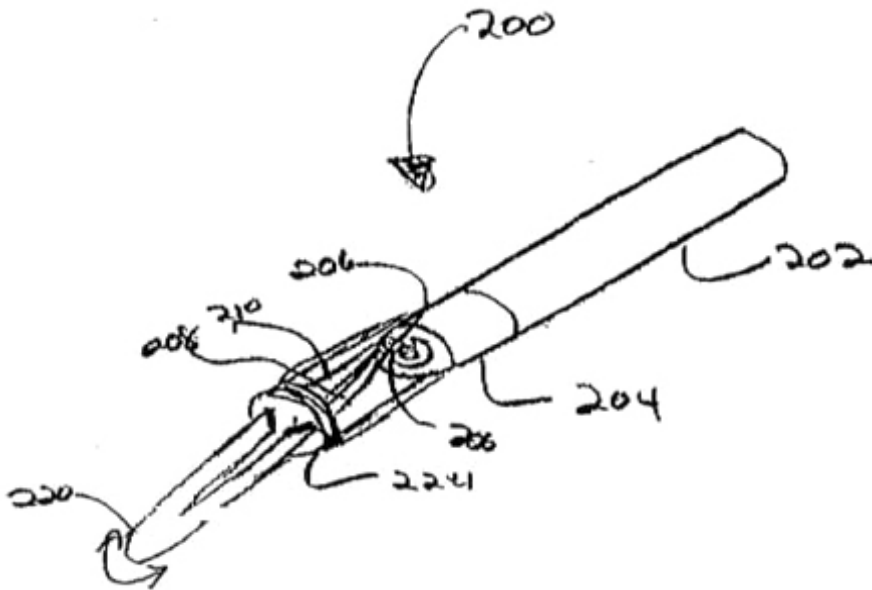


(54) Title of the invention : "EPITHELIAL DELAMINATING DEVICE"

|                                               |                    |                                                            |
|-----------------------------------------------|--------------------|------------------------------------------------------------|
| (51) International classification             | :A61F9/013         | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :60/580,430        | <b>1)TISSUE ENGINEERING REFRACTION, INC.</b>               |
| (32) Priority Date                            | :16/06/2004        | Address of Applicant :P.O.BOX 61168, PALO ALTO, CALIFORNIA |
| (33) Name of priority country                 | :U.S.A.            | 94306 U.S.A.                                               |
| (86) International Application No             | :PCT/US2005/021347 | (72) <b>Name of Inventor :</b>                             |
| Filing Date                                   | :16/06/2005        | <b>1)PEREZ, EDWARD</b>                                     |
| (87) International Publication No             | :WO 2006/007408    |                                                            |
| (61) Patent of Addition to Application Number | :NA                |                                                            |
| Filing Date                                   | :NA                |                                                            |
| (62) Divisional to Application Number         | :NA                |                                                            |
| Filing Date                                   | :NA                |                                                            |

(57) Abstract :

The described device is useful in the field of ophthalmology. The devices and methods for using it involve separating or lifting corneal epithelium from the eye in a substantially continuous layer to form a flap or pocket. In particular, the devices generally utilize a non-cutting, oscillating separator or dissector that is configured to separate the epithelium at naturally occurring cleavage surfaces in the eye, particularly between the epithelium and the corneal stroma (Bowman's membrane), specifically separating in the region of the lamina lucida, the separator or dissector having a structure that oscillates at that cleavage surface interface during the dissection step. The separated epithelium may be lifted or peeled from the surface of the eye to form an epithelial flap or pocket. The epithelium may then be replaced on the cornea after a refractive procedure or placement of an ocular lens on the eye.



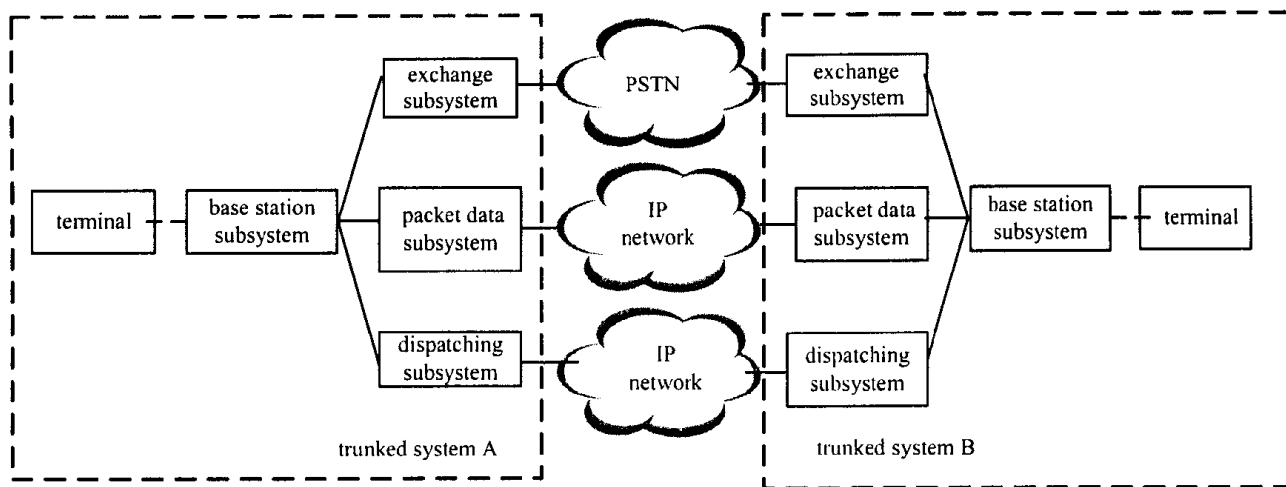
(54) Title of the invention : "DIGITAL TRUNKED COMMUNICATION NETWORK WHICH SUPPORTS ROAMING AND METHOD THEREOF"

(51) International classification :H04Q7/28  
 (31) Priority Document No :NA  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :PCT/CN2004/000760  
 Filing Date :06/07/2004  
 (87) International Publication No :WO 2006/002576  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)ZTE CORPORATION**  
 Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN, GUANGDONG PROVINCE 518057, China  
 (72)**Name of Inventor :**  
**1)XIE GUOSHENG**  
**2)REN, GANG**  
**3)WU QIANG**

## (57) Abstract :

A digital trunked communication network which supports roaming, includes a plurality of trunked communication systems, each of which comprises a base station subsystem and a dispatching subsystem; wherein base station subsystem is used to access various services of a terminal, and to forward trunked service to dispatching subsystem; dispatching subsystem is used to control and manage the trunked service of terminal which locates in its service area, and dispatching subsystems are connected together by IP network. The present invention divides the single control center of existing system into several independent subsystems by employing modularized network organization, thereby making the design and realization of various services clearer and more independent and effectively reducing the complexity of the system and coupling among various services. In addition, the present invention also provides a trunked roaming method which takes the home trunked system as control point in calling layer, thereby ensuring that the system consistently process roaming, non-roaming calls.



(54) Title of the invention : METHOD OF PREVENTING THE INDUCTION OF ABERRATIONS IN LASER REFRACTIVE SURGERY SYSTEMS

|                                               |                                       |                                                                                             |
|-----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B3/107;<br>A61B18/20;<br>A61F9/01 | (71) <b>Name of Applicant :</b><br><b>1)CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS</b> |
| (31) Priority Document No                     | :P200401441                           | Address of Applicant :SERRANO, 117, 28006-MADRID Spain                                      |
| (32) Priority Date                            | :11/06/2004                           | (72) <b>Name of Inventor :</b>                                                              |
| (33) Name of priority country                 | :Spain                                | <b>1)MARCOS CELESTINO, SUSANA</b>                                                           |
| (86) International Application No             | :PCT/ES2005/070087                    | <b>2)DORRONSORO DIAZ, CARLOS</b>                                                            |
| Filing Date                                   | :09/06/2005                           | <b>3)CANO, REOL, DANIEL</b>                                                                 |
| (87) International Publication No             | :WO 2005/122873                       |                                                                                             |
| (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 of preventing the induction of aberrations in laser refractive surgery systems. Standard laser refractive surgery systems successfully correct low-order refractive errors (myopia, hypermetropia and astigmatism) , but induce spherical aberration and, by extension, other high-order aberrations, which result in a worsening of vision quality. Said increase in spherical aberration is due to the shape of the cornea, and not inherent in the theoretical ablation profile, and, as a result, the problem is, in principle, common to all laser systems. The invention relates to a systematic method which can be used with any system and ablation profile in order to obtain a profile correction factor. The correction factor, which is specific to each system, can be applied in order to prevent the induction of spherical aberration and, in this way, improve the optical and visual quality of patients following surgery compared to surgery performed with standard systems. Moreover, the inventive method can be used to improve the production of lenses with controlled high-order aberrations using laser systems.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.131/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :10/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "MULTIVALENT VLA-4 ANTAGONISTS COMPRISING POLYMER MOIETIES"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K47/48         |
| (31) Priority Document No                     | :60/586,975        |
| (32) Priority Date                            | :08/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/024369 |
| Filing Date                                   | :08/07/2005        |
| (87) International Publication No             | :WO 2006/010054    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)ELAN PHARMACEUTICALS, INC.**

Address of Applicant :800, GATEWAY BLVD. SOUTH SAN FRANCISCO, CALIFORNIA 94080, U.S.A.

(72)**Name of Inventor :**

**1)KONRADI, ANDREI**

**2)PLEISS, MICHAEL A.**

**3)SEMKO, CHRISTOPHER M.**

**4)YEDNOCK, THEODORE**

**5)SMITH, JENNIFER L.**

(57) Abstract :

Disclosed are conjugates which bind VLA-4. Certain of these conjugates also inhibit leukocyte adhesion and, in particular, leukocyte adhesion mediated by VLA-4. Such conjugates are useful in the treatment of inflammatory diseases in a mammalian patient, e.g., human, such as asthma. Alzheimer's disease, atherosclerosis, AIDS dementia, diabetes, inflammatory bowel disease, rheumatoid arthritis, tissue transplantation, tumor metastasis and myocardial ischemia. The conjugates can also be administered for the treatment of inflammatory brain diseases such as multiple sclerosis.

(54) Title of the invention : "2-(PYRIDIN-2-YL)-PYRIMIDINES AND THEIR USE FOR CONTROLLING HARMFUL FUNGI"

(51) International classification :C07D 401/04  
 (31) Priority Document No :10 2004 035 736.6  
 (32) Priority Date :23/07/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/008039  
 Filing Date :22/07/2005  
 (87) International Publication No :WO 2006/010570  
 (61) 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 AKTIENGESELLSCHAFT**

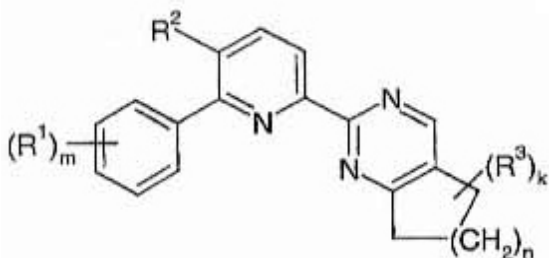
Address of Applicant :67056 LUDWIGSHAFEN, Germany

## (72)Name of Inventor :

**1)GRAMMENOS WASSILIOS****2)GROTE THOMAS****3)BLETTNER CARSTEN****4)GEWEHR MARKUS****5)HUNGER UDO****6)MULLER BERND****7)RHEINHEIMER JOACHIM****8)SCHAFFER PETER****9)SCHIEWECK FRANK****10)SCHWOGLER ANJA****11)SCHOFEL ULRICH****12)KOHLE HARALD****13)STRETHMANN SIEGFRIED****14)SCHERER MARIA****15)STIERL REINHARD****16)RETHEL JAN**

## (57) Abstract :

The invention relates to 2-(pyridin-2-yl)-pyrimidine compounds of general formula (I) and their use for controlling pathogenic fungi and as plant protection products that, as an active constituent, contain compounds of this type, whereby: k represents 0, 1, 2, 3; m represents 0, 1, 2, 3, 4 or 5; n represents 1, 2, 3, 4 or 5; R<sup>1</sup>, independent of one another, represents halogen, OH, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkyl halide, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> alkoxy halide, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>2</sub>-C<sub>4</sub> alkynyl, C<sub>3</sub>-C<sub>8</sub> cycloalkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy-C<sub>1</sub>-C<sub>4</sub> alkyl, amino, phenoxy, which is optionally substituted by halogen or C<sub>1</sub>-C<sub>4</sub> alkyl, NHR, NR<sub>2</sub>, C(R<sup>a</sup>)=N-OR<sup>b</sup>, S(=O)<sub>p</sub>A<sup>1</sup> or C(=O)A<sup>2</sup>, or two radicals R<sup>1</sup> bound to adjacent carbon atoms can, together, also represent a group -O-Alk-O-, wherein Alk represents a linear or branched C<sub>1</sub>-C<sub>4</sub> alkylene, and 1, 2, 3 or 4 hydrogen atoms can also be replaced by halogen; R<sup>2</sup> represents C<sub>1</sub>-C<sub>4</sub> alkyl halide, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> alkoxy halide, hydroxy, halogen, CN or NO<sub>2</sub>; whereby R<sup>2</sup> can also represent hydrogen or C<sub>1</sub>-C<sub>4</sub> alkyl when at least one of the three following conditions is fulfilled: n represents 3, 4 or 5; k represents 1, 2 or 3; if m is not equal to 0, at least one of the radicals R<sup>1</sup> represents a radical that differs from halogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy and C<sub>1</sub>-C<sub>4</sub> alkyl halide, and; R<sup>3</sup> represents C<sub>1</sub>-C<sub>4</sub> alkyl.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.133/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :10/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "METHOD OF TREATMENT OF ENDOBRONCHIAL INFECTIONS"

|                                               |                                       |                                                                                                                                                                      |
|-----------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K9/12;<br>A61K31/70;<br>A61K47/36 | (71) <b>Name of Applicant :</b><br><b>1)NOVARTIS VACCINES AND DIAGNOSTICS, INC.</b><br>Address of Applicant :4560 HORTON STREET, EMERVILLE, CA<br>94608-2916, U.S.A. |
| (31) Priority Document No                     | :60/580,848                           | <b>2)NEKTAR THERAPEUTICS</b>                                                                                                                                         |
| (32) Priority Date                            | :18/06/2004                           | (72) <b>Name of Inventor :</b>                                                                                                                                       |
| (33) Name of priority country                 | :U.S.A.                               | <b>1)CHALLONER PETER</b>                                                                                                                                             |
| (86) International Application No             | :PCT/US2005/021952                    | <b>2)RODRIGUEZ CARLOS</b>                                                                                                                                            |
| Filing Date                                   | :20/06/2005                           | <b>3)TARADA THOMAS E</b>                                                                                                                                             |
| (87) International Publication No             | :WO 2006/002178                       | <b>4)LORD JOHN D</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 methods for the treatment of an endobronchial infection in a patient by administering to the endobronchial system of the patient a dry powder aerosol composition comprising from 90 to 130 mg of an aminoglycoside antibiotic one to three times a day for a first treatment period of 20 to 36 days.

(54) Title of the invention : "MEDIA PLAYER"

|                                               |                    |                                                    |
|-----------------------------------------------|--------------------|----------------------------------------------------|
| (51) International classification             | :H04N 7/24         | (71) <b>Name of Applicant :</b>                    |
| (31) Priority Document No                     | :0413231.2         | <b>1)ROK PRODUCTIONS LIMITED</b>                   |
| (32) Priority Date                            | :14/06/2004        | Address of Applicant :ROK HOUSE KINGSWOOD BUSINESS |
| (33) Name of priority country                 | :U.K.              | PARK, HOLYHEAD ROAD ALBRIGHTON, WOLVERHAMPTON,     |
| (86) International Application No             | :PCT/IB2005/051965 | WEST MIDLANDS WV7 8AU. U.K.                        |
| Filing Date                                   | :14/06/2005        | (72) <b>Name of Inventor :</b>                     |
| (87) International Publication No             | :WO 2005/125214    | <b>1)JEREMY MAYO BOSWELL</b>                       |
| (61) Patent of Addition to Application Number | :NA                | <b>2)JONATHAN MARK KENDRICK</b>                    |
| Filing Date                                   | :NA                | <b>3)TIMOTHY JOHN REVELL</b>                       |
| (62) Divisional to Application Number         | :NA                |                                                    |
| Filing Date                                   | :NA                |                                                    |

(57) Abstract :

Content is provided on a medium or is transmitted, for example streamed, with in built protection against unauthorized playback or copying. Video content data is provided in content blocks, each of which relates to a video frame and has a corresponding header. Some content clocks have a digital fingerprint interposed somewhere in the data comprising that content block. Thus, the amount of the data in the content block is increased by the addition of the digital fingerprint. Information identifying the length of the content block in the corresponding header is not altered. Some or all-content blocks are obfuscated following the additional of the digital fingerprints. In a media player, de-obfuscation is performed, and digital fingerprints then removed before the resulting content blocks are decoded. Whilst listening to music streamed to a mobile terminal, a user can purchase the track currently being played. An automated extraction configuration module examines metadata stored on a DVD to determine the configuration of content data stored on it. Extraction configuration data from a memory area (17) is utilized by a DVD decryption and extraction module (18) to extract movie data from the DVD, which is written as AVI data to an intermediate format movie data area. A mobile format conversion module (19) converts movie data stored in the extracted movie data area (14) and provides a movie in mobile telephone consumable format in a mobile format movie data area (20). The data also includes two or more media players and a loader program. The mobile device is controlled to run the loader program initially. The program detects the relevant configuration of the mobile device and determines which of the media players to use to consume the movie content data. A portable data storage medium (60) includes non-volatile memory (62), and an interface (61) for connecting to an external device. It also includes a controller (63), which reads data out from the non-volatile memory. A security device (64) is connected between the controller and the memory.

## (54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification

:A61K48/00;

A61K38/37

(31) Priority Document No

:19946301.8

(32) Priority Date

:28/09/1999

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP00/09390

Filing Date

:26/09/2000

(87) International Publication No

:WO 2001/022954

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:IN/PCT/2002/399

Filing Date

:26/03/2002

(71)Name of Applicant :

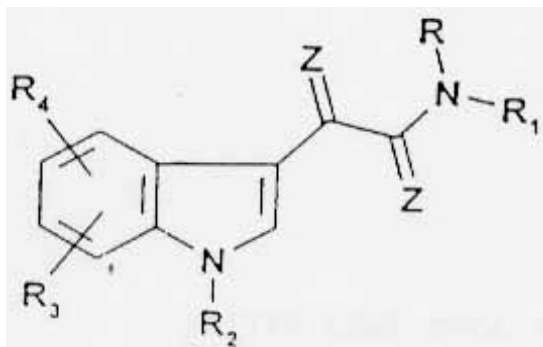
**1)BAXTER HEAL THCARE S.A.**Address of Applicant :HERTISTRASSE 2, CH-8304, WALLISELLEN,  
Switzerland

(72)Name of Inventor :

**1)NICKEL, BERND****2)KLENNER, THOMAS****3)BACHER, GERALD****4)BECKERS, THOMAS****5)EMIC PETER****6)ENGEL, JURGEN****7)BRUYNEEL, ERIK****8)KAMP, GUNTER****9)PETERS, KIRSTEN**

(57) Abstract :

The invention relates to the use of N-substituted indole-3-gloxylamides [sic] of the general formula 1 for tumor treatment in particular in the case of pharmaceutical resistance and metastasizing carcinoma, and as angiogenesis inhibitors, with markedly lower side effects in particular markedly lower neurotoxicity, and Pharmaceuticals comprising them.



(54) Title of the invention : SUPERSTRUCTURE BODY FOR A DENTAL CROWN SUPERSTRUCTURE SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61C13/30         |
| (31) Priority Document No                     | :10 2004 034 800.6 |
| (32) Priority Date                            | :19/07/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/007807 |
| Filing Date                                   | :18/07/2005        |
| (87) International Publication No             | :WO 2006/008121    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)BENJAMIN LEOPOLD HARLASS**

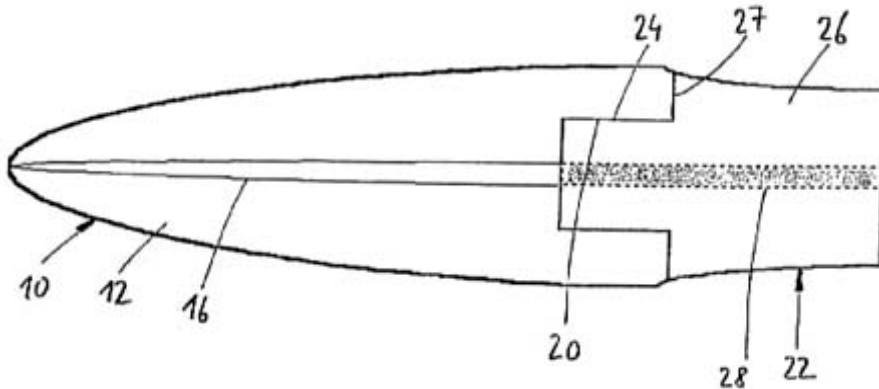
Address of Applicant :PAUL HINDEMITH STR. 20, 37574 EINBECK, Germany

(72)Name of Inventor :

**1)HARALD E. HARLESS**

(57) Abstract :

The superstructure body is a component of a dental crown superstructure system on a tooth stump (10). The superstructure body comprises a rotationally symmetric end area (24) whose diameter is significantly larger than the diameter of the root canal (16) and which can be anchored in a corresponding drilled hole in the tooth stump. A through hole (28) in the superstructure body (22) enables, after inserting into the drilled hole (20), access to the opening of the root canal (16).

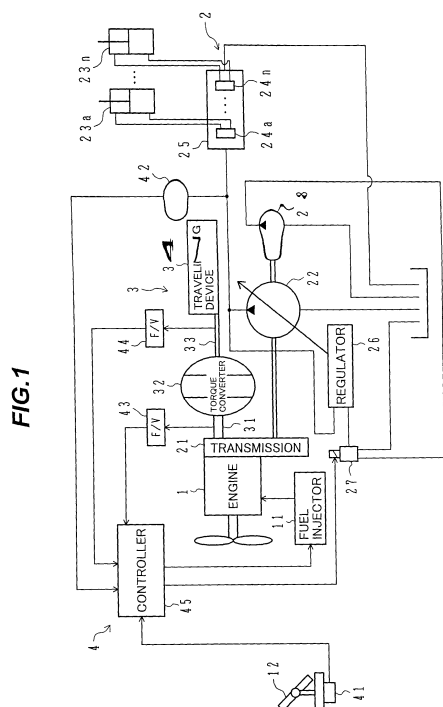


(54) Title of the invention : CONTROL SYSTEM FOR TRAVELING WORKING VEHICLE

|                                               |                                       |                                                                                                                                                              |
|-----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :E02F9/22;<br>F02D29/00;<br>F02D29/04 | (71)Name of Applicant :<br><b>1)HITACHI CONSTRUCTION MACHINERY CO. LTD.</b><br>Address of Applicant :5-1, KORAKU 2-CHOME, BUNKYO-KU,<br>TOKYO 112-0004 Japan |
| (31) Priority Document No                     | :2004-359648                          | (72)Name of Inventor :                                                                                                                                       |
| (32) Priority Date                            | :13/12/2004                           | <b>1)KENTARO ITOGA</b>                                                                                                                                       |
| (33) Name of priority country                 | :Japan                                | <b>2)KAZUNORI NAKAMURA</b>                                                                                                                                   |
| (86) International Application No             | :PCT/JP2005/020710                    | <b>3)TSUYOSHI NAKAMURA</b>                                                                                                                                   |
| Filing Date                                   | :11/11/2005                           | <b>4)MOTOYUKI YABUCHI</b>                                                                                                                                    |
| (87) International Publication No             | :WO 2006/064623                       |                                                                                                                                                              |
| (61) Patent of Addition to Application Number | :NA                                   |                                                                                                                                                              |
| Filing Date                                   | :NA                                   |                                                                                                                                                              |
| (62) Divisional to Application Number         | :NA                                   |                                                                                                                                                              |
| Filing Date                                   | :NA                                   |                                                                                                                                                              |

(57) Abstract :

A traveling working vehicle which can improve fuel economy while ensuring a work rate in heavy-load work by using an ordinary engine, and which can obtain flexibility in distribution of an engine output. A torque control regulator 26 controls an absorption torque of a hydraulic pump 22 to be kept not exceeding a preset maximum absorption torque, and an accelerator pedal 12 commands a target revolution speed of an engine 1. Revolution speed deviation computing sections 52 and 62, a modification torque computing section 53, a modification revolution speed computing section 63, speed ratio computing sections 54 and 64, traveling state determining sections 55 and 65, and working state determining sections 56 and 66 determine an operating state of the traveling working vehicle. The modification torque computing section 53, the modification revolution speed computing section 63, selectors 57 and 67, multipliers 58 and 68, and the adders 59 and 69 modify both a pump base torque to obtain the maximum absorption torque of the hydraulic pump 22 and the target revolution speed of the engine 1 depending on the determination result of the state determining means.



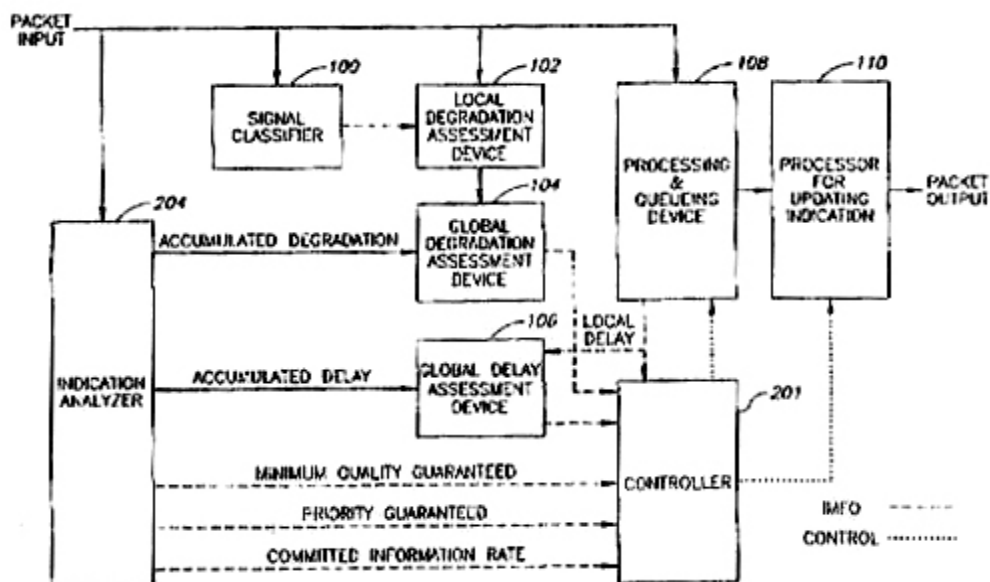
(54) Title of the invention : PROCESSING OF PACKETS FORWARDED IN COMMUNICATION NETWORKS

(51) International classification :H04L12/56  
 (31) Priority Document No :163092  
 (32) Priority Date :19/07/2004  
 (33) Name of priority country :Israel  
 (86) International Application No :PCT/IL2005/000746  
 Filing Date :13/07/2005  
 (87) International Publication No :WO 2006/008735  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)VERAZ NETWORKS LTD.,**  
 Address of Applicant :30 HASIVIM STREET, 49517 PETACH  
 TIKVA, ISRAEL Israel  
 (72)Name of Inventor :  
**1)ILAN, AMIR**

(57) Abstract :

Method and device are provided for processing a packet conveyed in a packet switched communication network. By the invention, a processing indication is associated with the packet, where the indication is adapted to provide instruction (s) for the processing of the packet, and the indication is determined in accordance with the payload carried by that packet.



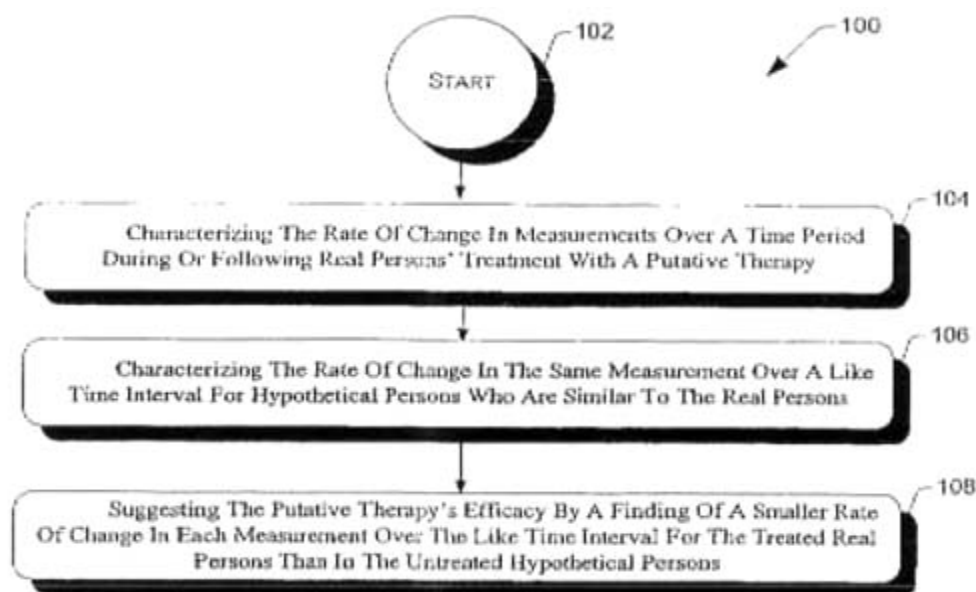


(54) Title of the invention : "EVALUATION OF A TREATMENT TO DECREASE THE RISK OF A PROGRESSIVE BRAIN DISORDER OR TO SLOW BRAIN AGAIN"

|                                               |                        |                                                         |
|-----------------------------------------------|------------------------|---------------------------------------------------------|
| (51) International classification             | :G06G7/48;<br>G06G7/58 | (71)Name of Applicant :<br><b>1)BANNER HEALTH</b>       |
| (31) Priority Document No                     | :60/580,762            | Address of Applicant :1441, NORTH 12TH STREET, PHOENIX, |
| (32) Priority Date                            | :18/06/2004            | ARIZONA 85006, U.S.A.                                   |
| (33) Name of priority country                 | :U.S.A.                | (72)Name of Inventor :                                  |
| (86) International Application No             | :                      | <b>1)REIMAN, ERIC M.</b>                                |
| Filing Date                                   | :17/06/2005            |                                                         |
| (87) International Publication No             | :WO<br>2006/009887     |                                                         |
| (61) Patent of Addition to Application Number | :NA                    |                                                         |
| Filing Date                                   | :NA                    |                                                         |
| (62) Divisional to Application Number         | :NA                    |                                                         |
| Filing Date                                   | :NA                    |                                                         |

(57) Abstract :

For real persons at risk for Alzheimer's disease, a neurodegenerative disease, or brain aging, a measurement's rate of change can be characterized during or following the real persons' treatment with disease-preventing or neurological age-slowing therapy. For hypothetical persons similar to the real persons at risk for these conditions but who are not so treated, the measurement's rate of change can be characterized over a like time interval. The disease-preventing or age-slowing therapy's efficacy is suggested by a smaller measurement rate of change over the like time interval in the real persons treated than in the hypothetical persons not so treated, even in the absence of clinical decline over the time interval. Measurements of neurodegenerative disease progression will have significantly higher rates of change in persons clinically affected by or at risk for the disease than in those persons at lower risk for the neurodegenerative disease.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.14/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "DIMENSIONAL ANALYSIS OF SACCHARIDE CONJUGATES WITH GPC & SECMALS"

(51) International classification :A61K47/48

(31) Priority Document No :0413868.1

(32) Priority Date :21/06/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/IB2005/002532

Filing Date :21/06/2005

(87) International Publication No :WO 2006/000920

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

**1)CHIRON SRL**

Address of Applicant :VIA FIORENTINA 1, I-53100, SIENA, Italy

(72)**Name of Inventor :**

**1)CAPANOLLI, GIORGIO**

**2)CARINCI, VALERIA**

**3)D'ASCENZI, SANDRO**

**4)MAGAGNOLI, CLAUDIA**

(57) Abstract :

GPC (gel permeation chromatography) and size exclusion chromatography with detection by multi-angle light-scattering photometry (SEC-MALS) can be used to accurately measure molecular size and molar mass, respectively, of saccharide conjugates The invention provides (a) a process for measuring the molecular size of a conjugated saccharide antigen within a sample, comprising a step of analysing the sample by GPC. and (b) a process for measuring the molar mass of a conjugated saccharide antigen within a sample, comprising a step of analysing the sample by SEC-MALS.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.140/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :11/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "METHODS AND COMPOSITIONS FOR THE DETECTION OF BIOLOGICAL MOLECULES USING A TWO PARTICLE COMPLEX"

|                                               |                      |                                                               |
|-----------------------------------------------|----------------------|---------------------------------------------------------------|
| (51) International classification             | :G01N33/58;C12Q1/68; | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :60/581,719          | <b>1)UNIVERSITY OF TEXAS SYSTEM</b>                           |
| (32) Priority Date                            | :23/06/2004          | Address of Applicant :201, WEST 7TH STREET, AUSTIN, TX 78701, |
| (33) Name of priority country                 | :U.S.A.              | U.S.A.                                                        |
| (86) International Application No             | :PCT/US2005/022388   | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :23/06/2005          | <b>1)BARD, ALLEN</b>                                          |
| (87) International Publication No             | :WO 2006/083305      | <b>2)MIAO, WUJIAO</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 methods of detecting analytes of interest in a sample using electrogenerated chemiluminescence. The invention also provides compositions comprising at least one solid support that entraps or contains an electrogenerated chemiluminescent moiety.

(54) Title of the invention : METHOD OF OPERATING A SHIPLIFT

(51) International classification :B65C 1/00  
 (31) Priority Document No :60/579,677  
 (32) Priority Date :16/06/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/021194  
 Filing Date :16/06/2005  
 (87) International Publication No :WO 2006/007380  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)ROLLS-ROYCE NAVAL MARINE, INC.**

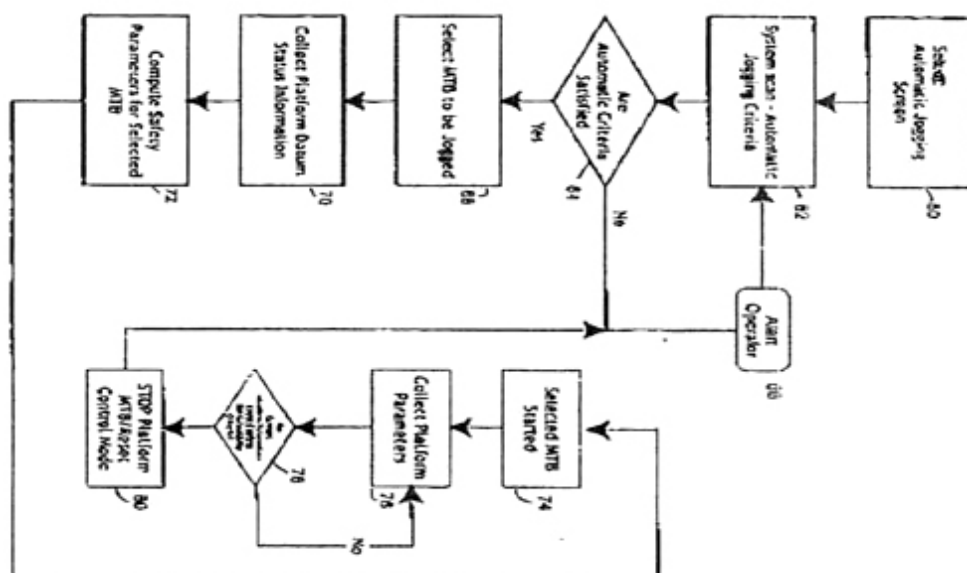
Address of Applicant :110 NORFOLK STREET, WALPOLE, MA 02081-1704 U.S.A.

(72)Name of Inventor :

**1)ATTWATER, IAIN, J.****2)CAYOCCA, IVER, D.****3)SHANKS, RICHARD, J.**

(57) Abstract :

A platform includes main transverse beams ("MTBs"), each supported by at least one hoist. It is determined whether a load on my MTB is different from the load on any other MTB by more than a predetermined amount. An MTB which has a load different from the load on any other MTB by more than a predetermined amount is selected and then vertically moved with respect to the other MTBs within a predetermined safety limit to transfer load between the selected MTB and the other MTBs while monitoring the loads on each MTB and the position of the selected MTB as vertical movement of the selected MTB proceeds. The monitored loads and position are compared with the safety limit; and the movement of the selected MTB stopped when either the desired load transfer is completed or the safety limit has been met.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.142/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :11/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "METHODS FOR OBTAINING PACLITAXEL FROM TAXUS PLANTS"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D305/14        |
| (31) Priority Document No                     | :04016493.1        |
| (32) Priority Date                            | :13/07/2004        |
| (33) Name of priority country                 | :EUROPEAN<br>UNION |
| (86) International Application No             | :PCT/EP2005/006846 |
| Filing Date                                   | :24/06/2005        |
| (87) International Publication No             | :WO 2006/005429    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)INDENA S.P.A.**

Address of Applicant :VIALES ORTLES,12,I-20139, MILANO, Italy

(72)**Name of Inventor :**

**1)GABETTA, BRUNO**

**2)ZINI, GIANFRANCO**

(57) Abstract :

Methods for obtaining paclitaxel from plants containing paclitaxel are disclosed. Plant material is first obtained from plants containing paclitaxel. Paclitaxel is then extracted from the plant material. Subsequently, paclitaxel is separated from the paclitaxel extract using a series of column chromatography separation steps to obtain at least one fraction containing paclitaxel. The paclitaxel in a fraction that is obtained from the final chromatography step is crystallized. Using these methods, high purity paclitaxel may be efficiently obtained from plants containing paclitaxel.

(54) Title of the invention : "COMMUNICATION DEVICE INCLUDING ONE OR MORE ELECTRICAL CONTROL BUTTONS IN AN UPPER HOUSING PART"

(51) International classification :H04M1/02;  
H04M1/725  
(31) Priority Document No :10/874,063  
(32) Priority Date :21/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/018707  
Filing Date :26/05/2005  
(87) International Publication No :WO 2006/007215  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)MOTOROLA, INC.**

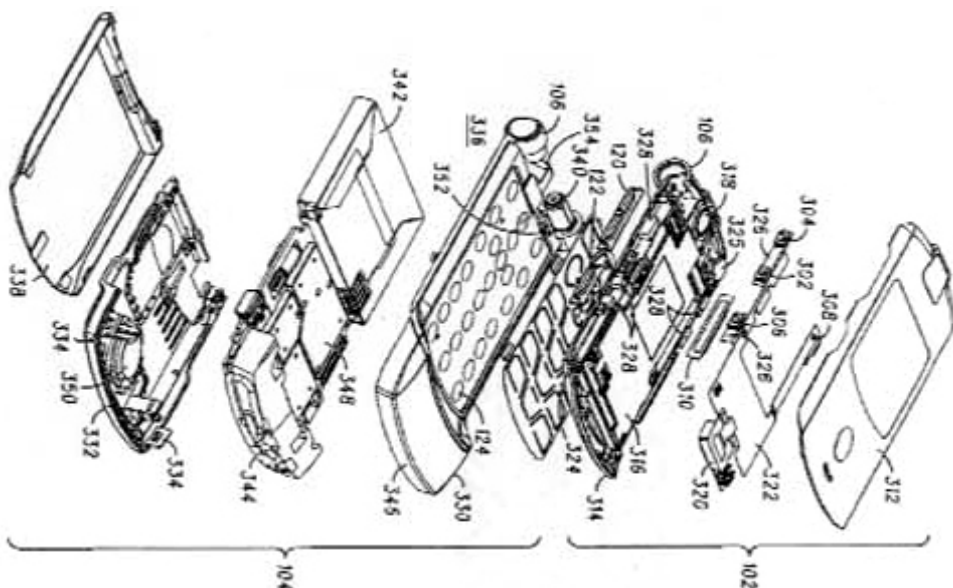
Address of Applicant :1303 EAST ALGONQUIN ROAD,  
SCHAUMBURG, IL 60196, U.S.A.

(72)Name of Inventor :

**1)OLDHAM KATHERINE A**

(57) Abstract :

Folding wireless communication devices (100,700) comprise first parts (102,1002) that are rotatably coupled to second parts (104,1104). The first parts (102,1002) can be moved from first positions in which the first parts (102,1002) overlie the second parts (104,1104) to second positions in which the first parts (102,1002) extend upward away from the second parts (104,1104). The first parts (102,1002) comprise one or more buttons (302, 304, 306, 308, 1010, 1012), e.g., a pair of directional buttons, such as "UP" and "DOWN" control buttons (302, 304, 1010, 1012). Hardware and/or software is used to change the function of the buttons (302, 304, 306, 308, 1010, 1012) depending on the position of the first parts (102, 1002).



(54) Title of the invention : N-(1-(1-BENZYL-4-PHENYL-1H-IMADAZOL-2-YL)-2,2-DYMETHYLPROPYL) BENZAMIDE DERIVATIVES AND RELATED COMPOUNDS AS KINESIN SPINDLE PROTEIN (KSP) INHIBITORS FOR THE TREATMENT OF CANCER

(51) International classification :C07D233/54;  
A61K31/4174;  
A61K31/4178  
(31) Priority Document No :60/580,927  
(32) Priority Date :18/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/022062  
Filing Date :20/06/2005  
(87) International Publication No :WO 2006/002236  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

## (71)Name of Applicant :

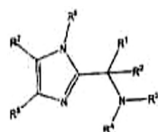
**1)CHIRON CORPORATION**

Address of Applicant :4560 HORTON STREET, EMERYVILLE, CA  
94608-2916, U.S.A.

## (72)Name of Inventor :

**1)WANG, WEIBO****2)BARSANTI, PAUL A****3)BARSANTI, PAUL A****4)XI, YI****5)BOYCE, RUSTUM, S****6)PECCHI, SABINA****7)BRAMMEIER, NATAHAN****8)PHILLIPS, MEGAN****9)MENDENHALL, KRIS****10)WAYMAN, KELLY****11)LAGNITON, LIANA, MARIE****12)CONSTANTINE, RYAN****13)YANG, HONG****14)MIEULI, ELIZABETH****15)RAMURTHY, SAVITHRI****16)JAZAN, ELISA****17)SHARMA, ANU****18)RAMA, JAIN****19)SABRAMANIAN, SHRADHA****20)RENHOWE, PAUL****21)BAIR, KENNETH, WALTER****22)DUHL, DAVID****23)WALTER, ANNETTE****24)ABRAMS, TINYA****25)HUH, KAY****26)MARTIN, ERIC****27)KNAPP, MARK****28)LE, VINCENT**

(57) Abstract :This invention is directed to substituted imidazole compounds which modulate the activity of KSP and are useful for the treatment of cancer and are represented by the formula (I) wherein: R<sup>1</sup> is selected from the group consisting of aminoacyl, acylamino, carboxyl, carboxyl ester, aryl, and alkyl optionally substituted with hydroxy or halo; R<sup>2</sup> is selected from the group consisting of hydrogen, alkyl, and aryl; R<sup>3</sup> is selected from the group consisting of hydrogen and -X-A, wherein X is selected from the group consisting of -C(O)-, -C(S)-, -S(O)-, -S(O)<sub>2</sub>, and -S(O)<sub>2</sub>-N(R)-, where R is hydrogen or alkyl; and A is selected from the group consisting of hydrogen, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted aryl, carboxyl, carboxyl ester, aminoacyl, optionally substituted heteroaryl, optionally substituted heterocyclic, and optionally substituted cycloalkyl, wherein the optionally substituted groups are substituted with 1 to 4 substituents; R<sup>5</sup> is selected from the group consisting of L-A1, wherein L is selected from the group consisting of -S(O)q- where q is one or two, and C1 to C5 alkylene optionally substituted with hydroxy, halo, or acylamino; and A1 is selected from the group consisting of aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocyclic, substituted heterocyclic, cycloalkyl, and substituted cycloalkyl; and one of either R<sup>6</sup> or R<sup>7</sup> is selected from the group consisting of heterocyclic, aryl and heteroaryl, all of which may be optionally substituted with -(R<sup>8</sup>)<sub>m</sub> where R<sup>8</sup> is as defined herein and m is an integer from 1 to 3, and the other Of R<sup>6</sup> or R<sup>7</sup> is selected from the group consisting of hydrogen, halo, and alkyl; or R<sup>6</sup> and R<sup>7</sup> are both hydrogen; the other substituents are defined in the claims.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.145/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :11/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : RESEQUENCING PATHOGEN MICROARRAY

|                                               |                                     |                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               |                                     | (71) <b>Name of Applicant :</b><br><b>1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY</b><br>Address of Applicant :NAVAL RESEARCH LABORORY, 4555 OVERLOOK AVENUE, SW, CODE 1008.2, WASHINGTON, DC 20375 U.S.A.                                                                                                                                 |
| (51) International classification             | :C12Q1/70;<br>C12M1/34;<br>C12Q1/68 | (72) <b>Name of Inventor :</b><br><b>1)AGAN, BRIAN</b><br><b>2)HANSON, ERIC, H</b><br><b>3)KRUZELOCK, RUSSELL P.</b><br><b>4)LIN, BOACHUAN</b><br><b>5)ROWLEY, ROBB</b><br><b>6)SETO, DON</b><br><b>7)STENGER, DAVID</b><br><b>8)THOMTON, JENNIFER</b><br><b>9)TIBBETTS, CLARK</b><br><b>10)THACH, DZUNG</b><br><b>11)VORA, GARY</b><br><b>12)WALTER, ELIZABETH</b><br><b>13)WANG, ZHENG</b> |
| (31) Priority Document No                     | :60/590,931                         |                                                                                                                                                                                                                                                                                                                                                                                              |
| (32) Priority Date                            | :02/07/2004                         |                                                                                                                                                                                                                                                                                                                                                                                              |
| (33) Name of priority country                 | :U.S.A.                             |                                                                                                                                                                                                                                                                                                                                                                                              |
| (86) International Application No             | :PCT/US2005/024054                  |                                                                                                                                                                                                                                                                                                                                                                                              |
| Filing Date                                   | :05/07/2005                         |                                                                                                                                                                                                                                                                                                                                                                                              |
| (87) International Publication No             | :WO 2006/088493                     |                                                                                                                                                                                                                                                                                                                                                                                              |
| (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 pathogen detection and identification by use of DNA resequencing microarrays. The present invention also provides resequencing microarray chips for differential diagnosis and serotyping of pathogens present in a biological sample. The present invention further provides methods of detecting the presence and identity of pathogens present in a biological sample. The present invention also provides a computer-implemented biological sequence identifier (CIBSI) system and method for selecting a subsequence from biological sequence data according to at least one selection parameter. The at least one selection parameter corresponds to a likelihood of returning a meaningful result from a similarity search.



(54) Title of the invention : COMPOSITIONS AND METHODS FOR ENZYMATIC DECOLORIZATION OF CHLOROPHYLL

(51) International classification :C07H21/00;  
C12N9/06  
(31) Priority Document No :60/580,447  
(32) Priority Date :16/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/020866  
Filing Date :14/06/2005  
(87) International Publication No :WO 2006/009676  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

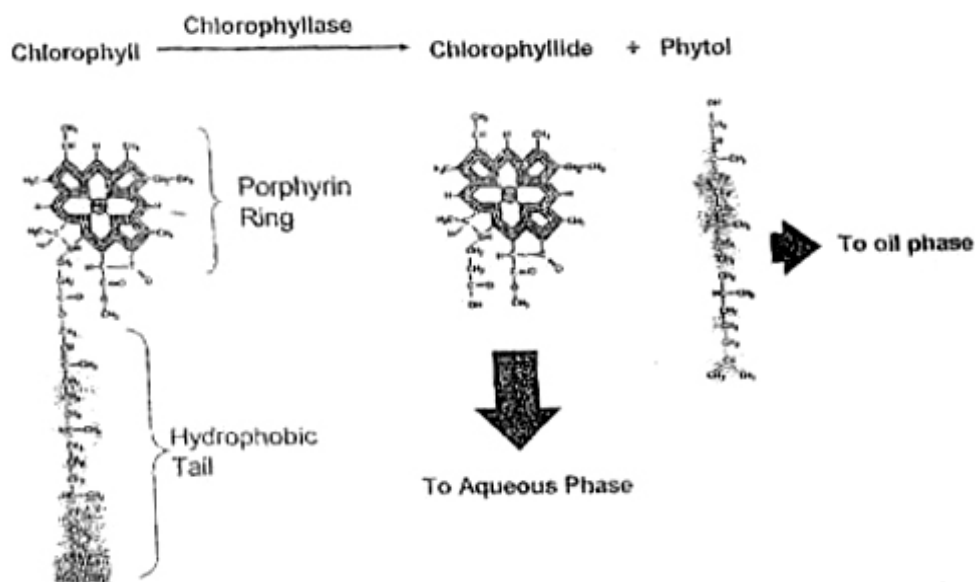
**1)DIVERSA CORPORATION**Address of Applicant :4955 DIRECTORS PLACE, SAN DIEGO, CA  
92121, U.S.A.

(72)Name of Inventor :

**1)LAM DAVID****2)WEINER DAVID****3)HITCHMAN TIMOTHY****4)BARTON NELSON ROBERT****5)BURK MARK J**

(57) Abstract :

The invention provides compositions and methods for the enzymatic treatment ("bleaching" or "de-colorizing") of chlorophyll-comprising compositions, e.g., algae preparations, chlorophyll-containing or chlorophyll-contaminated feeds, foods or oils, for example, vegetable oils, including oils processed from oilseeds, such as canola (rapeseed) oil or soybean oil, or oil fruits, such as palm oil. In one aspect, the invention provides methods using a chlorophyllase enzyme for the enzymatic hydrolysis of chlorophyll in an algae, an animal (e.g., a fish) or plant preparation, a food or an oil. In one aspect, the chlorophyllase is immobilized onto a silica. The invention also provides compositions of manufacture and detergents.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.147/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :11/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : TOPICAL COMPOSITIONS AND METHODS FOR EPITHELIAL-RELATED CONDITIONS

|                                               |                          |
|-----------------------------------------------|--------------------------|
| (51) International classification             | :A61K38/00;<br>A61K38/04 |
| (31) Priority Document No                     | :60/579,093              |
| (32) Priority Date                            | :12/06/2004              |
| (33) Name of priority country                 | :U.S.A.                  |
| (86) International Application No             | :PCT/US2005/020555       |
| Filing Date                                   | :13/06/2005              |
| (87) International Publication No             | :WO 2005/123103          |
| (61) Patent of Addition to Application Number | :NA                      |
| Filing Date                                   | :NA                      |
| (62) Divisional to Application Number         | :NA                      |
| Filing Date                                   | :NA                      |

(71)**Name of Applicant :**  
**1)SIGNUM BIOSCIENCES, INC.**  
Address of Applicant :1 DEER PARK DRIVE, SUITE L-2,  
MONMOUTH JUNCTION, NJ 08852, U.S.A.  
(72)**Name of Inventor :**  
**1)STOCK JEFFRY B**  
**2)GORDON JOEL**  
**3)STOCK MAXWELL**  
**4)STOCK GREGORY**

(57) Abstract :

The present invention relates to pharmaceutical, cosmetic and cosmeceutical topical compositions containing polyisoprenyl-protein inhibitor compounds and methods useful in the promotion of healthy epithelium and the treatment of epithelial-related conditions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.148/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :12/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : SELECTIVE HYDROGENATION CATALYST DESIGNED FOR RAW GAS FEED STREAMS

|                                               |                                        |                                                                                                                                                  |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B01J23/44;<br>B01J23/48;<br>B01J23/50 | (71) <b>Name of Applicant :</b><br><b>1)SUD-CHEMIE INC.</b><br>Address of Applicant :1600 WEST HILL STREET, LOUISVILLE,<br>KENTUCKY 40210 U.S.A. |
| (31) Priority Document No                     | :10/900,446                            | (72) <b>Name of Inventor :</b>                                                                                                                   |
| (32) Priority Date                            | :27/07/2004                            | <b>1)STEVEN A. BLANKENSHIP</b>                                                                                                                   |
| (33) Name of priority country                 | :U.S.A.                                | <b>2)JENNIFER A. BOYER</b>                                                                                                                       |
| (86) International Application No             | :PCT/US2005/024089                     | <b>3)GARY R. GILBERT</b>                                                                                                                         |
| Filing Date                                   | :07/07/2005                            |                                                                                                                                                  |
| (87) International Publication No             | :WO 2006/023142                        |                                                                                                                                                  |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                                  |
| Filing Date                                   | :NA                                    |                                                                                                                                                  |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                                  |
| Filing Date                                   | :NA                                    |                                                                                                                                                  |

(57) Abstract :

A catalyst for selective hydrogenation of acetylenes and diolefins, particularly in a raw gas feed stream for front end selective hydrogenation. The catalyst contains a low surface area carrier with a surface area from 2 - 20 m<sup>2</sup>/g, wherein the pore volume of the pores of the carrier is greater than 0.4 cc/g, wherein at least 90 percent of the pore volume of the pores is contained within pores having a pore diameter greater than 500 AA and wherein from 1 to 2 percent of the total pore volume is contained in pores with a pore diameter from 500 to 1,000 AA, palladium, wherein the palladium comprises from 0.01 to 0.1 weight percent of the catalyst, and a Group IB metal, wherein the Group IB metal comprises from about 0.005 to about 0.06 weight percent of the catalyst.

(54) Title of the invention : CONNECTION FOR HIGH-PRESSURE MEDIA CONDUITS

(51) International classification :F16L21/035;  
F02M55/00;  
F02M55/02

(31) Priority Document No :A 1292/2004

(32) Priority Date :28/07/2004

(33) Name of priority country :Austria

(86) International Application No :PCT/AT2005/000285

Filing Date :19/07/2005

(87) International Publication No :WO 2006/010182

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

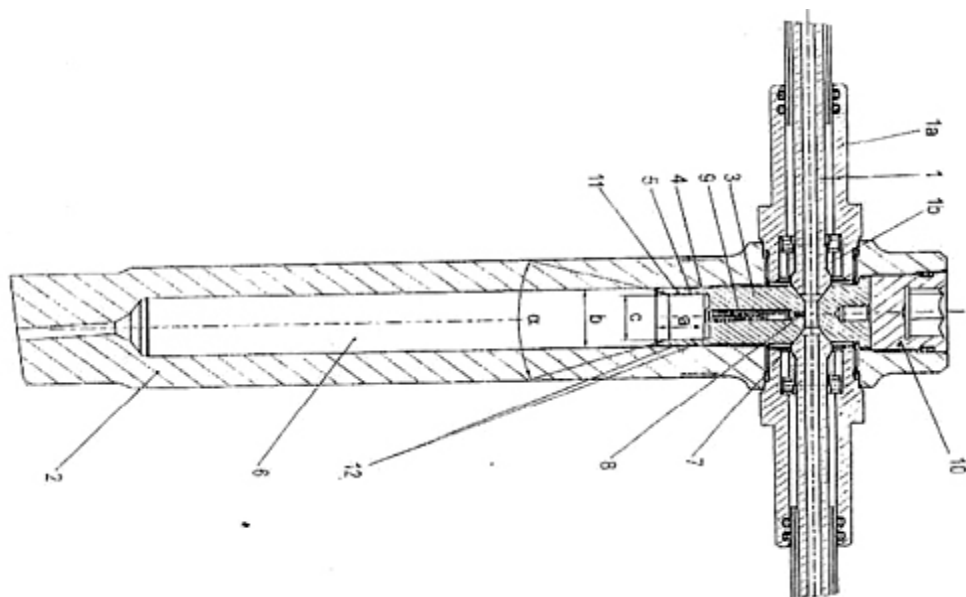
**1)ROBERT BOSCH GMBH**Address of Applicant :WERNERSTRASSE 51, 70469 STUTTGART-  
FEUERBACH, Germany

(72)Name of Inventor :

**1)HLOUSEK, JAROSLAW****2)LEIFERT, VOLKER****3)SCHWAIGHOFER, HERBERT****4)GUGGENBICHLER, FRANZ**

(57) Abstract :

In connection for high-pressure media conduits, in which first conduit (1) includes a connection piece (3) inserted in the interior of a second conduit (2), wherein the connection piece (3) and the second conduit (2) carry cylindrical sealing surfaces (4,5) cooperating with each other either directly or via an interposed seal(14), the connection piece (3), in the region of at least a portion of its sealing surface (4), is formed with a reduced wall thickness amounting to less than 50% of the wall thickness of the second conduit (2) in the region of its sealing surface (5).



(54) Title of the invention : "NEURAL STEM CELLS"

(51) International classification :C12N5/08  
 (31) Priority Document No :0412887.2  
 (32) Priority Date :09/06/2004  
 (33) Name of priority country :U.K.  
 (86) International Application No :PCT/GB2005/002289  
 Filing Date :09/06/2005  
 (87) International Publication No :WO 2005/121318  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH**

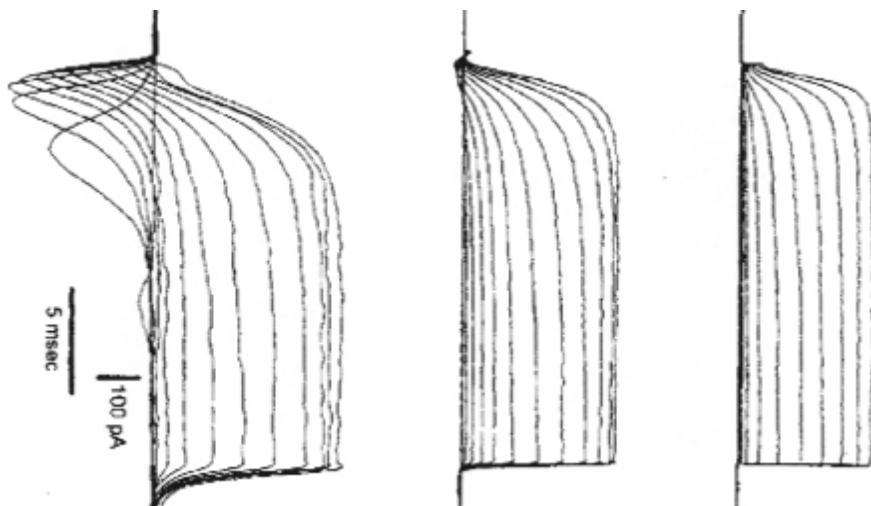
Address of Applicant :OLD COLLEGE, SOUTH BRIDGE, EDINBURGHG EH8 9YL, U.K.

(72)Name of Inventor :

**1)CONTI LUCIANO****2)POLLARD STEVEN MICHAEL****3)SMITH AUSTIN GERARD**

(57) Abstract :

A homogenous, symmetrically dividing population of adherent neural stem cells is obtained from ES cells or foetal or adult brain isolates, using an activator of a signaling pathway downstream of a receptor of the EGF receptor family, optionally in combination with an activator of a signaling pathway downstream of an FGF receptor. The neural stem cell population is highly pure and retains the ability to differentiate into neurons after in excess of 100 passages.



(54) Title of the invention : SYSTEM AND METHODS FOR DISCLOSING TRANSACTION INFORMATION TO CUSTOMERS

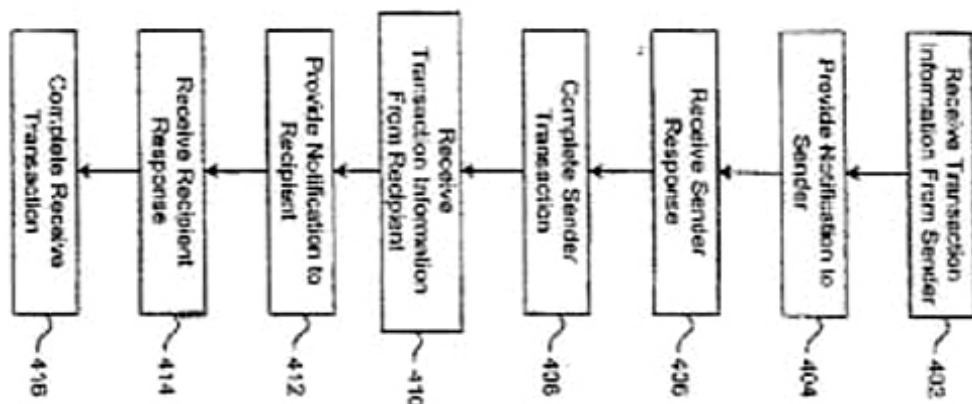
(51) International classification :G06G1/00  
 (31) Priority Document No :10/890,821  
 (32) Priority Date :13/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/023240  
 Filing Date :28/06/2005  
 (87) International Publication No :WO 2006/017033  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)FIRST DATA CORPORATION**  
 Address of Applicant :12500 EAST BELFORD AVENUE,  
 ENGLEWOOD, COLORADO 80112-5939 U.S.A.  
**2)THE WESTERN UNION COMPANY**  
 (72)**Name of Inventor :**  
**1)ALGIENE, KENNETH**  
**2)THOMPSON, MARK**

(57) Abstract :

A method of disclosing transaction information to customers includes receiving at a host computer system a file comprising processing information. The processing information comprises a plurality of transaction categories and fee information associated with each transaction category. The method also includes receiving a message from a point-of-sale device requesting the fee information associated with at least one particular transaction category relating to a transaction with a customer and sending from the host computer system and electronic message comprising the fee information. The method further comprises displaying transaction information relating to the electronic message at the point-of-sale device and providing the customer the opportunity to cancel the transaction. The transaction may involve an exchange between at least two different forms of value.

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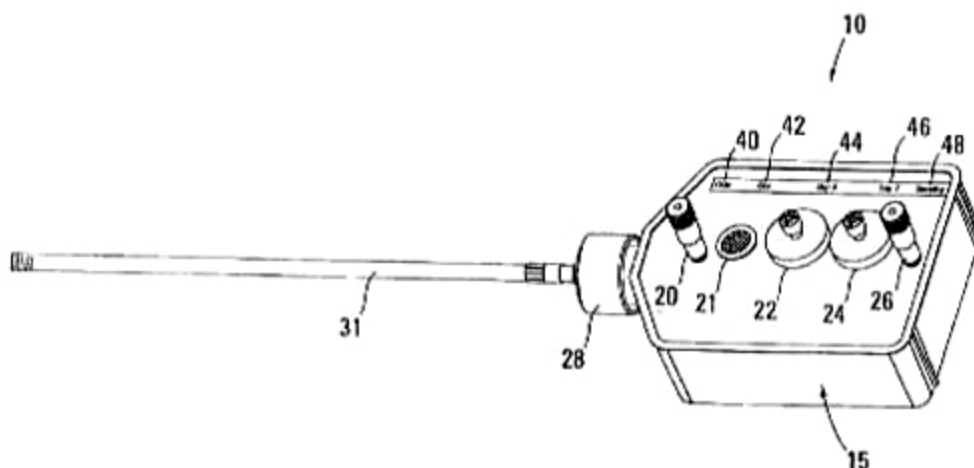


(54) Title of the invention : DEVICES AND METHODS FOR GROWING HUMAN CELLS

|                                               |                        |                                                           |
|-----------------------------------------------|------------------------|-----------------------------------------------------------|
| (51) International classification             | :C12M3/00;<br>C12N5/06 | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :NA                    | <b>1)SORIN GROUP ITALIA S.R.L.</b>                        |
| (32) Priority Date                            | :NA                    | Address of Applicant :VIA BENIGNO CRESPI, 17 20159 MILANO |
| (33) Name of priority country                 | :NA                    | Italy                                                     |
| (86) International Application No             | :PCT/EP2004/007689     | <b>2)CRB NEDERLAND B.V.</b>                               |
| Filing Date                                   | :12/07/2004            | (72)Name of Inventor :                                    |
| (87) International Publication No             | :WO 2006/005360        | <b>1)GIOVANNI MAMBRINI</b>                                |
| (61) Patent of Addition to Application Number | :NA                    | <b>2)GIUSEPPE ASTORI</b>                                  |
| Filing Date                                   | :NA                    | <b>3)IVO PANZANI</b>                                      |
| (62) Divisional to Application Number         | :NA                    | <b>4)LEONARDO BIGI</b>                                    |
| Filing Date                                   | :NA                    | <b>5)VALENTINA ADAMI</b>                                  |
|                                               |                        | <b>6)WALTER MALANGONE</b>                                 |
|                                               |                        | <b>7)ELISABETTA FALASCA</b>                               |

(57) Abstract :

A bioreactor having: a reaction chamber; a first port adapted for the introduction of human cells; a second port adapted for gas exchange, the second port comprising a filter; a third port adapted for introducing culture medium; a fourth port adapted for sampling cells; and a fifth port adapted for harvesting the human cells after they have been cultured.



(54) Title of the invention : BRIDGING DEVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :E01D 19/06        |
| (31) Priority Document No                     | :04018146.3        |
| (32) Priority Date                            | :30/07/2004        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2005/008223 |
| Filing Date                                   | :28/07/2005        |
| (87) International Publication No             | :WO 2006/013064    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)MAGEBA S.A.**

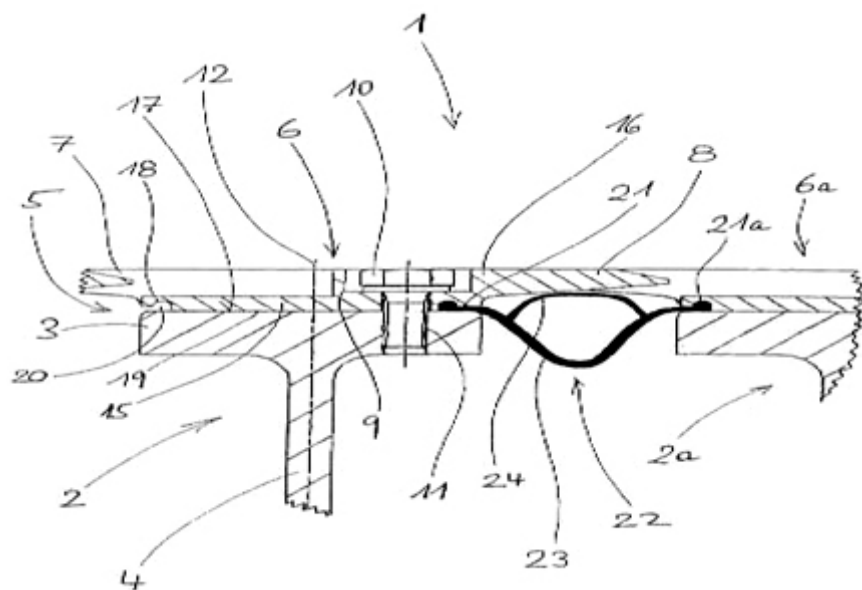
Address of Applicant :SOLISTRASSE 68, CH-8180 BULACH, Switzerland

(72)Name of Inventor :

**1)SPULER, THOMAS**

(57) Abstract :

A bridging device (1) for an expansion joint in a structure that can be traveled upon, said expansion joint being placed between an abutment and a superstructure, comprises at least one plate (2), which extends in a longitudinal direction of the joint, is placed between the abutment and the superstructure, and which is supported on at least two traverses that span the expansion joint while resting upon the abutment and the superstructure. A tooth profile (6) is placed on the top side (5) of the plate and the teeth (7, 8) thereof, which point toward both sides, mesh with the teeth of teeth profiles (6a) assigned to the adjacent plates (2a) or edge profiles. Two sealing strips are connected to each plate and are detachably connected to the adjacent plate(s) or to the adjacent edge profile(s). Both sealing strips (22) connected to the relevant plate (2) are, in the area of the parting plane (19), fixed between the at least one plate (2) and the tooth profile (6) placed thereon.



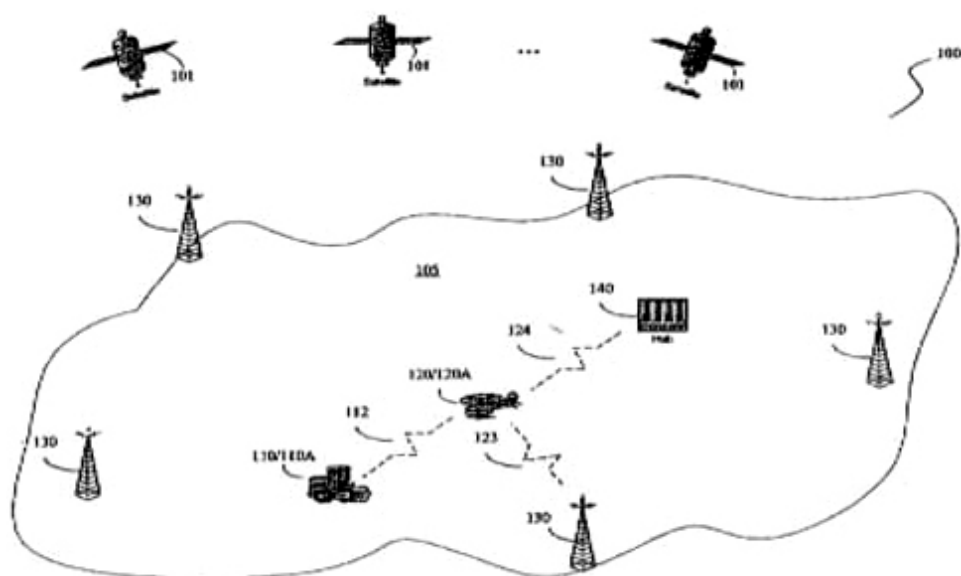


(54) Title of the invention : MOVING REFERENCE RECEIVER FOR RTK NAVIGATION BASED ON CORRECTIONS CALCULATED AT REFERENCE RECEIVER

|                                               |                     |                                                       |
|-----------------------------------------------|---------------------|-------------------------------------------------------|
| (51) International classification             | :G01S5/14; G01S5/00 | (71)Name of Applicant :                               |
| (31) Priority Document No                     | :10/899,570         | <b>1)NAVCOM TECHNOLOGY, INC.</b>                      |
| (32) Priority Date                            | :26/07/2004         | Address of Applicant :20780 MADRONA AVENUE, TORRANCE, |
| (33) Name of priority country                 | :U.S.A.             | CA 90503 U.S.A.                                       |
| (86) International Application No             | :PCT/US2005/015836  | (72)Name of Inventor :                                |
| Filing Date                                   | :05/05/2005         | <b>1)HATCH, RONALD, R.</b>                            |
| (87) International Publication No             | :WO 2006/022924     | <b>2)SHARPE, RICHARD,T.</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 system are provided to determine a relative position vector between primary receiver associated with a reference station and secondary receiver associated with a user. The method and system determine a position of the reference station at the reference station according to signals received thereat from a plurality of satellites, determine a position of the user receiver at the user based on measurements obtained thereat and on error corrections computed at the reference station, and compute the relative position vector by differencing the position of the reference station and the position of the user.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.155/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :12/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : HYBRID CATALYST SYSTEM FOR EXHAUST EMISSIONS REDUCTION

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :B01D53/94;<br>F01N3/08 |
| (31) Priority Document No                     | :10/890,642             |
| (32) Priority Date                            | :14/07/2004             |
| (33) Name of priority country                 | :U.S.A.                 |
| (86) International Application No             | :PCT/IB2005/002011      |
| Filing Date                                   | :14/07/2005             |
| (87) International Publication No             | :WO 2006/008625         |
| (61) Patent of Addition to Application Number | :NA                     |
| Filing Date                                   | :NA                     |
| (62) Divisional to Application Number         | :NA                     |
| Filing Date                                   | :NA                     |

(71)**Name of Applicant :**

**1)EATON CORPORATION**

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CLEVELAND, OHIO 44114-2584, UNITED STATES OF AMERICA, A  
CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS  
OF THE STATE OF OHIO. U.S.A.

(72)**Name of Inventor :**

**1)HU, HAORAN**

**2)STOVER, THOMAS**

(57) Abstract :

An exhaust treatment system has an SCR reactor following a LNT. Syn gas is used to regenerate the LNT. In one embodiment, an ammonia source separate from the LNT is provided. In another embodiment, the system is provided with first and second LNTs and one or more SCRs downstream of the LNTs. Control strategies are also described. The strategies relate to one or more of the time to initiate a regeneration cycle, the time to terminate a regeneration cycle, and the reductant injection rate during regeneration of an LNT.

(54) Title of the invention : "METHOD FOR DISPLAYING BIOINFORMATION USING MILLIMETER-WAVE BAND ELECTROMAGNETIC WAVE, DEVICE FOR ACQUIRING AND DISPLAYING BIOINFORMATION"

(51) International classification :A61B10/00  
 (31) Priority Document No :2004-203526  
 (32) Priority Date :09/07/2004  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2005/012757  
 Filing Date :11/07/2005  
 (87) International Publication No :WO 2006/006559  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)INTELLECTUAL PROPERTY BANK CORP.**

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(72)Name of Inventor :

**1)IWAMATSU, SEIICHI**

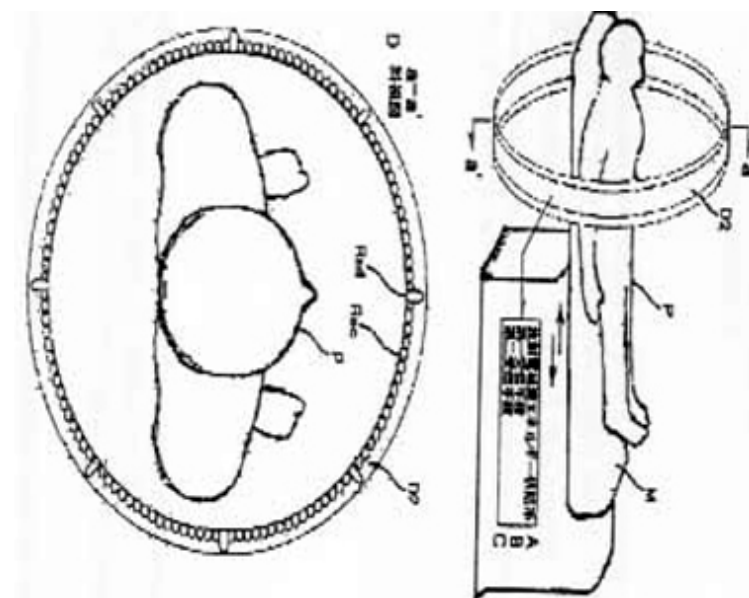
**2)MARUI, TOMOHIRO**

**3)KAWAGUCHI, NOBUAKI**

**4)SHINOZAKI, MAKOTO**

(57) Abstract :

A method and device for extracting medically effective information by applying a millimeter-wave band electromagnetic wave to an organism and analyzing transmission, reflection and spontaneous radiation signals. The method and display comprise an acquiring step or means in which a database is so prepared in advance that from the transmission, reflection, and spontaneous electromagnetic wave data measured in a state that an organism is irradiated with an electromagnetic wave having wavelength components the wavelengths of which are 6 to 14 mm and a state that the organism is not irradiated, electromagnetic characteristics at the organism surface and in the organism is categorized and organized by actual condition of the organism constituent element, and the actual condition information on the organism constituent element of the subject is acquired according to the database information from the transmission, reflection, and spontaneous electromagnetic wave data measured in a state that the organism, the subject, is irradiated with a similar electromagnetic wave and a state that the organism is not irradiated; a step of associating the position information on the measurement portion of the subject with three-dimensional meridians and meridian points; and an image displaying step.

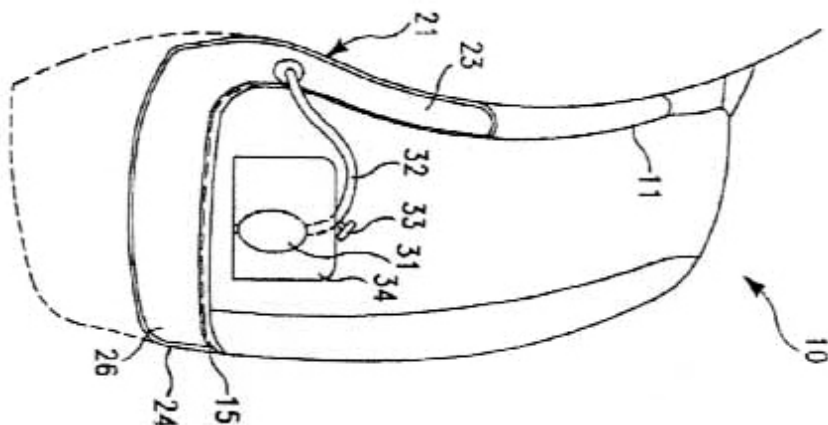


(54) Title of the invention : "BACKPACK WITH BACK CUSHIONING MEANS"

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :A45F3/04          | (71)Name of Applicant :                                  |
| (31) Priority Document No                     | :11/101,044        | <b>1)CHRISTY, PHILIP, TROY</b>                           |
| (32) Priority Date                            | :07/04/2005        | Address of Applicant :52 MARTIN ROAD, HOPEWELL JUNCTION, |
| (33) Name of priority country                 | :U.S.A.            | NY 12533 U.S.A.                                          |
| (86) International Application No             | :PCT/US2005/014480 | (72)Name of Inventor :                                   |
| Filing Date                                   | :27/04/2005        | <b>1)CHRISTY, PHILIP, TROY</b>                           |
| (87) International Publication No             | :WO 2006/110150    |                                                          |
| (61) Patent of Addition to Application Number | :NA                |                                                          |
| Filing Date                                   | :NA                |                                                          |
| (62) Divisional to Application Number         | :NA                |                                                          |
| Filing Date                                   | :NA                |                                                          |

(57) Abstract :

A backpack is provided with a cushioning, inflatable bladder (21), the lower part of which extends across the bottom (15) and an upwardly extending part so as when inflated, it generally conforms to the shape of the curvature of the thoracic region of the spine. The bladder is enclosed within a zippered bag (24) wrapped around it that is joined to the outer surface of the backpack. A pump (31) is provided for inflating the bladder. The pump is hand operated with a bulb-shaped configuration and connected to the bladder by means of a tube (32). An air valve (33) connected to the tube controls the amount of air flow into the bladder and maintains the bladder in inflated position after air has been pumped in, and also permits deflation of the bladder. The pump and valve may be stored in a side pocket (34) of the backpack provided for that purpose. Optionally, the pump could be battery operated.



(54) Title of the invention : "MECHANISMS FOR EXECUTING A COMPUTER PROGRAM"

(51) International classification :G06F 21/00  
 (31) Priority Document No :20045271  
 (32) Priority Date :12/07/2004  
 (33) Name of priority country :Finland  
 (86) International Application No :PCT/FI2005/050279  
 Filing Date :11/07/2005  
 (87) International Publication No :WO 2006/005812  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

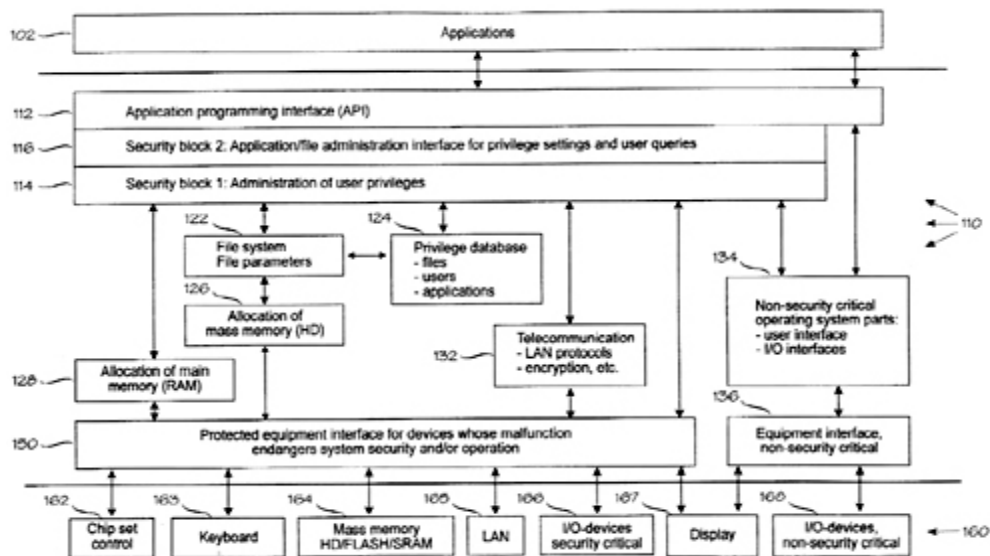
**1)EJ-SUUNNITTELU OY**Address of Applicant :TUOMIKUJA 1 AS 4, FI-21450, TARVASJOKI  
Finland

(72)Name of Inventor :

**1)NIEMINEN EERO**

(57) Abstract :

An operating system (110) is arranged to provide system services to an application (102) requesting them, the services being selected from a predetermined system service group. The operating system comprises main memory allocation logic (128), mass memory allocation logic (122, 126), an application interface (112), via which the application program (102) can request system services from the operating system, and application installation and execution logic for installing the application (102) and for specifying its identifier. For preventing malicious programs, the inventive operating system comprises, instead of or in addition to a conventional user privilege administrator (114), an application privilege administrator (116) responsive to a request for a system service transmitted by the application (102) over the application interface (112). The application privilege administrator is arranged to administer the application (102, 20, 30) privilege group such that it includes the right to use a subgroup of said system service group.



(54) Title of the invention : "CHROMIUM PLATING METHOD"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C25D 3/06         |
| (31) Priority Document No                     | :10/876,073        |
| (32) Priority Date                            | :24/06/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/012816 |
| Filing Date                                   | :14/04/2005        |
| (87) International Publication No             | :WO 2006/006992    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)KUZMIN LEONID**

Address of Applicant :800 EAST 17TH STREET, APT.5C, NEW YORK, NY 11230 U.S.A.

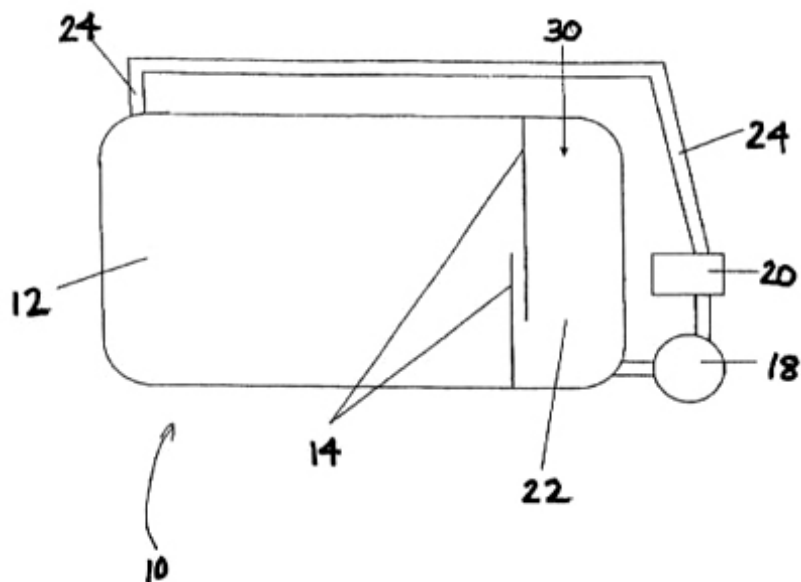
**2)YEDIGARIAN GUEGUINE**

(72)Name of Inventor :

**1)EDIGARYAN ARAMAYIS**

(57) Abstract :

An electrolyte bath and method of electrolytically plating a layer of metallic chromium on a substrate comprises providing an electrolyte bath of a trivalent chromium, passing a current through the bath from an anode to a cathode which receives the substrate, maintaining the electrolyte bath at a desired temperature and a desired pH and depositing the trivalent chromium onto the substrate at a desired rate.



(54) Title of the invention : "4-ARYLMORPHOLIN-3-ONE DERIVATIVES, PREPARATION AND THERAPEUTIC USE THEREOF"

(51) International classification :C07D413/06,  
A61K31/537,  
C07D265/10

(31) Priority Document No :0408222

(32) Priority Date :23/07/2004

(33) Name of priority country :France

(86) International Application No :PCT/FR2005/001852  
Filing Date :20/07/2005

(87) International Publication No :WO 2006/021654

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

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

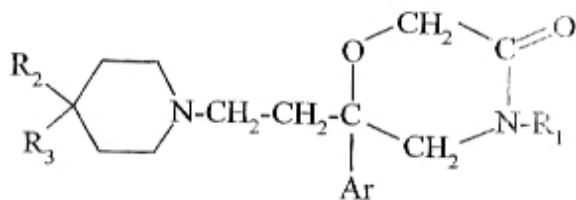
**1)SANOFI AVENTIS**Address of Applicant :174, AVENUE DE FRANCE, PARIS, 75013,  
France

(72)Name of Inventor :

**1)EMONDS-ALT XAVIER****2)PROIETTO, VINCENZO**

(57) Abstract :

The invention relates to compounds corresponding to formula (I): in which: - Ar represents a mono- or disubstituted phenyl; - R1 represents an unsubstituted or substituted phenyl; - R2 represents: . a pyridyl; . an unsubstituted or substituted phenyl; . a benzyl that is unsubstituted or substituted on the phenyl; - R2 may moreover represent: . a heterocyclic radical; - R3 represents various values. Preparation process therefor and therapeutic application thereof.



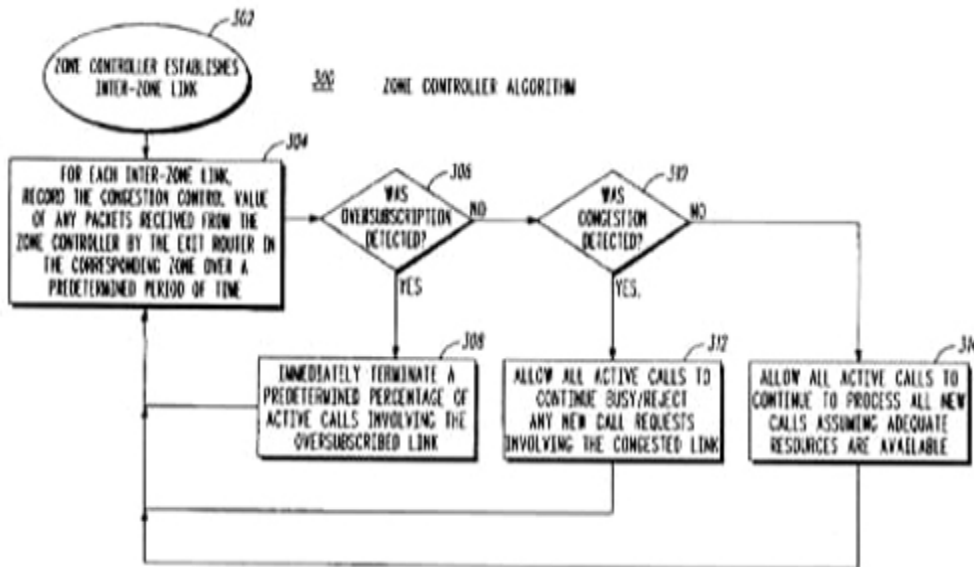
(54) Title of the invention : "METHOD FOR MANAGING INTER-ZONE BANDWIDTH IN A TWO-WAY MESSAGING NETWORK"

(51) International classification :G06F15/16  
 (31) Priority Document No :10/890,002  
 (32) Priority Date :13/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/024344  
 Filing Date :08/07/2005  
 (87) International Publication No :WO 2006/017194  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)MOTOROLA, INC.**  
 Address of Applicant :1303 EAST ALGONQUIN ROAD,  
 SCHAUMBURG, ILLINOIS 60196 U.S.A.  
 (72)**Name of Inventor :**  
**1)TAYLOR BENJAMIN F**

(57) Abstract :

A congestion control level method for a messaging system having a plurality of exit routers (104) coupled to a plurality of zone controllers (102) which includes determining a congestion control value based on the traffic type, and notifying the plurality of zone controllers over the control plane of the congestion control level on the audio plane based on the congestion control value. The traffic type can be audio, voice and/or data as described herein.



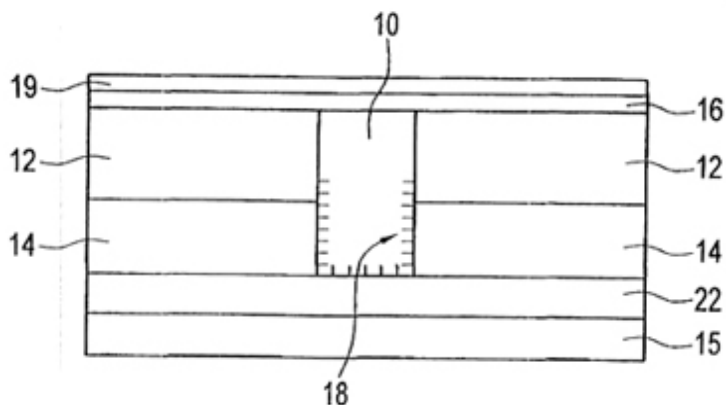


(54) Title of the invention : FIELD EMISSION ASSISTED MICRODISCHARGE DEVICES

|                                               |                     |                                                              |
|-----------------------------------------------|---------------------|--------------------------------------------------------------|
| (51) International classification             | :H01J1/62; H01J1/02 | (71) <b>Name of Applicant :</b>                              |
| (31) Priority Document No                     | :10/891,417         | <b>1)THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS</b> |
| (32) Priority Date                            | :14/07/2004         | Address of Applicant :506 SOUTH WRIGHT STREET, 352 HENRY     |
| (33) Name of priority country                 | :U.S.A.             | ADMINISTRATION BUILDING, URBANA IL 61801 U.S.A.              |
| (86) International Application No             | :PCT/US2005/025121  | (72) <b>Name of Inventor :</b>                               |
| Filing Date                                   | :12/07/2005         | <b>1)PARK, SUNG-JIN</b>                                      |
| (87) International Publication No             | :WO 2006/130157     | <b>2)EDEN,J,GARY</b>                                         |
| (61) Patent of Addition to Application Number | :NA                 | <b>3)PARK-KYUNG-HO</b>                                       |
| Filing Date                                   | :NA                 |                                                              |
| (62) Divisional to Application Number         | :NA                 |                                                              |
| Filing Date                                   | :NA                 |                                                              |

## (57) Abstract :

Field emission nanostructures (18) assist operation of microdischarge device. The field emission nanostructures are integrated into the microdischarge device(s) or are situated near an electrode (14, 16, 36, 38) of the microdischarge device(s). The field emission nanostructures reduce operating and ignition voltages compared to otherwise identical device lacking the field emission nanostructures, while also increasing the radiative output of the microdischarge device(s).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.162/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :12/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD AND ASSAYS FOR DETECTING GUANYLATE CYCLASE ACTIVITY

|                                               |                           |
|-----------------------------------------------|---------------------------|
| (51) International classification             | :C12Q1/527;<br>G01N33/573 |
| (31) Priority Document No                     | :04016774.4               |
| (32) Priority Date                            | :16/07/2004               |
| (33) Name of priority country                 | :EUROPEAN<br>UNION        |
| (86) International Application No             | :PCT/EP2005/006887        |
| Filing Date                                   | :27/06/2005               |
| (87) International Publication No             | :WO 2006/007937           |
| (61) Patent of Addition to Application Number | :NA                       |
| Filing Date                                   | :NA                       |
| (62) Divisional to Application Number         | :NA                       |
| Filing Date                                   | :NA                       |

(71)**Name of Applicant :**

**1)AXXAM, S.R.L.**

Address of Applicant :VIA MASSENA, 12/7, 20145 MILANO Italy

(72)**Name of Inventor :**

**1)LOHMER, STEFAN**

**2)CORAZZA, SABRINA**

**3)LIBERATI, CHIARA**

(57) Abstract :

The present invention relates to soluble guanylate cyclase (sGC) enzymes. In particular it provides a cell-based assay system, which allows to detect with high efficiency and sensitivity the soluble guanylate cyclase enzymatic activity. In a preferred embodiment, the invention provides a method of screening molecules that interact with sGC by stimulating or inhibiting its enzymatic activity and that can be used in the diagnosis or therapy of sGC-mediated dysfunctions or diseases. The invention further provides gene-constructs, vectors, and cells for use in said method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.163/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :12/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "DRUG DELIVERY PRODUCT AND METHODS"

(51) International classification

:A61K9/00;  
A61K9/50

(31) Priority Document No

:10/869,693

(32) Priority Date

:16/06/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/021161

Filing Date

:15/06/2005

(87) International Publication No

:WO 2006/007372

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)**Name of Applicant :**

**1)OSTROFF GARY R**

Address of Applicant :OSTROFF & ASSOCIATES, 301 BRIDLE  
PATH, WORCESTER, MA 01604 U.S.A.

(72)**Name of Inventor :**

**1)OSTROFF GARY R**

(57) Abstract :

The present invention provides a particulate delivery system comprising an extracted yeast cell wall comprising beta-glucan, a payload molecule and a payload trapping molecule. The invention further provides methods of making and methods of using the particulate delivery system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.164/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :15/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "ANTHER SPECIFIC PROMOTERS AND USES THEREOF"

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :C12N15/29         | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :2004903245        | <b>1)LA TROBE UNIVERSITY</b>                          |
| (32) Priority Date                            | :15/06/2004        | Address of Applicant :PLENTY ROAD, BUNDOORA, VICTORIA |
| (33) Name of priority country                 | :Australia         | 3083 Australia                                        |
| (86) International Application No             | :PCT/AU2005/000853 | <b>2)GRAINS RESEARCH AND DEVELOPEMENT CORPORATION</b> |
| Filing Date                                   | :15/06/2005        | (72) <b>Name of Inventor :</b>                        |
| (87) International Publication No             | :WO 2005/123920    | <b>1)LI, SONG</b>                                     |
| (61) Patent of Addition to Application Number | :NA                | <b>2)PARISH,ROGER</b>                                 |
| Filing Date                                   | :NA                |                                                       |
| (62) Divisional to Application Number         | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |

(57) Abstract :

The present invention provides as isolated anther specific promoter nucleic acid molecule homologous to the Ta39 promoter of tobacco. Also contemplated are used of the nucleic acid molecule to direct expression of a heterologous nucleic acid molecule to anther and/or pollen of a plant.

(54) Title of the invention : LIQUID FEED UNIT FOR A LIQUID SPRAY INSTRUMENT AND LIQUID SPRAY INSTRUMENT COMPRISING SUCH A LIQUID FEED

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B43K29/08         |
| (31) Priority Document No                     | :0408138           |
| (32) Priority Date                            | :22/07/2004        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/EP2005/007976 |
| Filing Date                                   | :05/07/2005        |
| (87) International Publication No             | :WO 2006/008165    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)SOCIÉTÉ BIC**

Address of Applicant :14, RUE JEANNE D'ASNIÈRES, 92611 CLICHY CEDX France

(72)Name of Inventor :

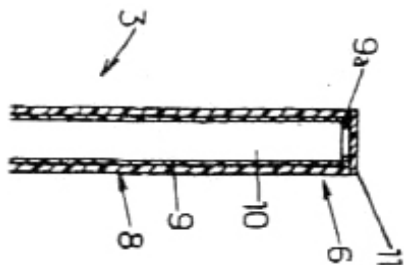
**1)BICH XAVIER**

**2)ROSENZWEIG ALAIN**

**3)RATH KURT**

(57) Abstract :

Liquid feed unit (3) intended to be mounted in a liquid spray instrument, the said unit comprising: a liquid cartridge (6), and a liquid spray head (7) connected to the liquid cartridge (6). The liquid feed unit (3) also comprises an energy supply source (8) attached to the liquid cartridge (6) so as to form a pre-assembled feed unit (3) intended to be mounted directly in the liquid spray instrument.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.166/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :15/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "NETWORK MOBILITY MANAGEMENT METHOD AND CORRESPONDING APPARATUS"

|                                               |                    |                                                      |
|-----------------------------------------------|--------------------|------------------------------------------------------|
| (51) International classification             | :H04L29/06         | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :2004-203869       | <b>1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.</b>    |
| (32) Priority Date                            | :09/07/2004        | Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, |
| (33) Name of priority country                 | :Japan             | OSAKA 571-8501 Japan                                 |
| (86) International Application No             | :PCT/JP2005/013195 | (72) <b>Name of Inventor :</b>                       |
| Filing Date                                   | :11/07/2005        | <b>1)JUN HIRANO</b>                                  |
| (87) International Publication No             | :WO 2006/006706    | <b>2)NG CHAN WAH</b>                                 |
| (61) Patent of Addition to Application Number | :NA                | <b>3)TAN, PEK YEW</b>                                |
| Filing Date                                   | :NA                |                                                      |
| (62) Divisional to Application Number         | :NA                |                                                      |
| Filing Date                                   | :NA                |                                                      |

(57) Abstract :

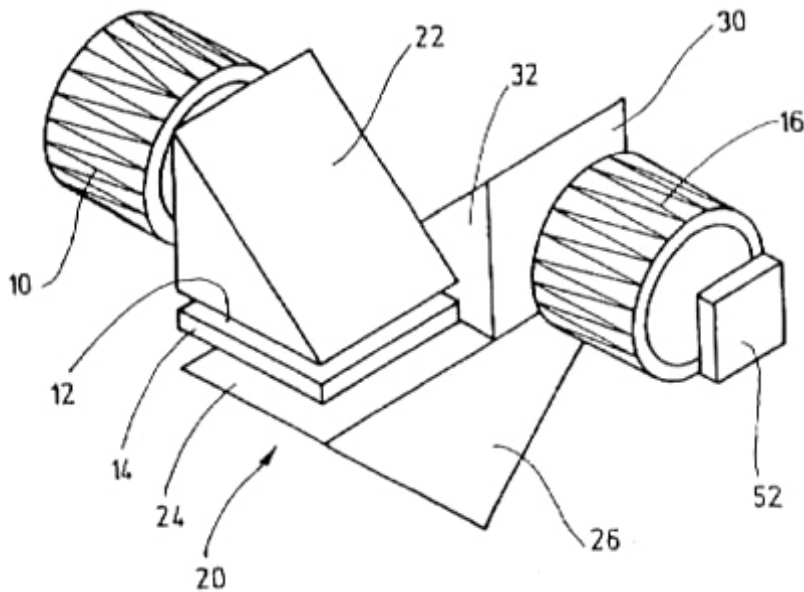
The present invention discloses a technique for realizing more secure communication and more efficient communication. According this technique, mobile router 111 informs correspondent node 130 of network prefix of a mobile network which mobile router includes behind, by sending HoTI message 203. Correspondent node sends NPT message 205 including the token which is cryptographically generated based on the network prefix in the HoTI message. Mobile router extracts this token and sends BU message 206 which comprises the checksum which is generated by this token and the conventional RR procedure tokens. Instead of the above mobile router, correspondent router can be also applied.

(54) Title of the invention : OPTICAL IMAGE CONVERTER ARRANGEMENT

|                                               |                      |                                                          |
|-----------------------------------------------|----------------------|----------------------------------------------------------|
| (51) International classification             | :H04N5/225,G02B27/00 | (71)Name of Applicant :                                  |
| (31) Priority Document No                     | :102004038019.8      | <b>1)FICAM DIGITAL DEVELOPMENT GMBH &amp; CO. KG.</b>    |
| (32) Priority Date                            | :04/08/2004          | Address of Applicant :DAIMLERSTRASSE 32, 71696 MOGLINGEN |
| (33) Name of priority country                 | :Germany             | Germany                                                  |
| (86) International Application No             | :PCT/EP2005/008388   | (72)Name of Inventor :                                   |
| Filing Date                                   | :03/08/2005          | <b>1)DIEM MARK</b>                                       |
| (87) International Publication No             | :WO 2006/015776      |                                                          |
| (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 optical image converter system to be used in video cameras. Said image converter system comprises a recording lens (10) that is to be oriented towards an object and generates a real intermediate image of the object with a defined image size and depth of focus on a first translucent projection disk (14) defining a first image plane (12). The inventive image converter system further comprises a prism arrangement (20) that is positioned in the beam path (13) as well as an image converter lens (16) which is disposed behind the recording lens (10) in the beam path (13), is oriented towards the rear face of the projection disk (14), and is used for generating a real main image of the object on a second image plane (18). In order to design said image converter system in a compact manner, the projection disk (14) is placed in an intermediate space (24) between two facing, parallel prism surfaces within the prism arrangement.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.168/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :15/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR MODULATING GENE EXPRESSION BY ALTERING THE CPG CONTENT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C12N15/63         |
| (31) Priority Document No                     | :102004037652.2    |
| (32) Priority Date                            | :03/08/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/008423 |
| Filing Date                                   | :03/08/2005        |
| (87) International Publication No             | :WO 2006/015789    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)GENEART GMBH**

Address of Applicant :JOSEF-ENGERT-STRASSE 11, 93053  
REGENSBURG Germany

(72)**Name of Inventor :**

**1)NOTKA, FRANK**

**2)GRAF, MARCUS**

**3)LEIKAM, DORIS**

**4)WAGNER, RALF**

**5)RAAB, DAVID**

(57) Abstract :

The invention relates to nucleic acid modifications for a directed expression modulation by the targeted insertion or removal of CpG dinucleotides. The invention also relates to modified nucleic acids and expression vectors.



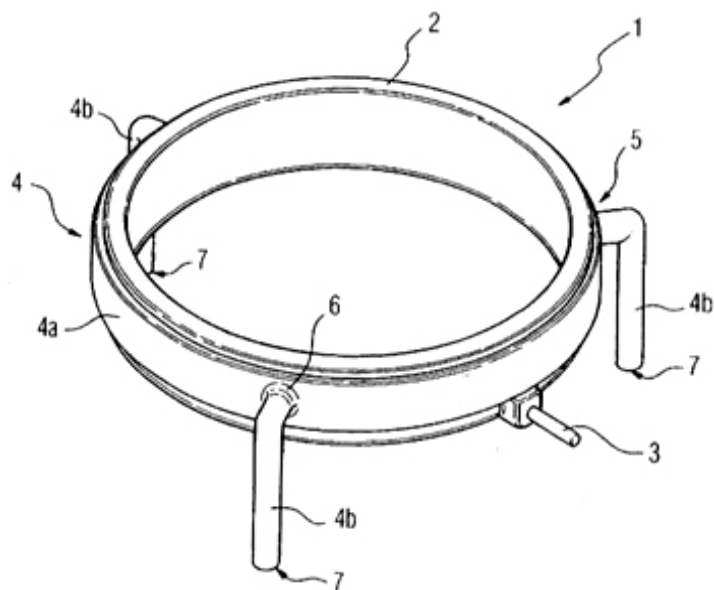
(54) Title of the invention : COUPLING ELECTRODE FOR CAPACITIVE VOLTAGE TAPPING WITHIN THE INSULATING BODY OF A BUSHING OR OF A POST INSULATOR

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01B17/00         |
| (31) Priority Document No                     | :102004035176.7    |
| (32) Priority Date                            | :16/07/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/053380 |
| Filing Date                                   | :14/07/2005        |
| (87) International Publication No             | :WO 2006/008265    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
 Address of Applicant :WITTELSBACHERPLATZ 2 80333  
 MUNCHEN Germany  
 (72)**Name of Inventor :**  
**1)CLEMENS ALBERT**  
**2)WILFRIED ALBERT**  
**3)STEFAN HOHMANN**  
**4)HELMUT SPÄ,CK**

(57) Abstract :

According to the invention, a coupling electrode (1), for capacitive voltage tapping within an insulation body (9) of an assembly (8,18), comprising at least one conducting section (10, 19) embedded in the insulation body (9) which may be provided with a high voltage potential, with an electrode section (2), made from a semiconducting plastic and a connector element (3), electrically connected to the electrode section (2), embodied to extend from the insulation body (9), may be economically prepared, whereby a retainer (4), made from a non-conducting material, is connected to the electrode section (2) and comprises positioning means (7), with which an insulated mounting of the electrode section (2) is possible.



(54) Title of the invention : "SUBSTITUTED CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND PHARMACEUTICAL USE THEREOF AS KINASE INHIBITORS"

(51) International classification :CO7D401/06CO7D409/14  
 (31) Priority Document No :04291903.5  
 (32) Priority Date :27/07/2004  
 (33) Name of priority country :EUROPEAN UNION  
 (86) International Application No :PCT/EP2005/008722  
 Filing Date :25/07/2005  
 (87) International Publication No :WO 2006/010643  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

**1)AVENTIS PHARMA S. A.**

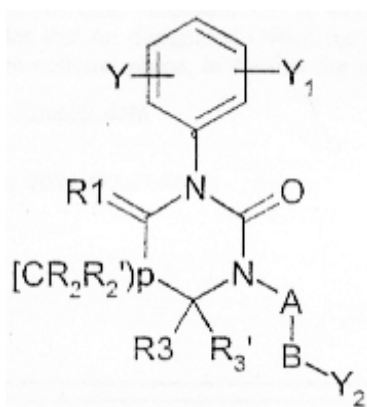
Address of Applicant :20 AVENUE RAYMOND ARON, F-92160, ANTONY, France

## (72)Name of Inventor :

**1)STROBEL, HARTMUT****2)RUF, SVEN****3)LESUISSE, DOMINIQUE****4)NEMECEK, CONCEPTION****5)EL-AHMED YOUSSEF****6)MAUGER, JACQUES****7)GUESSREGEN, STEFAN****8)RITTER, KURT****9)MALLERON, JEAN-LUC**

## (57) Abstract :

The invention relates to the products of formula (I);



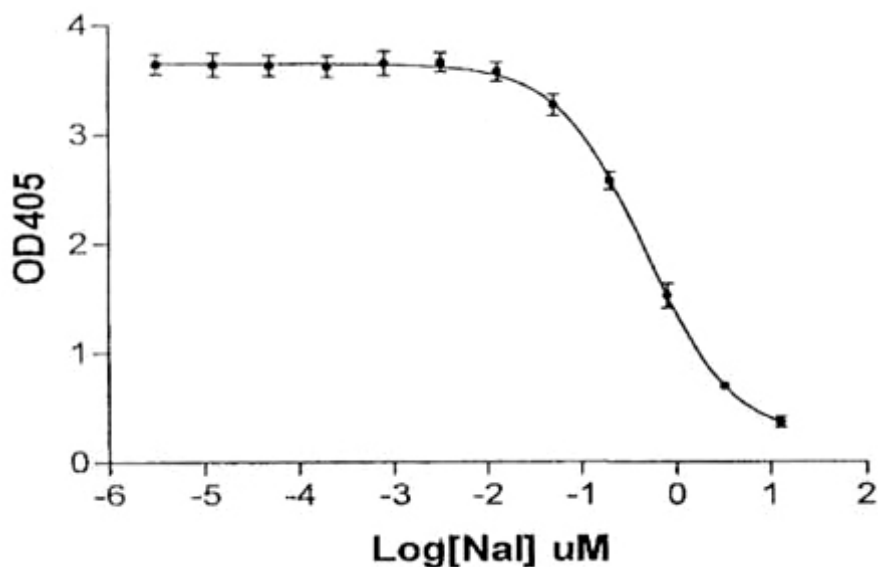
(54) Title of the invention : METHODS FOR MEASURING CHLORIDE CHANNEL CONDUCTIVITY

(51) International classification :G01N33/68;  
G01N33/50  
(31) Priority Document No :60/582,338  
(32) Priority Date :23/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/021738  
Filing Date :21/06/2005  
(87) International Publication No :WO 2006/009986  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)ORTHO MCNEIL PHARMACEUTICAL,INC**  
Address of Applicant :U.S.ROUTE 202,RARITAN, NJ 08869 U.S.A.  
(72)**Name of Inventor :**  
**1)WEIMIN TANG**  
**2)MARY JO WILDEY**

(57) Abstract :

The invention provides non-radioactive methods to assay for functional chloride channels. The methods colorimetrically detect the amount of iodide conducted by a chloride channel. They can be easily adapted for high throughput assays or screenings.



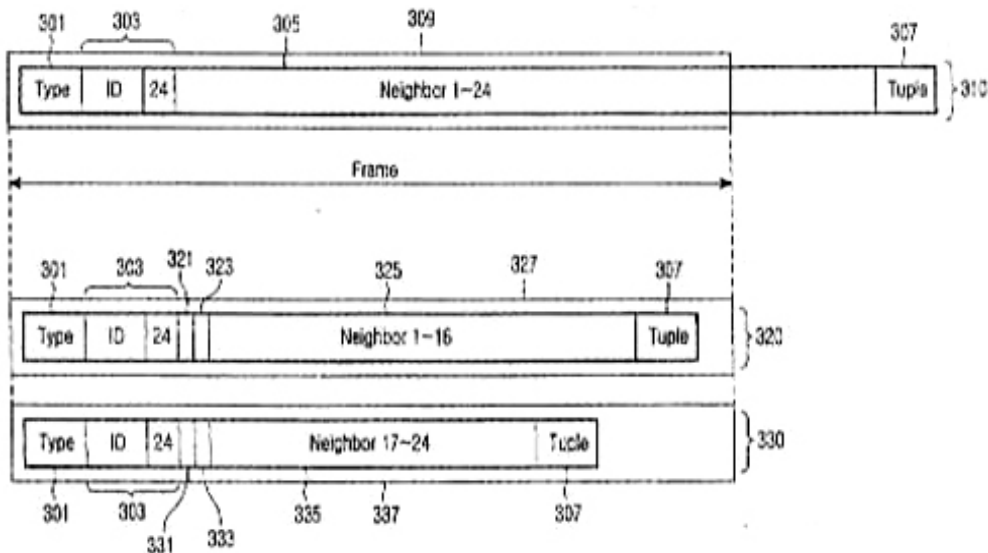
(54) Title of the invention : METHOD AND SYSTEM FOR FORMING AND TRANSMITTING/RECEIVING NEIGHBOR BASE STATION INFORMATION IN A BWA COMMUNICATION SYSTEM

(51) International classification :H04B7/26  
 (31) Priority Document No :10-2004-0064901  
 (32) Priority Date :17/08/2004  
 (33) Name of priority country :Republic of Korea  
 (86) International Application No :PCT/KR2005/002710  
 Filing Date :17/08/2005  
 (87) International Publication No :WO 2006/036043  
 (61) 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 ELECTRONICS CO.LTD**  
 Address of Applicant :416,MAETAN-DONG,YEONGTONG-GU,SUWON-SI GYEONGGI-DO Republic of Korea  
 (72)**Name of Inventor :**  
**1)JUN-HYUNG KIM**  
**2)TAE-WON KIM**  
**3)HONG-SUNG CHANG**  
**4)YONG CHANG**  
**5)GEUN-HWI LIM**

(57) Abstract :

Disclosed is a method and system for forming and transmitting to an MS a broadcast message for notifying information of neighbor BSs in a BWA communication system. The method includes scanning neighbor base stations adjacent to the serving base station, collecting information of the scanned neighbor base stations, comparing a size of the information of the scanned neighbor base stations with a size of a frame for carrying the information of the neighbor base stations constructing at least one broadcast message that includes the information of the neighbor base stations according to a result of the comparison, setting up fields of the constructed broadcast message according to information included in the constructed broadcast message and broadcasting the broadcast message including the setup fields.



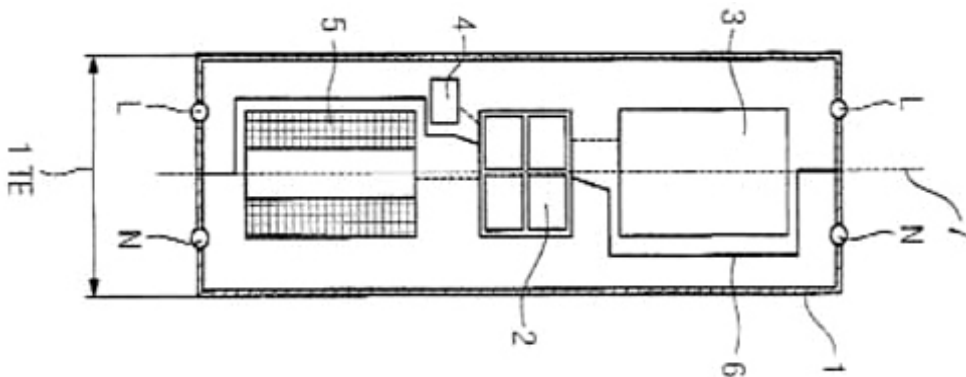
(54) Title of the invention : CIRCUIT BREAKER WITH A NARROW DESIGN

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01H83/22         |
| (31) Priority Document No                     | :102004034859.6    |
| (32) Priority Date                            | :19/07/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/053412 |
| Filing Date                                   | :15/07/2005        |
| (87) International Publication No             | :WO 2006/008273    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333  
 MUNCHEN Germany  
 (72)**Name of Inventor :**  
**1)ECKERT, GUNTHER**  
**2)LEITL, WOLFGANG**

## (57) Abstract :

The invention proposes a more compact design for circuit breakers having extended functionality. Such a circuit breaker has a housing (1), in which a switching device (2), a short-circuit tripping device (3) and a residual-current tripping device (5) are arranged. For a compact design and in particular for implementing a narrow design, the center of the switching device (2), the center of the short-circuit tripping device (3) and the center of the residual-current tripping device (5) are arranged substantially in one plane. This makes it possible, for example, to combine line circuit breakers with residual-current circuit breakers in one module, the width of which is a pitch unit of 18mm.



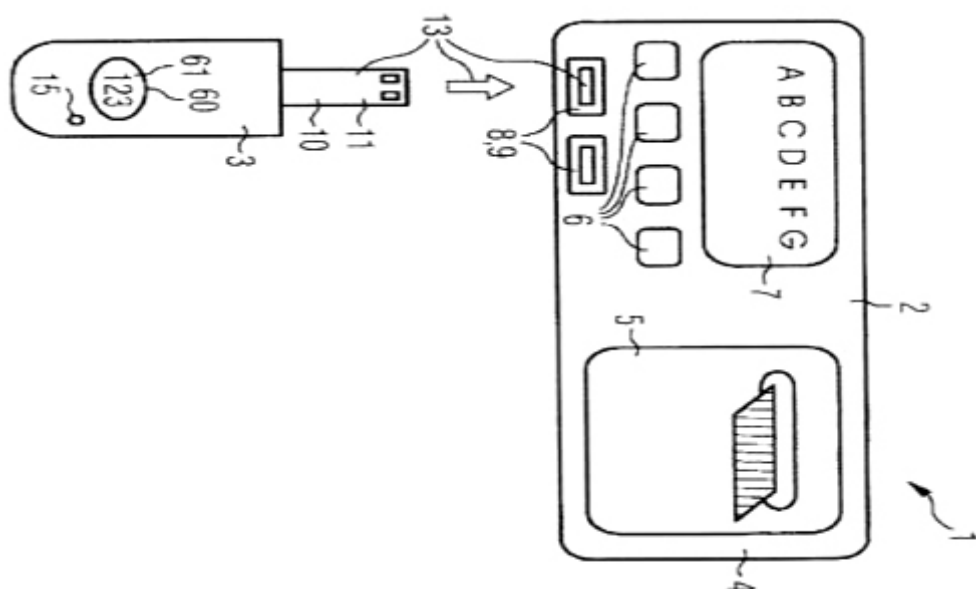
(54) Title of the invention : DATA TRANSMISSION IN AN ARRANGEMENT COMPRISING A TACHOGRAPH

(51) International classification :G07C 5/00 7/00,  
 (31) Priority Document No :102004030869.1  
 (32) Priority Date :25/06/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/052394  
 Filing Date :25/05/2005  
 (87) International Publication No :WO 2006/000507  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333  
 MUNCHEN Germany  
 (72)**Name of Inventor :**  
**1)HEMMAT ESFANDABADT, RIAZ**

## (57) Abstract :

The invention relates to an arrangement (1) comprising a tachograph (2), an external mobile data memory device (3) with an external second interface (10), said interface corresponding with the first interface (9), for providing data (50) transmission. The invention also relates to a method for transmitting data in an arrangement of the aforementioned type. For safety reasons, conventional arrangements provide for a complete mechanical isolation of the memory device (3) during transmission, said memory device being configured as a data card. In order to reduce cost without compromising safety, the inventive tachograph (2) comprises a first encoding unit (32) associated to an interface (9) of the tachograph (2) and the data memory device (3) comprises a second encoding unit (42) to enable data (50) transmission in encoded form.



(54) Title of the invention : VALVE FOR USE IN A FUEL LINE OF A MOTOR VEHICLE

(51) International classification :F02M55/02;  
F16K15/02;  
F16K15/06

(31) Priority Document No :102004037419.8

(32) Priority Date :30/07/2004

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2005/053640

Filing Date :26/07/2005

(87) International Publication No :WO 2006/013176

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

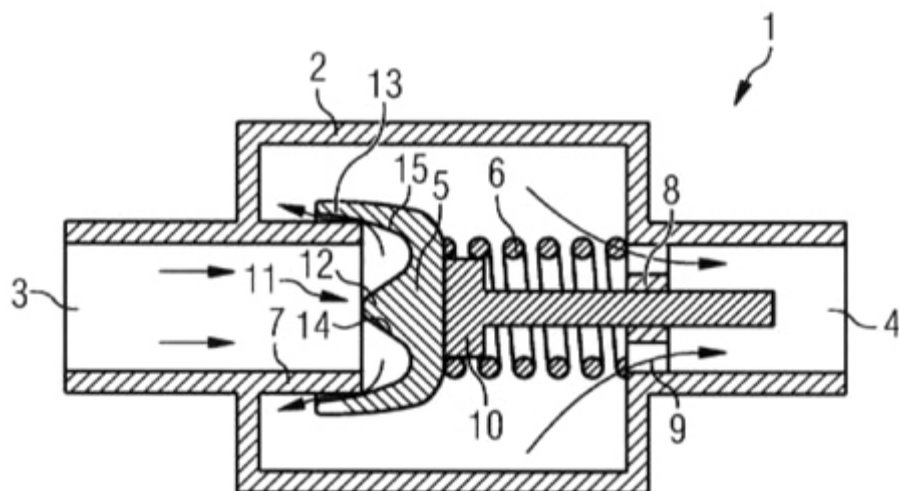
Filing Date :NA

(71)Name of Applicant :  
**1)SIEMENS AKTIENGESELLSCHAFT**  
Address of Applicant :WITTELSBACHERPLATZ 2, 80333  
MUNCHEN Germany

(72)Name of Inventor :  
**1)DICKENSCHIED, LOTHAR**  
**2)MOHRING, DIRK**

## (57) Abstract :

The invention concerns a valve (1) for use in a fuel line of a motor vehicle, comprising a sealing seat (7), a valve body (5) which closes the sealing seat (7) and a spring device (6, 16, 17), which pre-tensions the valve body (5) against the sealing seat (7). The side of the valve body (5) facing the sealing seat (7) has a contour (11) for deflecting the volume flow over an angle of greater than 90° and the outer diameter of the contour (11) is greater than the diameter of the sealing seat (7).



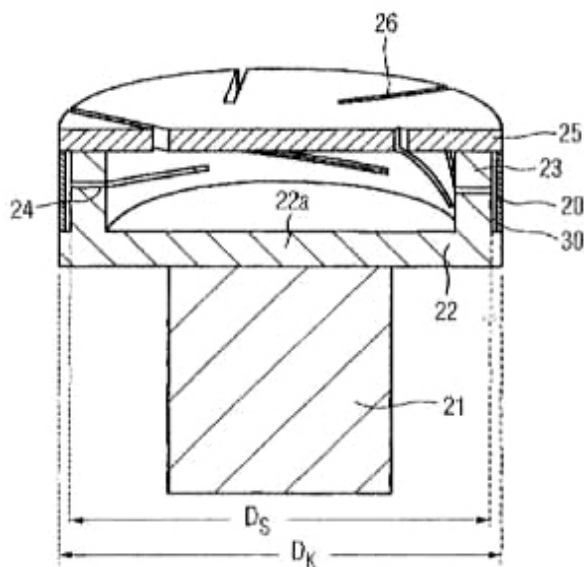
(54) Title of the invention : SWITCHING CONTACT COMPRISING ANNULAR SUPPORTING BODY FOR VACUUM INTERRUPTERS

(51) International classification :H01H33/66;  
H01H1/06  
(31) Priority Document No :102004031887.5  
(32) Priority Date :30/06/2004  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2005/052949  
Filing Date :23/06/2005  
(87) International Publication No :WO 2006/003114  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
Address of Applicant :WITTELSBACHERPLATZ 2,80333  
MUNCHEN Germany  
(72)**Name of Inventor :**  
**1)WILFRIED HASS**  
**2)WERNER HARTMANN**  
**3)MICHAEL ROMHELD**

## (57) Abstract :

The invention relates to a switching contact for vacuum interrupters, having a radial or axial magnetic field and comprising a switching contact carrier and a contact plate. Said switching contact carrier contains a coil for generating a magnetic field, said coil being formed by slitting the wall of a pot-like contact carrier. According to the invention, the outer diameter ( $D_S$ ) of the Milled wall (23) of the pot-like carrier is smaller than the diameter ( $D_K$ ) of the contact plate (25) located thereon. The inventive switching contact is also provided with an annular supporting body (20) which is inserted between the contact plate (25) and the base (22a) of the contact carrier (22) and surrounds the contact carrier (22) at least in the slit region. A vacuum gap (30) is provided between the outer supporting body (20) and the slit wall (23).





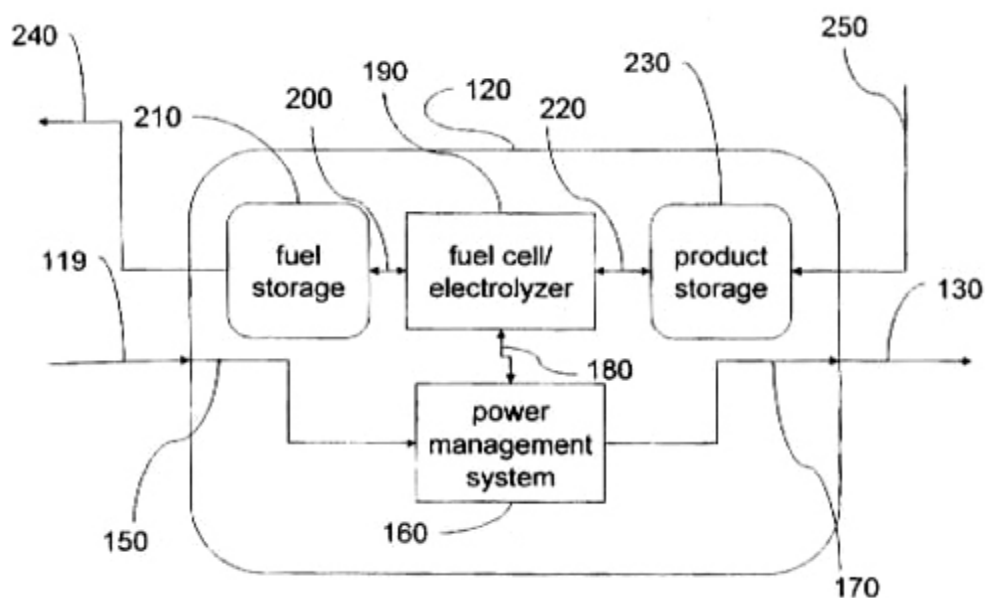
(54) Title of the invention : METHODS OF OPTIMIZING OPERATING EFFICIENCY OF FUEL CELLS

(51) International classification :H01M8/00  
 (31) Priority Document No :10/866,238  
 (32) Priority Date :14/06/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/0160671  
 Filing Date :31/03/2005  
 (87) International Publication No :WO 2006/001863  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71) **Name of Applicant :**  
**1)BLOOM ENERGY CORPORATION**  
 Address of Applicant :1252 ORLEANS  
 DRIVE,SUNNYVALE,CALIFORNIA 94089-1137, U.S.A.  
 (72) **Name of Inventor :**  
**1)MILITSKY,FRED**  
**2)SRIDHAR,K.,R.**  
**3)GOTTMANN,MATTHIAS**  
**4)VENKATARAMAN,SWAMINATHAN**

(57) Abstract :

A method of operating a fuel cell electrochemical system includes receiving at least one of a cost of electricity and a cost of fuel and adjusting at least one of an operating efficiency and throughput of the fuel cell based on the at least one of the received cost of electricity and the received cost of fuel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.177/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :15/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR MAKING PRECIPITATED SILICATE COMPOSITIONS AND PRODUCTS THEREOF

|                                               |                        |
|-----------------------------------------------|------------------------|
| (51) International classification             | :C09C1/36;<br>C08K3/00 |
| (31) Priority Document No                     | :10/898,502            |
| (32) Priority Date                            | :23/07/2004            |
| (33) Name of priority country                 | :U.S.A.                |
| (86) International Application No             | :PCT/US2005/023197     |
| Filing Date                                   | :28/06/2005            |
| (87) International Publication No             | :WO 2006/023087        |
| (61) 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.M.HUBER CORPORATION**

Address of Applicant :333 THORNALL STREET,EDISON,NJ 08837  
U.S.A.

(72)**Name of Inventor :**

**1)YUNG-HUI,HUANG**

(57) Abstract :

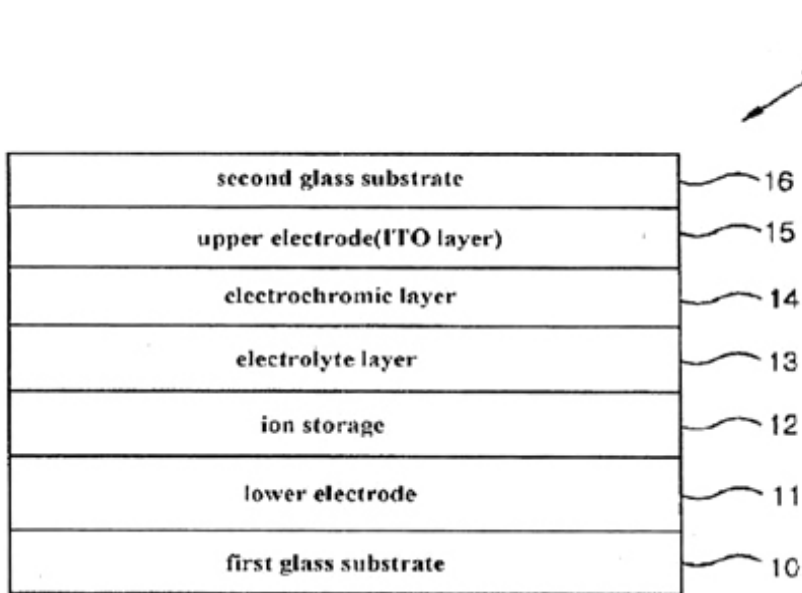
New methods of producing narrower particle size distribution precipitated silica and/or silicate materials are provided. Such a method permits a significant reduction in manufacturing costs through the utilization of more efficient drying/evaporation components, in essence, in one potentially preferred embodiment, production of such silica and/or silicate materials followed directly by a hydraulic chamber press filtering step combined with vacuum dewatering subsequently leading to the needed resultant particle comminution. The resultant precipitated silicas and/or silicates produced thereby exhibit greater density prior to comminution and thus greater propensity for more uniform milling than previously utilized and prevalent spray/flash drying apparatuses. Also encompassed within this invention are the resultant precipitated silica and/or silicate particles produced, including those that surprisingly exhibit extremely high transmittance properties, thereby potentially providing excellent narrow particle distribution silica materials for clear (transparent) end-uses.

(54) Title of the invention : "ELECTROCHROMIC MIRROR OR WINDOW DISPLAYING INFORMATION" .

|                                               |                    |                                                   |
|-----------------------------------------------|--------------------|---------------------------------------------------|
| (51) International classification             | :G02F1/01          | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :10-2004-0091813   | <b>1)LG CHEM,LTD.</b>                             |
| (32) Priority Date                            | :11/11/2004        | Address of Applicant :20,YODIO-DONG, YOUNGDUNGPO- |
| (33) Name of priority country                 | :Republic of Korea | GU,SEOUL,150-721 Republic of Korea                |
| (86) International Application No             | :PCT/KR2005/003700 | (72) <b>Name of Inventor :</b>                    |
| Filing Date                                   | :04/11/2005        | <b>1)PARK,KEE YONG</b>                            |
| (87) International Publication No             | :WO 2006/052067    |                                                   |
| (61) Patent of Addition to Application Number | :NA                |                                                   |
| Filing Date                                   | :NA                |                                                   |
| (62) Divisional to Application Number         | :NA                |                                                   |
| Filing Date                                   | :NA                |                                                   |

## (57) Abstract :

Disclosed is an electrochromic mirror or window. The electrochromic mirror or window includes a first substrate including a first electrode, a second substrate including a second electrode, an electrolyte filled in a gap formed between the first and second substrates and including ions related to an electrochromic reaction, and an electrochromic layer provided on the second electrode to change its color depending on an electric signal applied thereto. The electrochromic layer is patterned on the second electrode with a predetermined configuration to display information. The electrochromic mirror or window displays information, such as messages, pictures or time, by patterning the information in the electrochromic layer.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.179/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :15/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "FORGED ROLLER"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F16C33/30         |
| (31) Priority Document No                     | :10/890,339        |
| (32) Priority Date                            | :13/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/024637 |
| Filing Date                                   | :12/07/2005        |
| (87) International Publication No             | :WO 2006/017260    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)NATIONAL MACHINERY LLC**  
Address of Applicant :161, GREENFIELD STREET TIFFIN, OHIO  
44883-0747, U.S.A.  
(72)**Name of Inventor :**  
**1)KRINTZLINE, DONALD E.**  
**2)BORDNER, MARK W.**

(57) Abstract :

A machine method and tooling to precision cold-form roller blanks for anti-friction bearings. The machine is a multistage progressive former using floating die cavities to enable simultaneous shaping of the ends of the roller with high accuracy and without flash. The tools and staged forming create an improved roller with an advantageous grain pattern and devoid of structural defects previously attributable to the presence of sheared end face material in the radiused corners of the blank and flash at its mid-section.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.18/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "LITHIUM SECONDARY BATTERIES WITH ENHANCED SAFETY AND PERFORMANCE"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01M 4/58         |
| (31) Priority Document No                     | :10-2004-0064673   |
| (32) Priority Date                            | :17/08/2004        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2005/002666 |
| Filing Date                                   | :16/08/2005        |
| (87) International Publication No             | :WO 2006/019245    |
| (61) 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 CHEM, LTD.**  
Address of Applicant :20 YODIO-DONG, YOUNGDONGPO-GU,  
SEOUL, 150-721, Republic of Korea

(72)**Name of Inventor :**  
**1)YONG, HYUN HANG**  
**2)LEE, SANG, YOUNG**  
**3)KIM, SEOK KOO**  
**4)AHN, SOON HO**  
**5)SUK , JUNG DON**

(57) Abstract :

Disclosed is an electrode obtained from electrode slurry comprising: (a) an electrode active material capable of lithium intercalation / deintercalation; and (b) inorganic particles having lithium ion conductivity. An electrochemical device comprising the same electrode is also disclosed. The electrochemical device, using such inorganic particles having lithium ion conductivity added to electrode slurry, can show improved safety, while minimizing degradation in the quality caused by the use of additives.

(54) Title of the invention : "ORGANIC / INORGANIC COMPOSITE POROUS FILM AND ELECTROCHEMICAL DEVICE PREPARED THEREBY ".

(51) International classification :H01M2/14  
 (31) Priority Document No :10-2004-0070096  
 (32) Priority Date :02/09/2004  
 (33) Name of priority country :Republic of Korea  
 (86) International Application No :PCT/KR2005/002674  
 Filing Date :17/08/2005  
 (87) International Publication No :WO 2006/025662  
 (61) 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 CHEM,LTD.**

Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU,SEOUL,150-721 Republic of Korea

(72)Name of Inventor :

**1)YONG,HYUN HANG**

**2)LEE,SANG YOUNG**

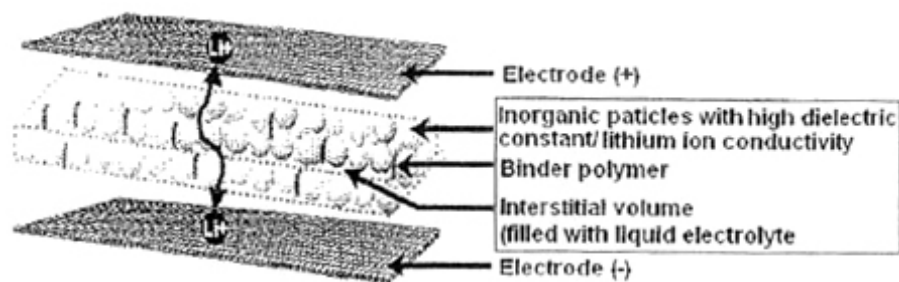
**3)KIM,SEOK KOO**

**4)AHN,SOON HO**

**5)SUK,JUNG DON**

(57) Abstract :

Disclosed is an organic/inorganic composite porous film comprising:(a) inorganic particles; and (b) a binder polymer coating layer formed partially or totally on surfaces of the inorganic particles, wherein the inorganic particles are interconnected among themselves and are fixed by the binder polymer, and interstitial volumes among the inorganic particles form a micropore structure. A method for manufacturing the same film and an electrochemical device including the same film are also disclosed. An electrochemical device comprising the organic/inorganic composite porous film shows improved safety and quality.



(54) Title of the invention : METHODS FOR PRODUCING BIODIESEL

(51) International classification :C07C67/00;  
C11C3/00  
(31) Priority Document No :10/867,627  
(32) Priority Date :15/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/021173  
Filing Date :15/06/2005  
(87) International Publication No :WO 2006/002087  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

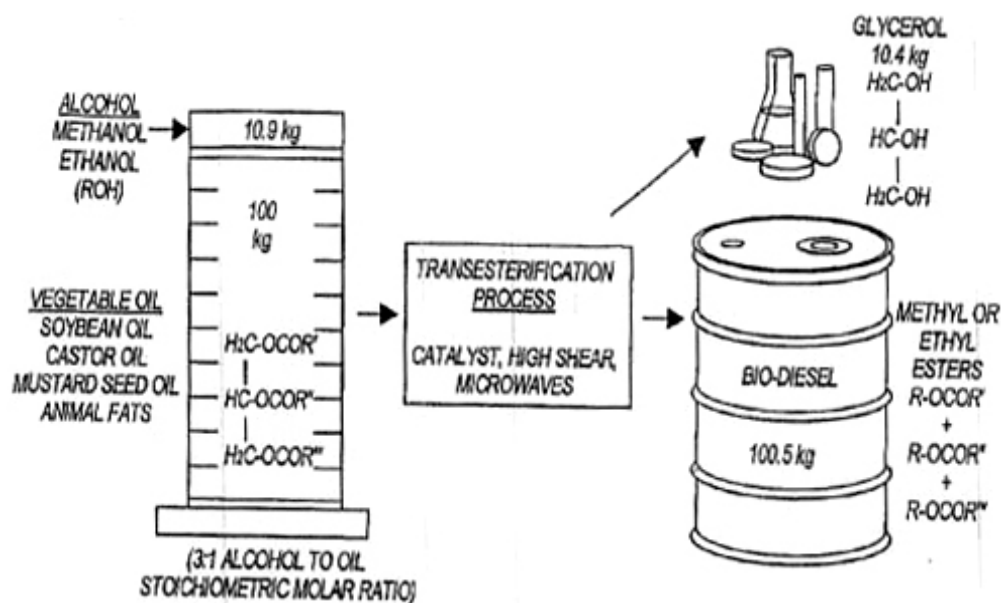
**1)CARNEGIE MELLON UNIVERSITY**Address of Applicant :5000 FORBES AVENUE,PITTSBURG,PA  
15213 U.S.A.

(72)Name of Inventor :

**1)PORTNOFF,MARC,A****2)PURTA,DAVID, A.****3)NASTA,MARGARET,A.****4)ZHANG,JINGFENG****5)POURARIAN,FAIZ**

(57) Abstract :

Transesterification, esterification, and esterification-transesterification (both one step and two-step) for producing biofuels. The process may be enhanced by one or more of the following: 1) applying microwave or RF energy; 2) passing reactants over a heterogeneous catalyst at sufficiently high velocity to achieve high shear conditions; 3) emulsifying reactants with a homogeneous catalyst; or 4) maintaining the reaction at a pressure at or above autogenous pressure. Enhanced processes using one or more of these steps can result in higher process rates, higher conversion levels, or both.

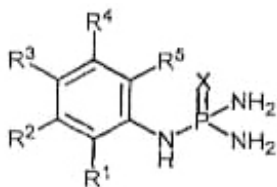


(54) Title of the invention : "N-PHENYLPHOSPHORIC ACID TRIAMIDES, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE AS AGENTS FOR REGULATING OR INHIBITING ENZYMATIC UREA HYDROLYSIS"

|                                               |                                       |                                                                                                                                                                    |
|-----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07F9/22;<br>A61K31/664;<br>A61P1/04 | (71)Name of Applicant :<br><b>1)SKW STICKSTOFFWERKE PIESTERITZ GMBH</b><br>Address of Applicant :MOLLENDORFER STRASSE 13, 06886<br>LUTHERSTADT WITTENBERG, Germany |
| (31) Priority Document No                     | :102004035742.0                       | (72)Name of Inventor :                                                                                                                                             |
| (32) Priority Date                            | :23/07/2004                           | <b>1)HUCKE ANDRE</b>                                                                                                                                               |
| (33) Name of priority country                 | :Germany                              | <b>2)NICLAS HANS-JOACHIM</b>                                                                                                                                       |
| (86) International Application No             | :PCT/EP2005/001157                    | <b>3)WOZNIAK HARTMUT</b>                                                                                                                                           |
| Filing Date                                   | :04/02/2005                           | <b>4)MICHEL HANS-JURGEN</b>                                                                                                                                        |
| (87) International Publication No             | :WO 2006/010389                       | <b>5)SCHUSTER CAROLA</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 N-phenylphosphoric acid triamides of general formula (I), to a method for the production thereof and to their use as agents for regulating or inhibiting enzymatic urea hydrolysis. In formula (I), X represents oxygen or sulfur; R<sub>1</sub> , R<sub>2</sub> , R<sub>3</sub> , R<sub>4</sub> , R<sub>5</sub> , independent of one another, represent hydrogen C1-C8 alkyl/heteroalkyl, C2-C8 alkenyl/heteroalkenyl, C2-C8-alkynyl/heteroalkynyl, C3-C8 cycloalkyl/heterocycloalkyl, C3-C8cycloalkenyl/heterocycloalkenyl, C6-C10 aryl/C5-C10 heteroaryl, aralkyl, heteroarylalkyl, alkaryl, alkheteroaryl, alkoxy, aryloxy, hetaryloxy, alkylthio, arylthio, hetarylthio, acyl, aroyl, hetaroyl, acyloxy, aroyloxy, hetaroyloxy, alkoxycarbonyl, aryloxycarbonyl, hetaryloxycarbonyl, alkylsulfonyl, fluorine, chlorine, bromine, iodine, cyano, nitro, sulfo, carbonyl, carboxy, carbamoyl, sulfamoyl, with the provision that: at least one radical R is not hydrogen; in the event R<sub>1</sub> , R<sub>2</sub> , R<sub>4</sub> , R<sub>5</sub> represent H, R<sub>3</sub> is not nitro or cyano, and; in the event R<sub>1</sub> represents C1 or R1 and R<sub>3</sub> represent C1, at least one of the remaining radicals is not hydrogen.





(54) Title of the invention : "MICROFLUIDIC DEVICES FOR FLUID MANIPULATION AND ANALYSIS"

(51) International classification :B01J3/00;  
F04B19/00;  
F04B43/04

(31) Priority Document No :10/870,717

(32) Priority Date :17/06/2004

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

(86) International Application No :PCT/US2005/021092

Filing Date :15/06/2005

(87) International Publication No :WO 2006/009724

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

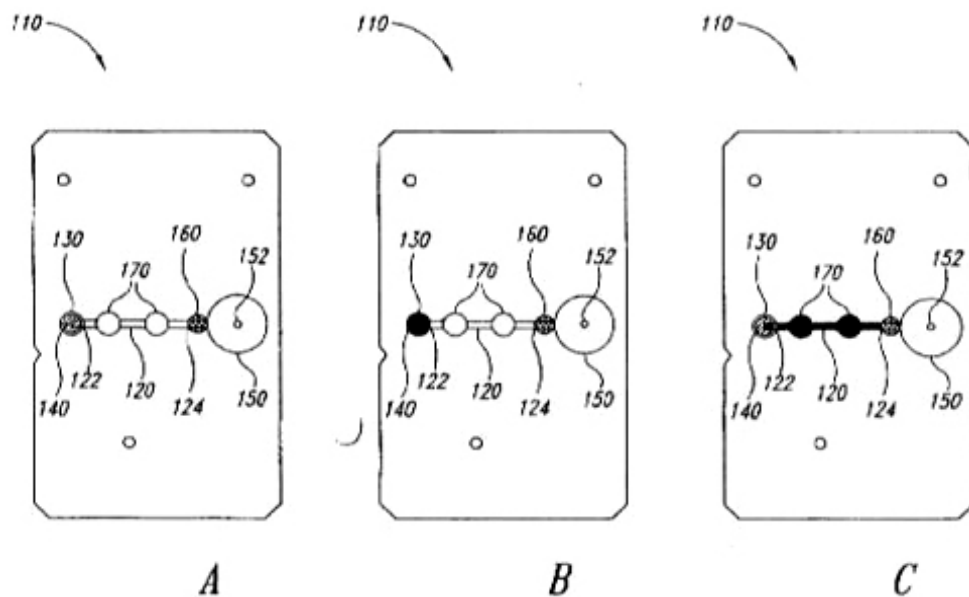
**1)MICRONICS, INC.**Address of Applicant :8463 154TH AVENUE NORTHEAST,  
REDMOND, WASHINGTON 98052 U.S.A.

(72)Name of Inventor :

**1)SALTSMAN PATRICK****2)SHEN MINGCHAO****3)HOUKAL JEFFERY M****4)LANCASTER CHRISTY A****5)BATTRELL C FREDERICK****6)WEIGI BERNHARD H**

(57) Abstract :

The present invention relates to microfluidic devices and methods for manipulating and analyzing fluid samples. The disclosed microfluidic devices utilize a plurality of microfluidic channels, inlets, valves, filter, pumps, liquid barriers and other elements arranged in various configurations to manipulate the flow of a fluid sample in order to prepare such sample for analysis.



(54) Title of the invention : "METHOD AND APPARATUS FOR FORMING A DILUTION BY FLUID DISPERSION"

(51) International classification :G01N35/10;  
B01L3/02; G01N1/38  
(31) Priority Document No :60/589,827  
(32) Priority Date :22/07/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/025945  
Filing Date :21/07/2005  
(87) International Publication No :WO 2006/012454  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

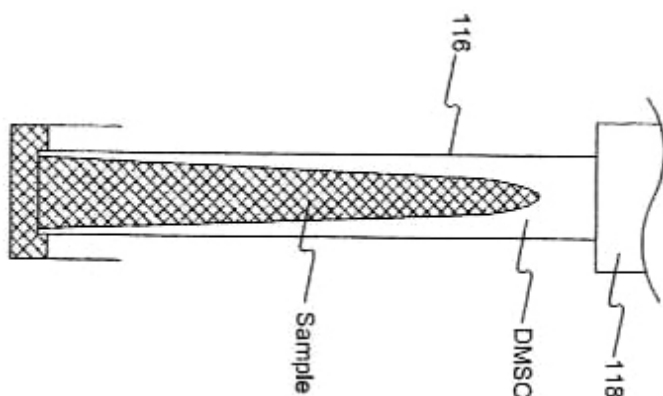
**1)AMGEN INC.**Address of Applicant :ONE AMGEN CENTER DRIVE, MAIL STOP,  
28-2-C, THOUSAND OAKS, CA 91320 U.S.A.

(72)Name of Inventor :

**1)SCHULZ, CRAIG, MICHAEL****2)WALLING, LESLIE, ALFRED****3)JOHNSON, MICHAEL, ANTHONY**

(57) Abstract :

According to one aspect of the invention, a method of creating a dilution series is provided. The method may include providing a first vessel including a sample, and aspirating at least a portion of the sample from the first vessel into a first conduit primed with solvent such that the sample disperses in the solvent. At least a portion of the dispersed sample is dispensed into a second vessel while, substantially simultaneously, a solvent is dispensed into the second vessel from a second conduit. Alternatively, the second vessel may already contain the solvent and the first conduit may dispense the dispersed sample into the second vessel containing the solvent. According to one aspect of the invention, a system for creating a dilution series is provided. The system may include a first conduit configured to aspirate and dispense a sample to be diluted and a second conduit configured to dispense a solvent. First and second pressure sources may be provided to move fluid through the respective first and second conduits. The system may also include a controller configured to instruct the first and second pressure sources to dispense an aspirated sample and solvent at substantially the same time.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.185/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :16/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : SULFAMATE AND SULFAMIDE DERIVATIVES FOR THE TREATMENT OF EPILEPSY AND RELATED DISORDERS

|                                               |                                           |                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D321/08;<br>A61K31/353;<br>A61K31/357 | (71) <b>Name of Applicant :</b><br><b>1)JANSSEN PHARMACEUTICA N.V.</b><br>Address of Applicant :TURNHOUTSWEG 30, B-2340,BEERSE<br>Belgium |
| (31) Priority Document No                     | :60/580,178                               | (72) <b>Name of Inventor :</b>                                                                                                            |
| (32) Priority Date                            | :16/06/2004                               | <b>1)DAVID F.McCOMSEY</b>                                                                                                                 |
| (33) Name of priority country                 | :U.S.A.                                   | <b>2)MICHAEL N. PARKER</b>                                                                                                                |
| (86) International Application No             | :PCT/US2005/021513                        | <b>3)ALLEN B.REITZ</b>                                                                                                                    |
| Filing Date                                   | :16/06/2005                               | <b>4)BRUCE E. MARYANOFF</b>                                                                                                               |
| (87) International Publication No             | :WO 2006/007435                           |                                                                                                                                           |
| (61) Patent of Addition to Application Number | :NA                                       |                                                                                                                                           |
| Filing Date                                   | :NA                                       |                                                                                                                                           |
| (62) Divisional to Application Number         | :NA                                       |                                                                                                                                           |
| Filing Date                                   | :NA                                       |                                                                                                                                           |

(57) Abstract :

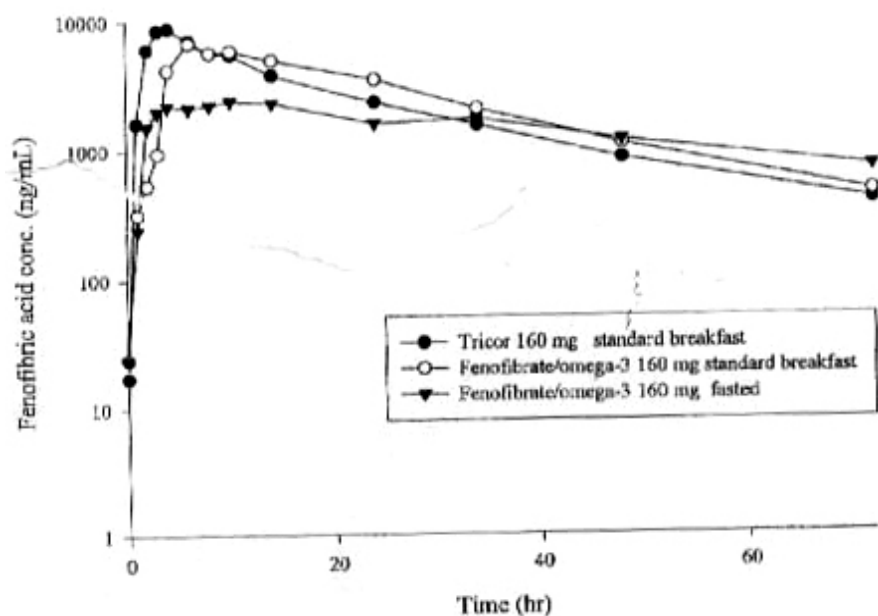
The present invention is directed to novel sulfamide and sulfamate derivatives, pharmaceutical compositions containing them and their use in the treatment of epilepsy and related disorders.

(54) Title of the invention : NOVEL FENOFIBRATE FORMULATIONS AND RELATED METHODS OF TREATMENT

|                                               |                          |                                                                   |
|-----------------------------------------------|--------------------------|-------------------------------------------------------------------|
| (51) International classification             | :A61K31/185;<br>A61K9/00 | (71)Name of Applicant :<br><b>1)TRANSFORM PHARMACEUTICALS,INC</b> |
| (31) Priority Document No                     | :60/599,320              | Address of Applicant :29 HARTWELL AVENUE,LEXINGTON, MA            |
| (32) Priority Date                            | :06/08/2004              | 02421 U.S.A.                                                      |
| (33) Name of priority country                 | :U.S.A.                  | (72)Name of Inventor :                                            |
| (86) International Application No             | :PCT/US2005/027806       | <b>1)AL MARSSON, ORN</b>                                          |
| Filing Date                                   | :04/08/2005              | <b>2)RATANABANANGKOON,PASUT</b>                                   |
| (87) International Publication No             | :WO 2006/017692          | <b>3)REMENAR,JULIUS</b>                                           |
| (61) Patent of Addition to Application Number | :NA                      | <b>4)GUZIMAN,HECTOR</b>                                           |
| Filing Date                                   | :NA                      |                                                                   |
| (62) Divisional to Application Number         | :NA                      |                                                                   |
| Filing Date                                   | :NA                      |                                                                   |

(57) Abstract :

The invention provides novel omega-3 ester-based oil solutions of fenofibrate. These solutions are substantially free of any food effect, effective in small volumes, and readily bioavailable. Notably, because the solutions of the invention contain an omega-3 ester-based oil as the major ingredient, they not only provide an antihyperlipidemic effect due to the fenofibrate active ingredient, they also provide recommended daily dosages of omega-3 oils (i.e. approximately 1 gram of omega-3 oil per day), or a portion thereof.

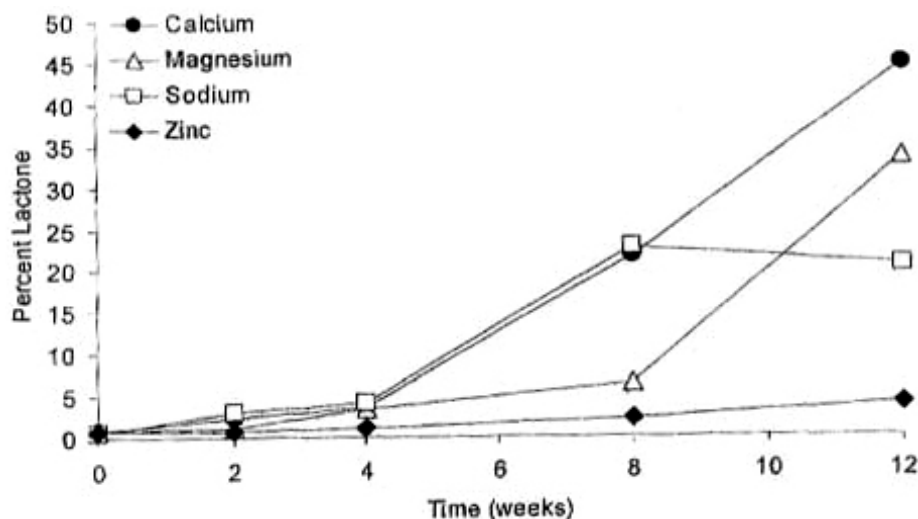


(54) Title of the invention : NOVEL STATIN PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS OF TREATMENT

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :A61K38/43         | (71)Name of Applicant :                               |
| (31) Priority Document No                     | :60/599,543        | <b>1)TRANSFORM PHARMACEUTICALS,INC</b>                |
| (32) Priority Date                            | :06/08/2004        | Address of Applicant :29 HARTWELL AVENUE,LEXINGTON MA |
| (33) Name of priority country                 | :U.S.A.            | 02421 U.S.A.                                          |
| (86) International Application No             | :PCT/US2005/027815 | (72)Name of Inventor :                                |
| Filing Date                                   | :05/08/2005        | <b>1)GUZMAN,HECTOR</b>                                |
| (87) International Publication No             | :WO 2006/017698    | <b>2)ALMARSSON,ORN</b>                                |
| (61) Patent of Addition to Application Number | :NA                | <b>3)REMENAR,JULIUS</b>                               |
| Filing Date                                   | :NA                |                                                       |
| (62) Divisional to Application Number         | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |

(57) Abstract :

The invention provides novel omega-3 oil solutions of one or more statins. These solutions are readily bioavailable. Notably, because the solutions of the invention contain an omega-3 oil as the major ingredient, they not only provide an antihypercholesterolemic effect due to the station active ingredient, they also provide recommended daily dosages of omega-3 oils (i.e. approximately 1 gram of omega-3 oil per day), or a portion thereof. The invention also provides novel salts of one or more statins.



(54) Title of the invention : HYBRID FIBER / COPPER CONNECTOR SYSTEM AND METHOD

(51) International classification :G02B6/38  
 (31) Priority Document No :10/938,136  
 (32) Priority Date :10/09/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/032326  
       Filing Date :09/09/2005  
 (87) International Publication No :WO 2006/039084  
 (61) Patent of Addition to Application Number :NA  
       Filing Date :NA  
 (62) Divisional to Application Number :NA  
       Filing Date :NA

(71)Name of Applicant :

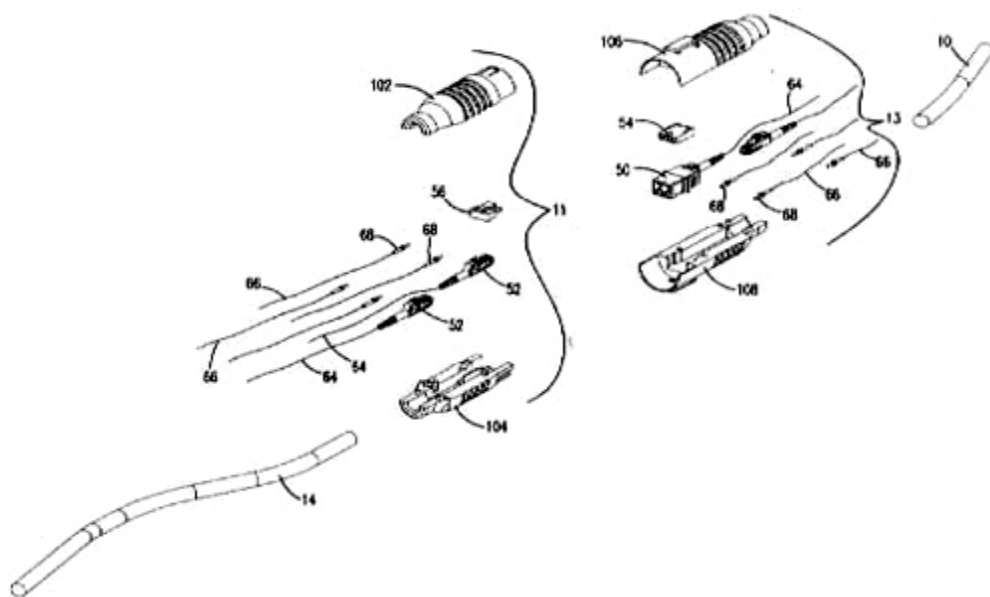
**1)ADC TELECOMMUNICATIONS,INC**Address of Applicant :13625 TECHNOLOGY DRIVE EDEN PRAIRIE  
MINNESOTA 55344-2252 U.S.A.

(72)Name of Inventor :

**1)KHEMAKHEM,M'HAMED ANIS****2)ROSENTHAL,DEAN MICHAEL****3)SAND,DUANE R.****4)PETERS,JEFFREY LOUIS****5)MCKNIGHT,JOY K****6)HEGGESTAD,ROSS****7)NAULT,PATRICK JUDE****8)AHMED,FOAD ABDULKADIR MOHAMED**

(57) Abstract :

A junction box and hybrid fiber optic cable connector which permit repair of damaged fibers or copper conductors carried by a hybrid fiber/copper cable without requiring replacement of the entire cable assembly or retermination of the cable. A method of repairing a hybrid fiber/copper cable and connector.



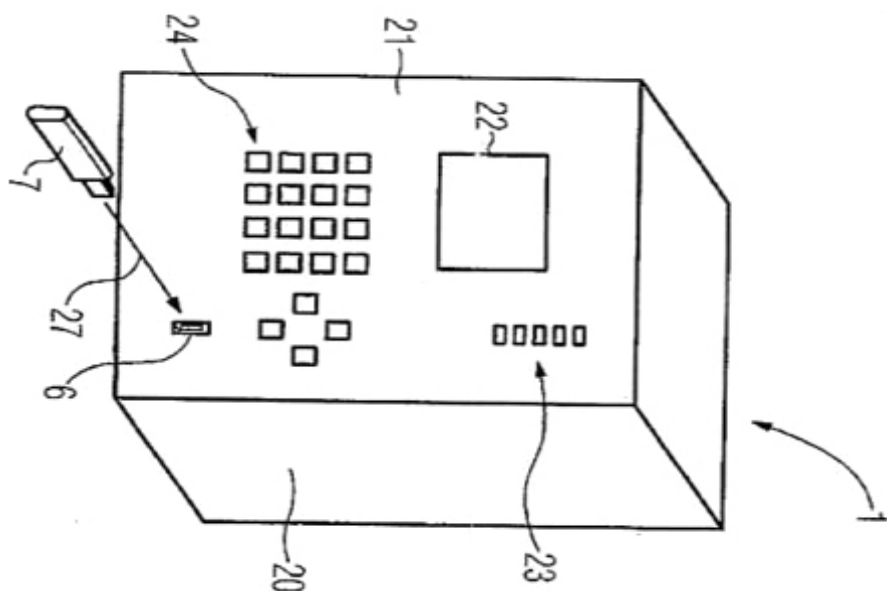
(54) Title of the invention : ELECTRICAL FIELD DEVICE AND METHOD FOR DATA TRANSMISSION BETWEEN THE FILED DEVICE AND AN EXTERNAL PASSIVE DATA STORAGE MODULE

(51) International classification :G01R29/08  
 (31) Priority Document No :102004036362.5  
 (32) Priority Date :22/07/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/053436  
 Filing Date :18/07/2005  
 (87) International Publication No :WO 2006/008284  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)SIEMENS AKTIENGESELLSCHAFT**  
 Address of Applicant :WITTELSBACHERPLATZ 2,80333  
 MUNCHEN Germany  
 (72)Name of Inventor :  
**1)MARTIN BERNDSEN**  
**2)PETER DOSCH**  
**3)RAINER GOBLIRSH**

(57) Abstract :

The invention relates to an electrical field device (1) which comprises a microprocessor-controlled control device (1), a local-mode data memory associated with the control device (2) and a data interface (6) connected to the control device (2). The aim of the invention is to provide an electrical field device of the aforementioned kind, which allows exchange of external data with the field device in a simple manner. For this purpose, the data interface (6) is adapted to receive an external passive data memory module (7). The invention also relates to a method for transmitting data between the field device and an external passive data memory module.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.19/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : SOLID FORMS OF THE MAGNESIUM SALT OF (S)-OMEPRAZOLE AND PROCESSES FOR THEIR PREPARATION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 401/12       |
| (31) Priority Document No                     | :P200401729        |
| (32) Priority Date                            | :02/07/2004        |
| (33) Name of priority country                 | :Spain             |
| (86) International Application No             | :PCT/EP2005/053062 |
| Filing Date                                   | :29/06/2005        |
| (87) International Publication No             | :WO 2006/003163    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)ESTEVE QUÀMICA, S.A.**

Address of Applicant :AV. MARE DE DÀU DE MONTSERRAT, 12  
08024 BARCELONA. Spain

(72)Name of Inventor :

**1)BERENGUER MAIMÀ“, RAMÀ“N**

**2)COPPI, LAURA**

**3)GASANZ GULLIÀ“N, YOLANDA**

**4)MEDRANO RUPÀ“REZ, JORGE**

(57) Abstract :

New solid forms of the active ingredient magnesium salt of S-omeprazole, obtainable by a preparation process that comprises: a) crystallizing a magnesium salt of S-omeprazole from a solution of a magnesium salt of S- omeprazole in a solvent system that comprises a mixture of methanol/water with an amount of water equal to or greater than 0,01 ml/g of-the magnesium salt of S-omeprazole starting material; b)isolating the magnesium salt of S-omeprazole that appears in the prior step; c) separating the free organic solvent from the magnesium salt of S-omeprazole obtained or, alternatively, separating both the free solvent and the solvation solvent. The new solid forms are obtained by a reproducible and robust process, with high yield and elevated optical purity, which is useful for the preparation of pharmaceutical products that contain said active ingredient.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.190/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :16/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "COSMETIC USE OF POLYSACCHARIDE COMPOUNDS CONTAINING NON-POLYMER SILOXANE GRAFT(S)"

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| (51) International classification             | :A61K8/72;<br>A61Q5/02;<br>A61Q5/10 |
| (31) Priority Document No                     | :0408995                            |
| (32) Priority Date                            | :19/08/2004                         |
| (33) Name of priority country                 | :France                             |
| (86) International Application No             | :PCT/EP2005/009986                  |
| Filing Date                                   | :18/08/2005                         |
| (87) International Publication No             | :WO 2006/018323                     |
| (61) Patent of Addition to Application Number | :NA                                 |
| Filing Date                                   | :NA                                 |
| (62) Divisional to Application Number         | :NA                                 |
| Filing Date                                   | :NA                                 |

(71)**Name of Applicant :**

**1)L'OREAL**

Address of Applicant :14,RUE ROYALE,F-75008 PARIS France

(72)**Name of Inventor :**

**1)PHILIPPE MICHEL**

(57) Abstract :

The invention relates to the cosmetic use of polysaccharide compounds containing non-polymer siloxane graft(s) that may be obtained by reacting a polysaccharide and a siloxane compound corresponding to formula (I), especially for the cosmetic treatment of keratin materials. The invention also relates to compositions comprising the said polysaccharide compounds in a cosmetically acceptable medium, and also to certain novel polysaccharide compounds containing non-polymer siloxane graft(s).

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

(51) International classification :C07D471/04  
 (31) Priority Document No :P0401379  
 (32) Priority Date :08/07/2004  
 (33) Name of priority country :Hungary  
 (86) International Application No :PCT/HU2005/000072  
 Filing Date :06/07/2005  
 (87) International Publication No :WO 2006/005974  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

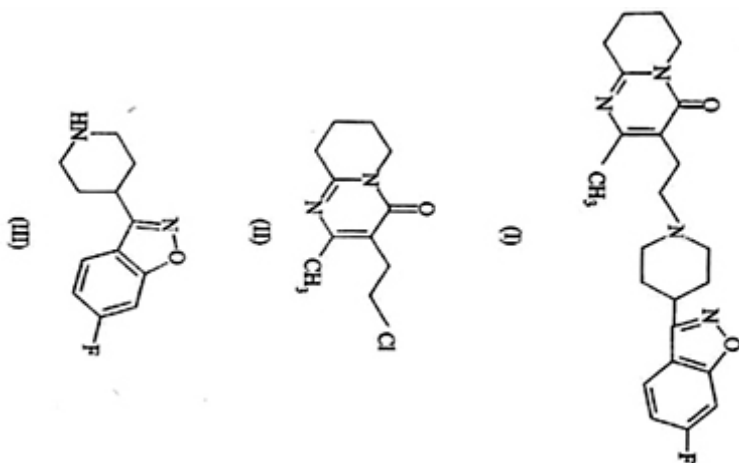
**1)RICHTER GEDEON VEGYESZETI GYAR RT.**Address of Applicant :H-1103,BUDAPEST,GYOMROI UT 19-21  
Hungary

## (72)Name of Inventor :

**1)CZIBULSA, LASZLO****2)TURCSANYI,PETER****3)FEHER, KRISZTINA****4)SEBOK, FERENE****5)SZABO,GYORGY****6)WERKNE,PAPP,EVA****7)YAMADA,KATSUYUKI****8)ITO,KAZUNORI****9)SHINOTSUKA,MICHIAKI****10)HIBINO,EIKO****11)SHINKAI,MASARU****12)SEKIGUCHI,HIROYOSHI**

## (57) Abstract :

The invention relates to a process for the preparation of risperidone (chemical name: 3-[2-[4-(6-fluoro-1,2-benzisoxazole-3-yl)-1 piperidmyl]ethyl-2-methyl-6,7,8,9-ter- ahydro-4H-pyrido[1,2-a]pyrimidine-4-one) of the formula(I) by reacting 3-(2-chloroethyl)-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]pyrimidine-4-one of the formula (II)and 6-fluoro-3-(4-piperdiny)-1,2-benzisoxazole of the formula (III) in which the reaction is carried out in dry methanol solvent under pressure, at a temperature between 65 and 90°C, the product is recovered by using a methanol/water mixture of specified ratio and if desired is recrystallized from an alcohol.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.192/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :16/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "OPTICAL DISK, RECORDING METHOD, RECORDING MEDIUM AND OPTICAL DISK UNIT".

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G11B 20/12        |
| (31) Priority Document No                     | :2005-153872       |
| (32) Priority Date                            | :26/05/2005        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2006/310940 |
| Filing Date                                   | :25/05/2006        |
| (87) International Publication No             | :WO 2006/095932    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)RICOH COMPANY, LTD.**

Address of Applicant :3-6,NAKAMAGOME, 1-CHOME,OHTA-KU,  
TOKYO,143-8555 Japan

(72)Name of Inventor :

**1)KATO,MASAKI**

**2)YAMADA, KATSUYUKI**

**3)ITO, KAZUNORI**

**4)SHINOTSUKA, MICHIAKI**

**5)HIBINO, EIKO**

**6)SHINKAI, MASARU**

**7)SEKIGUCHI, HIROYOSHI**

(57) Abstract :

A method of recording information using a laser on a multilayer optical disk having a plurality of recording layers is provided. The plurality of recording layers include a first recording layer and a second recording layer adjacent the first recording layer. The first recording layer is provided with a first test writing area to be used for calibration of write power, and the second recording layer is provided with a second test writing area to be used for calibration of write power. The disk is arranged so that a first region of the first test writing area is superposed with a second region of the second test writing area when considered in the direction in which the laser is arranged to irradiate. The method comprises, if the second region of the second test writing area is unrecorded, recording data in the second region of the second test writing area, thereby converting the second region of the second test writing area into a recorded state; and once the second region of the second test writing area has been converted into a recorded state, performing test writing in the first region of the first test writing area.

(54) Title of the invention : "PHASE-CHANGE TYPE OPTICAL RECORDING MEDIUM AND REPRODUCTION METHOD AND APPARATUS OF SUCH A RECORDING MEDIUM"

(51) International classification :G11B7/007  
 (31) Priority Document No :2005-166268  
 (32) Priority Date :06/06/2005  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2006/310516  
 Filing Date :19/05/2006  
 (87) International Publication No :WO 2006/132096  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)RICOH COMPANY, LTD.**

Address of Applicant :3-6,NAKAMAGOME 1-CHOME,OHTA-KU  
 TOKYO,143-8555 Japan

(72)Name of Inventor :

**1)SHINOTSUKA,, MICHIAKI**

**2)SHINKAI, MASARU**

**3)SEKIGUCHI,HIROYOSHI**

**4)HIBINO,EIKO**

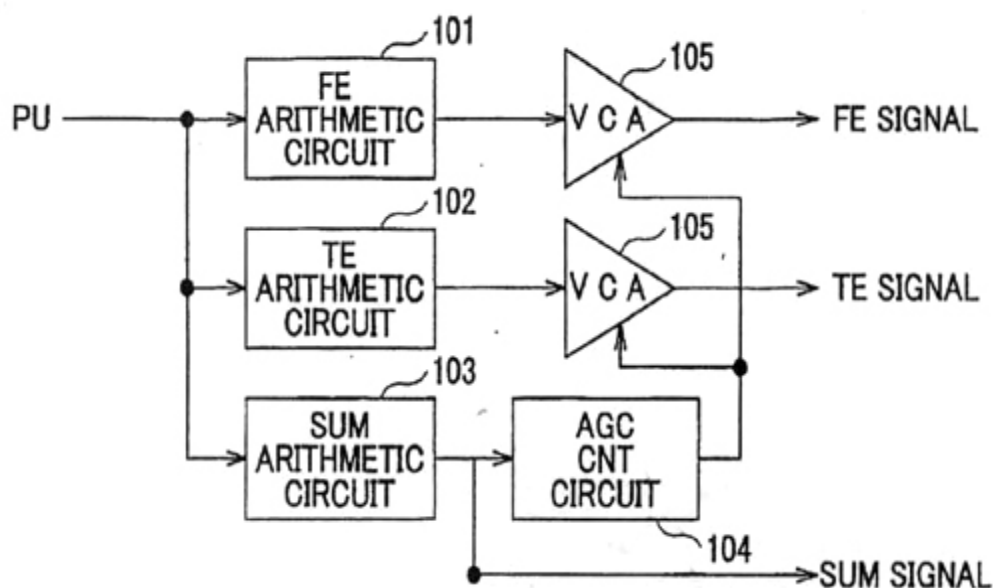
**5)KATO,MASAKI**

**6)YAMADA,KATSUYUKI**

**7)NAKAYAMA, MASAHIKO**

(57) Abstract :

A dual-layer structure phase-change type optical recording medium includes a substrate (1), a reflective layer (2), a first protective layer (3), a first recording layer (4), a second protective layer (5), a resin intermediate layer (6), a third protective layer (7), a heat release layer (8) made of Cu or a Cu alloy, a fourth protective layer (9), a second recording layer (10), a fifth protective layer (11) and a cover substrate (12). A product of a reflectance of a high-reflection part and a modulation after recording is a value equal to or higher than a lower limit value for reproduction.



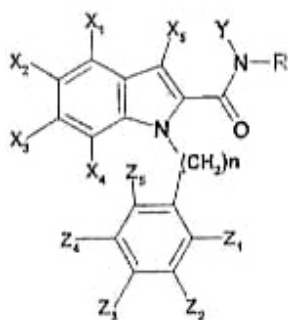
(54) Title of the invention : "N-(1H-INDOLYL)-1H-INDOLE-2-CARBOXAMIDE DERIVATIVES, THEIR PREPARATION AND THEIR THERAPEUTIC USE".

|                                               |                    |                                                             |
|-----------------------------------------------|--------------------|-------------------------------------------------------------|
| (51) International classification             | :C07D209/42        | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :04/08,652         | <b>1)SANOFL-AVENTIS</b>                                     |
| (32) Priority Date                            | :05/08/2004        | Address of Applicant :174, AVENUE DE FRANCE, PARIS, F-75013 |
| (33) Name of priority country                 | :France            | France                                                      |
| (86) International Application No             | :PCT/FR2005/002014 | (72) <b>Name of Inventor :</b>                              |
| Filing Date                                   | :02/08/2005        | <b>1)DUBOIS, LAURENT</b>                                    |
| (87) International Publication No             | :WO 2006/024776    | <b>2)EVANNO, YANNICK</b>                                    |
| (61) Patent of Addition to Application Number | :NA                | <b>3)EVEN, LUC</b>                                          |
| Filing Date                                   | :NA                |                                                             |
| (62) Divisional to Application Number         | :NA                |                                                             |
| Filing Date                                   | :NA                |                                                             |

---

(57) Abstract :

The invention relates to compounds of general formula (I) : in which X1, X2, X3, X4, Z1, Z2, Z3, Z4 and Z5 represent, independently of one another, a hydrogen or halogen atom or a C1-C6 alkyl, C3-C7 cycloalkyl, C1-C6 fluoroalkyl, C1-C6 alkoxy, C1-C6 fluoroalkoxy, cyano, C(O)NR1R2, nitro, NR1R2, C1-C6 thioalkyl, -S(O)-(C1-C6) alkyl, -S(O)2-(C1-C6) alkyl, SO2NR1R2, NR3COR4, NR3SO2R5 or aryl group; X5 represents a hydrogen or halogen atom or a C1-C6 alkyl or C1-C6 fluoroalkyl group; R represents an optionally substituted 4-, 5-, 6- or 7-indolyl group; Y represents a hydrogen atom or a C1-C6 alkyl group; n is equal to 0, 1, 2 or 3; R1 and R2 represent, independently of one another, a hydrogen atom or a C1-C6 alkyl, C3-C7 cycloalkyl, (C3-C7) cycloalkyl (C1-C3)alkyl or aryl group; or R1 and R2 form, together with the nitrogen atom which carries them, an azetidine, pyrrolidine, piperidine, azepine, morpholine, thiomorpholine, piperazine or homopiperazine group, this group optionally being substituted by a C1-C6 alkyl, C3-C7 cycloalkyl, (C3-C7) cycloalkyl (C1-C3) alkyl or aryl group; R3 and R4 represent, independently of one another, a hydrogen atom or a C1-C6 alkyl or aryl group; R5 represents a C1-C6 alkyl or aryl group; in the form of the base or of an addition salt with an acid, and in the hydrate or solvate form. Preparation process and application in therapeutics.



(54) Title of the invention : "METHOD OF DEVELOPING AND PRODUCING DEEP GEOTHERMAL RESERVOIRS"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :E21B 36/00        |
| (31) Priority Document No                     | :60/582,626        |
| (32) Priority Date                            | :23/06/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/022305 |
| Filing Date                                   | :23/06/2005        |
| (87) International Publication No             | :WO 2006/002325    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

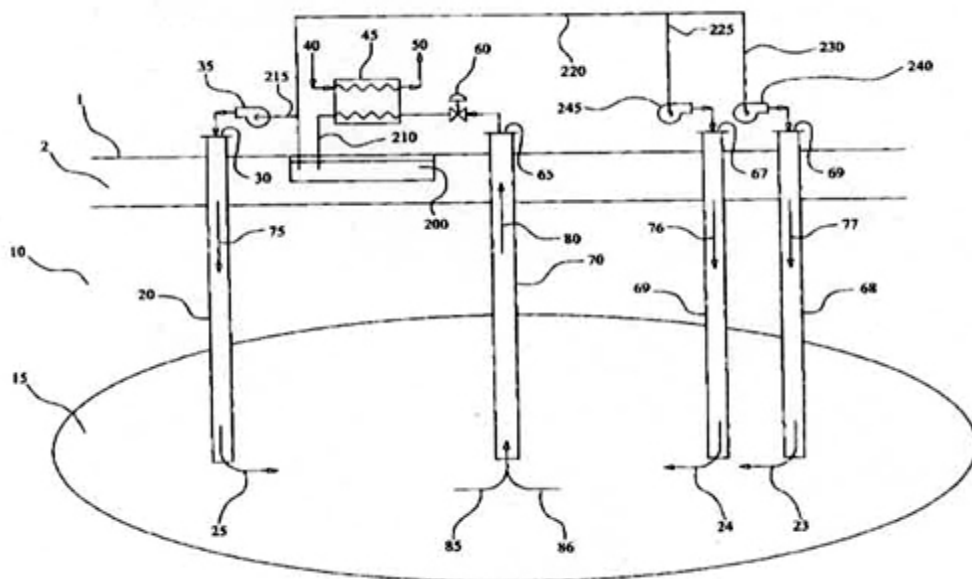
(71) **Name of Applicant :**  
**1) CURLETT, HARRY, B.**  
 Address of Applicant : 4239 PAT O'HARA MOUNTAIN DRIVE  
 CODY, WY 82414-9255 U.S.A.

(72) **Name of Inventor :**  
**1) CURLETT, HARRY, B.**

---

(57) Abstract :

The present invention relates to a method and system for extracting and/or utilizing thermal energy from rock formations.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.196/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :16/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHODS OF OLIGOSACCHARIDE PROFILING FOR THE DETECTION OF CANCER

|                                               |                    |                                                      |
|-----------------------------------------------|--------------------|------------------------------------------------------|
| (51) International classification             | :C12Q1/34          | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :60/582,250        | <b>1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA</b> |
| (32) Priority Date                            | :22/06/2004        | Address of Applicant :OFFICE OF TECHNOLOGY           |
| (33) Name of priority country                 | :U.S.A.            | TRANSFER,UNIVERSITY OF CALIFORNIA,1111 FRANKLIN      |
| (86) International Application No             | :PCT/US2005/022079 | STREET,12TH FLOOR,OAKLAND CA 94607 U.S.A.            |
| Filing Date                                   | :21/06/2005        | (72) <b>Name of Inventor :</b>                       |
| (87) International Publication No             | :WO 2006/002243    | <b>1)LEBRILLA, CARLITO B.</b>                        |
| (61) Patent of Addition to Application Number | :NA                | <b>2)AN,HYUN,JOO</b>                                 |
| Filing Date                                   | :NA                | <b>3)LAM,KIT,S</b>                                   |
| (62) Divisional to Application Number         | :NA                | <b>4)MIYAMOTO,SUZANNE</b>                            |
| Filing Date                                   | :NA                |                                                      |

(57) Abstract :

The present invention provides methods for identifying oligosaccharides specific to cancer and methods for determining a strain of cancer in an individual. The present invention also provides methods for diagnosing cancer or a stage of cancer in an individual by detecting the presence or absence of specific cancer markers and methods for treating cancer by administering antibodies directed to such markers. In addition, the present invention provides cancer markers comprising O-linked oligosaccharides and kits for diagnosing or treating cancer.

(54) Title of the invention : "THERAPEUTIC OR PREVENTIVE DRUG FOR DIABETES, OBESITY , OR ARTERIOSCLEROSIS"

(51) International classification :A61P 3/04  
 (31) Priority Document No :2004-210492  
 (32) Priority Date :16/07/2004  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2005/012448  
 Filing Date :06/07/2005  
 (87) International Publication No :WO 2006/008962  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

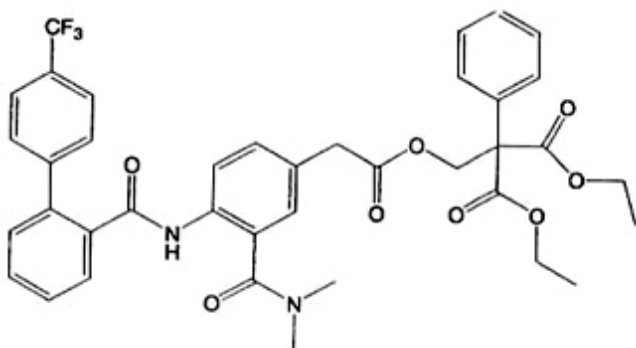
**1)JAPAN TOBACCO,INC.**Address of Applicant :2-1,TORANOMON 2-CHOME,MINATO-KU  
TOKYO 105-8422 Japan

## (72)Name of Inventor :

**1)FURUKAWA NOBORU****2)MERA YASUKO****3)KAWAI TAKASHI****4)MATSUSHITA MUTSUYOSHI****5)OGAWA NAOTO****6)SUMIDA YUKAKO****7)OKUMA CHIHIRO****8)HATA TAKAHIRO**

## (57) Abstract :

Because the compound of the invention represented by the formula (1): or its pharmaceutically acceptable salt has excellent antidiabetic effect, anti-obesity effect and anti-arteriosclerosis effect, a medicine containing the compound of formula (1) as the active ingredient is useful as an agent for the prevention or treatment of diabetes (especially non-insulin dependent diabetes mellitus), obesity (especially visceral fat obesity), or arteriosclerosis.



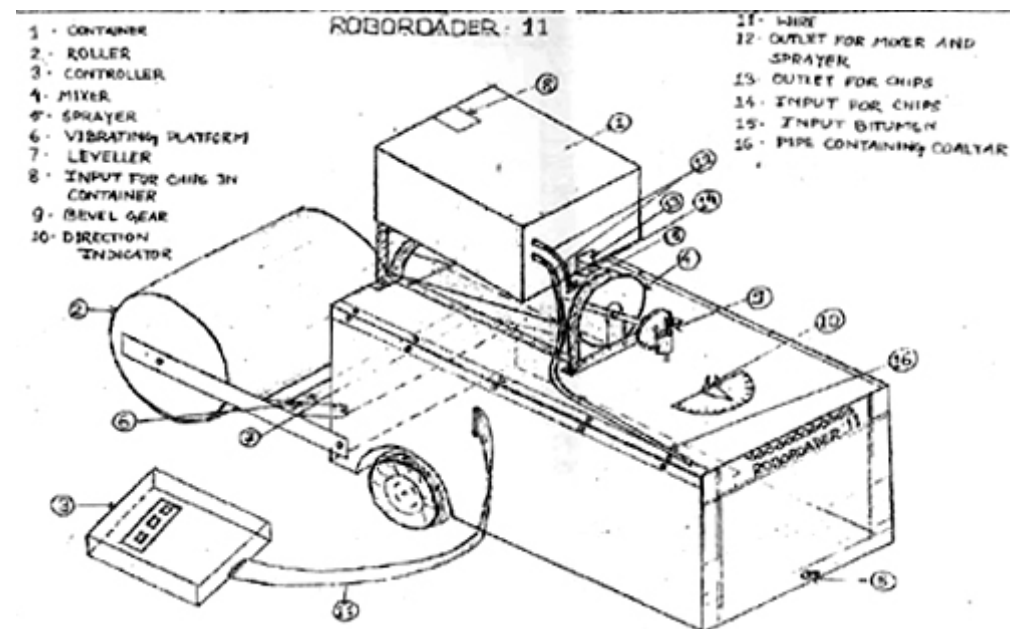


(54) Title of the invention : ROAD PAVING APPARATUS &amp; PROCESS THEREOF

|                                               |                                        |                                                                                                                                          |
|-----------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :E01C19/21;<br>E01C19/18;<br>E01C19/48 | (71)Name of Applicant :<br><b>1)KUNWAR, CHANDRESH</b><br>Address of Applicant :BABUL NIKETAN, KRISHNAPATTI, JAMUI<br>811307. Bihar India |
| (31) Priority Document No                     | :NA                                    | (72)Name of Inventor :<br><b>1)KUNWAR, CHANDRESH</b>                                                                                     |
| (32) Priority Date                            | :NA                                    |                                                                                                                                          |
| (33) Name of priority country                 | :NA                                    |                                                                                                                                          |
| (86) International Application No             | :PCT/IN2004/000204                     |                                                                                                                                          |
| Filing Date                                   | :12/07/2004                            |                                                                                                                                          |
| (87) International Publication No             | :WO 2006/006179                        |                                                                                                                                          |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                          |
| Filing Date                                   | :NA                                    |                                                                                                                                          |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                          |
| Filing Date                                   | :NA                                    |                                                                                                                                          |

(57) Abstract :

The road paving apparatus comprises a container (1), a mixer (4), a vibrating platform (6), a roller (2), and a controller or controlling unit (3).

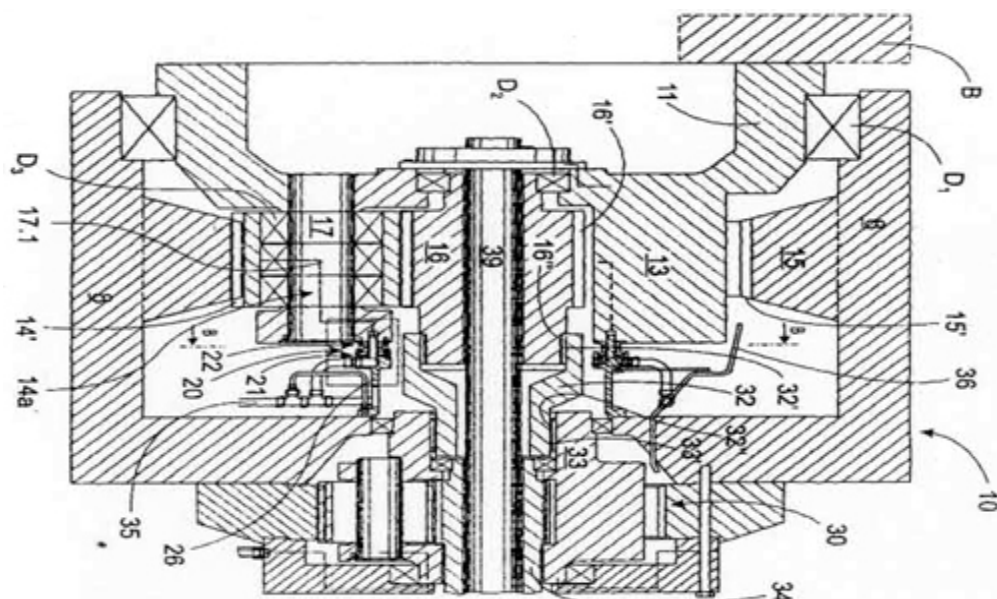


## (54) Title of the invention : ARRANGEMENT IN A PLANETARY GEARING

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :F16H 57/04        | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :20045274          | 1)MOVENTAS OY                                           |
| (32) Priority Date                            | :15/07/2004        | Address of Applicant :P.O.BOX 158, FL-40101 JYVÄSKYLÄ,, |
| (33) Name of priority country                 | :Finland           | Finland                                                 |
| (86) International Application No             | :PCT/FI2005/050269 | (72)Name of Inventor :                                  |
| Filing Date                                   | :06/07/2005        | 1)ARI RYYMIN                                            |
| (87) International Publication No             | :WO 2006/053940    | 2)TIMO YRJÄNEN                                          |
| (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 arrangement in a planetary gearing {10} comprising a rotatable shaft (11) connected to the planet wheel carrier (13) of planet wheels (14a), an internal gear (15) and a sun wheel (16), wherein the planet wheels (14a) operatively engage by their coggings (14'), i.e. mesh, with the outermost fixed-position cogging (15') of the internal gear (15) and with the centrally located cogging (16') of the sun wheel (16). The power is transmitted from the sun wheel (16) to the input shaft (33) of the following stage (30) by means of a coupling permitting radial and/or angular deflection. The lubrication system includes a connection (20) permitting rotation and said deflection between the frame (8) and the planet wheel carrier (13). Figs.1 and 2 of the drawings illustrate the invention.



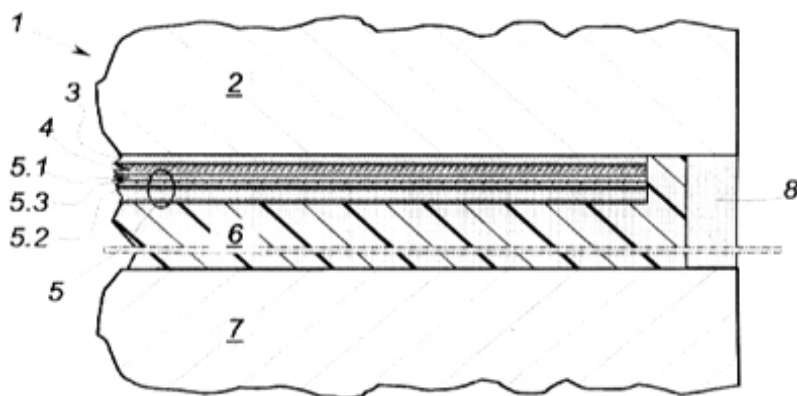
(54) Title of the invention : PHOTOVOLTAIC SOLAR CELL AND SOLAR MODULE

(51) International classification :H01L 31/052  
 (31) Priority Document No :102004032810.2  
 (32) Priority Date :07/07/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/DE2005/050547  
 Filing Date :05/07/2005  
 (87) International Publication No :WO 2006/005889  
 (61) 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)HARDER, NILS-PETER**  
**2)MOGENSEN, PAUL**  
**3)BLIESKE, ULF**

(57) Abstract :

photovoltaic solar cell (1) comprising an upper electrode (3), a layer(4) with light scattering and/or reflection properties, and a lower electrode (5), characterized in that said layer (4) is located between the upper electrode (3) and the lower electrode (5).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.20/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS PHARMACEUTICAL AGENTS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K45/00         |
| (31) Priority Document No                     | :60/600,239        |
| (32) Priority Date                            | :10/08/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/028357 |
| Filing Date                                   | :09/08/2005        |
| (87) International Publication No             | :WO 2006/020680    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)EXELLIXIS, INC.**

Address of Applicant :170 HARBOR WAY, P.O.BOX 511, SOUTH  
SAN FRANCISCO, CALIFORNIA 94083-0511 U.S.A.

(72)**Name of Inventor :**

**1)MARTIN, RICHARD**

**2)FLATT, BRENTON, TODD**

**3)KAHL, JEFFREY, DEAN**

(57) Abstract :

Compounds, compositions and methods for modulating the activity of receptors are provided. In particular, compounds and compositions are provided for modulating the activity of receptors and for the treatment, prevention, or amelioration of one or more symptoms of the disease or disorder directly or indirectly related to the activity of the receptors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.200/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : ELECTROCHEMICAL SYSTEM THAT INCLUDES AT LEAST ONE PARTIAL MARGINATION ZONE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G02F 1/153        |
| (31) Priority Document No                     | :0451786           |
| (32) Priority Date                            | :04/08/2004        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2005/050596 |
| Filing Date                                   | :20/07/2005        |
| (87) International Publication No             | :WO 2006/021707    |
| (61) 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)VALENTIN, EMMANUEL**  
**2)DUBRENAT, SAMUEL**

(57) Abstract :

Electrocheomical device having at least one carrier substrate (S1) provided with a functional multilayer defining a deposition zone and comprising, in succession: - a first electroconductive layer (1), (the one closest to the substrate); - a first electrochemically active layer (2); - an electrolyte layer (3); - a second electrochemically active layer (4); and - a second electroconductive layer (5), characterized in that the functional multilayer is deactivated, with the exception of the first electrochemically active layer (2), in at least a first, partial margination zone (A) located along at least one edge of said deposition zone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.20/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS PHARMACEUTICAL AGENTS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K45/00         |
| (31) Priority Document No                     | :60/600,239        |
| (32) Priority Date                            | :10/08/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/028357 |
| Filing Date                                   | :09/08/2005        |
| (87) International Publication No             | :WO 2006/020680    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)EXELLIXIS, INC.**

Address of Applicant :170 HARBOR WAY, P.O.BOX 511, SOUTH  
SAN FRANCISCO, CALIFORNIA 94083-0511 U.S.A.

(72)**Name of Inventor :**

**1)MARTIN, RICHARD**

**2)FLATT, BRENTON, TODD**

**3)KAHL, JEFFREY, DEAN**

(57) Abstract :

Compounds, compositions and methods for modulating the activity of receptors are provided. In particular, compounds and compositions are provided for modulating the activity of receptors and for the treatment, prevention, or amelioration of one or more symptoms of the disease or disorder directly or indirectly related to the activity of the receptors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : TRANSMISSION ARRANGEMENT

|                                               |                    |                                                        |
|-----------------------------------------------|--------------------|--------------------------------------------------------|
| (51) International classification             | :F16H61/68         | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :10 2004 037 580.1 | <b>1)DEERE &amp; COMPANY</b>                           |
| (32) Priority Date                            | :03/08/2004        | Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, IL |
| (33) Name of priority country                 | :Germany           | 61265-8098 U.S.A.                                      |
| (86) International Application No             | :PCT/EP2005/053701 | (72) <b>Name of Inventor :</b>                         |
| Filing Date                                   | :28/07/2005        | <b>1)MARTINEZ, MONICA GIL</b>                          |
| (87) International Publication No             | :WO 2006/013188    | <b>2)ORTEGA, FRANCISCO RUEDA</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 transmission arrangement (10). Said transmission arrangement (10) comprises a transmission housing (16), a transmission chamber (12) surrounded by the transmission housing (16), a first shaft (20) mounted in the transmission housing (16), a cavity (88) embodied in the first shaft (20) eccentrically to the rotational axis (18) with the cross-sectional center of gravity thereof, and a channel (156) embodied in the first shaft (20). Said channel (156) connects the transmission chamber (12) to the cavity (88) of the first shaft (20). The aim of the invention is to improve the lubrication process of the transmission arrangement (10) and the operating reliability, thus extending the maintenance intervals. To this end, the channel (156) is provided with a component (162) which is used to reduce the passage cross-section of the channel (156), and by which means only an optimised quantity of lubricant is transported through the channel (156). One such transmission arrangement is used for example for driving a cutter on a combine harvester.

(54) Title of the invention : NEW REACTIVE DYES

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :C09B62/02         | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :0425551.9         | <b>1)DYSTAR TEXTILFARBEN GMBH &amp; CO.DEUTSCHLAND KG</b> |
| (32) Priority Date                            | :19/11/2004        | Address of Applicant :INDUSTRIEPARK HOCHST, GEBAUDE B     |
| (33) Name of priority country                 | :U.K.              | 598 65926 FRANKFURT AM MAIN, Germany                      |
| (86) International Application No             | :PCT/EP2005/055991 | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :15/11/2005        | <b>1)LAWRENCE, ANTHONY</b>                                |
| (87) International Publication No             | :WO 2006/053874    | <b>2)RUSS, WERNER</b>                                     |
| (61) Patent of Addition to Application Number | :NA                | <b>3)EBENEZER, WARREN</b>                                 |
| Filing Date                                   | :NA                |                                                           |
| (62) Divisional to Application Number         | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |

(57) Abstract :

The present invention refers to dyestuffs of the formula (I) wherein R1, R2 are independently H, optionally substituted alkyl or optionally substituted aryl, R3 is optionally substituted alkyl or optionally substituted aryl, an organic acyl group (i.e. acetyl, propionyl, benzoyl etc.) or an organic thioacyl group (i.e. thioacetyl, thiopropionyl, thiobenzoyl etc.), all of which may or may not bear a reactive group able to form a dye-fibre bond, R4 is any coloured organic group, which may or may not bear a reactive group able to form a dye-fibre bond, L is any carbon containing linking group that is aliphatic, aromatic, or a combined alkyl-aryl group such as benzyl or phenethyl, X is halogen or tertiary ammonium or an optionally substituted aryl amine, processes for the preparation of said dyestuffs and their use for dyeing and printing hydroxy- and/or carboxamido-containing fiber materials.



(54) Title of the invention : HELICOPTER VIBRATION CONTROL SYSTEM AND ROTARY FORCE GENERATOR FOR CANCELING VIBRATIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B64C27/00         |
| (31) Priority Document No                     | :60/605,470        |
| (32) Priority Date                            | :30/08/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/030909 |
| Filing Date                                   | :30/08/2005        |
| (87) International Publication No             | :WO 2006/135405    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)LORD CORPORATION**

Address of Applicant :111 LORD DRIVE, CARY, NORTH CAROLINA 27511-8012, U.S.A.

(72)Name of Inventor :

**1)JOLLY, MARK**

**2)HILDEBRAND, STEPHEN**

**3)ALTIERI, RUSSELL**

**4)IVERS, DOUGLAS**

**5)FERGUSON, MATTHEW**

(57) Abstract :

A helicopter rotating hub mounted vibration control system for a helicopter rotary wing hub having a periodic vibration while rotating at a helicopter operational rotation frequency. The helicopter rotating hub mounted vibration control system includes an annular ring rotary housing attachable to the helicopter rotary wing hub and rotating with the helicopter rotary wing hub at the helicopter operational rotation frequency. The annular ring housing is centered about the rotary wing hub axis of rotation and has an electronics housing cavity subsystem and preferably an adjacent coaxial rotor housing cavity subsystem. The rotor housing cavity subsystem contains a first coaxial frame less AC ring motor having a first rotor with a first imbalance mass and a second coaxial frame less AC ring motor having a second rotor with a second imbalance mass. The electronics housing cavity subsystem contains an electronics control system which receives sensor outputs and electrically controls and drives the first coaxial frame less AC ring motor and the second coaxial frame less AC ring motor such that the first imbalance mass and the second imbalance mass are directly driven at a vibration canceling rotation frequency greater than the helicopter operational rotation frequency wherein the helicopter rotary wing hub periodic vibration is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.204/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application: 17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : AUTOMATICALLY QUENCHING SURGE ARRESTER ARRANGEMENT AND USE OF SUCH A SURGE ARRESTER ARRANGEMENT

|                                               |                     |                                                    |
|-----------------------------------------------|---------------------|----------------------------------------------------|
| (51) International classification             | :H01T1/14; H01T4/08 | (71) <b>Name of Applicant :</b>                    |
| (31) Priority Document No                     | :NA                 | <b>1)HUBER &amp; SUHNER AG</b>                     |
| (32) Priority Date                            | :NA                 | Address of Applicant :DEGERSHEIMERSTRASSE 14, 9100 |
| (33) Name of priority country                 | :NA                 | HERISAU, SWITZERLAND, Switzerland                  |
| (86) International Application No             | :PCT/CH2004/000495  | (72) <b>Name of Inventor :</b>                     |
| Filing Date                                   | :06/08/2004         | <b>1)GROTH, SIEGFRIED</b>                          |
| (87) International Publication No             | :WO 2006/012754     | <b>2)NUECHTER, PETER</b>                           |
| (61) Patent of Addition to Application Number | :NA                 | <b>3)GOEBEL, UHLAND</b>                            |
| Filing Date                                   | :NA                 | <b>4)GANTER, MARKUS</b>                            |
| (62) Divisional to Application Number         | :NA                 |                                                    |
| Filing Date                                   | :NA                 |                                                    |

(57) Abstract :

The invention relates to an automatically-triggering surge arrester arrangement (20) with a surge arrester (22), which, on exceeding a given first voltage, transforms from a non-conducting into a conducting state and returns to the non-conducting state only when a much smaller second voltage is dropped below and with a switch mechanism (26...,31) reacting to current flow through the surge arrester (22), interrupting the current flow through the surge arrester (22) and then automatically returning to the rest condition thereof. A simple, robust and compact assembly suitable for HF applications for such a surge arrester arrangement is achieved, whereby the switch mechanism (26,...,31) reacts reversibly to the heat generated in the surge arrester (22) by the current flow.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.205/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : REAL TIME COMMUNICATIONS SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L 12/58        |
| (31) Priority Document No                     | :10/894,170        |
| (32) Priority Date                            | :19/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/012522 |
| Filing Date                                   | :13/04/2005        |
| (87) International Publication No             | :WO 2006/019428    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)SIEMENS COMMUNICATIONS, INC.**

Address of Applicant :900 BROKEN SOUND PARKWAY, BOCA RATON, FLORIDA 33487-3587 U.S.A.

(72)**Name of Inventor :**

**1)LOBUONO, JOSEPH**

**2)RUETSCHI, JOHANNES**

(57) Abstract :

A real-time communications system of networked communications devices, method and program product for operating such a system. E-mail activity is monitored for e-mail exchange threads. Selected threads are identified and a prompt to switch to an IM session is sent to a local e-mail recipient. If the recipient elects to continue the exchange in an instant messaging (IM) session, the substance of the thread is copied to the IM session and the exchange continues.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.206/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : STIMULATOR HANDPIECE FOR AN EVOKED POTENTIAL MONITORING SYSTEM

|                                               |                        |
|-----------------------------------------------|------------------------|
| (51) International classification             | :A61N1/36;<br>A61N1/05 |
| (31) Priority Document No                     | :10/901,933            |
| (32) Priority Date                            | :29/07/2004            |
| (33) Name of priority country                 | :U.S.A.                |
| (86) International Application No             | :PCT/US2005/026692     |
| Filing Date                                   | :27/07/2005            |
| (87) International Publication No             | :WO 2006/015069        |
| (61) Patent of Addition to Application Number | :NA                    |
| Filing Date                                   | :NA                    |
| (62) Divisional to Application Number         | :NA                    |
| Filing Date                                   | :NA                    |

(71)Name of Applicant :

**1)MEDTRONIC XOMED, INC.**

Address of Applicant :6753, SOUTHPOINT DRIVE, NORTH  
JACKSONVILLE, FL 32216 U.S.A.

(72)Name of Inventor :

**1)STERRANTION, PETER, P**

**2)HACKER, DAVID,C.**

**3)BERRY, BRET, M.**

(57) Abstract :

An evoked potential monitoring system including a control unit having stimulator circuitry and a probe assembly coupled to the control unit. The probe assembly includes a stimulus probe and a stimulator handpiece selectively coupled to the stimulus probe. The handpiece includes a handle, control circuitry, and a switch. The control circuitry is electrically coupled to the stimulator circuitry. The switch is electrically coupled to the control circuitry and extends to an exterior portion of the handle. In this regard, movement of the switch remotely controls the stimulator circuitry to continuously increment or decrement a stimulation energy level delivered to the stimulus probe over a series of discrete, incremental steps.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.207/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR MULTIPLE SCLEROSIS TREATMENT AND PROPHYLAXIS BY TREATMENT OF LEPTOSPIRA INFECTION

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :A61K39/02         | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :PA 200401042      | <b>1)KOBENHAVNS UNIVERSITET</b>                           |
| (32) Priority Date                            | :01/07/2004        | Address of Applicant :BULOWSVEJ 17, DK-1870 FREDERIKSBERG |
| (33) Name of priority country                 | :Denmark           | C, Denmark                                                |
| (86) International Application No             | :PCT/DK2005/000444 | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :29/06/2005        | <b>1)JENSEN PER MOESTRUP</b>                              |
| (87) International Publication No             | :WO 2006/002631    |                                                           |
| (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 novel therapies and novel prophylactic methods for multiple sclerosis. Also provided are novel diagnostic methods. The invention resides in the finding that multiple sclerosis most likely is caused by chronic infection with a microorganism that cross-reacts immunologically with the spirochete *Leptospira interrogans*, which normally infects the brown rat.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.208/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : AMPLIFIER FOR UNSHIELDED TWISTED PAIR WIRE SIGNALS

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :H04L 12/66        | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :10/889,090        | <b>1)PHYLOGY, INC.</b>                                  |
| (32) Priority Date                            | :12/07/2004        | Address of Applicant :2901 TASMAN DR., SUITE 222, SANTA |
| (33) Name of priority country                 | :U.S.A.            | CLARA, CA 95054, U.S.A.                                 |
| (86) International Application No             | :PCT/US2005/024576 | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :11/07/2005        | <b>1)LARZABAL, LUIS</b>                                 |
| (87) International Publication No             | :WO 2006/017236    | <b>2)PONGANIS, EDWARD, PAUL</b>                         |
| (61) Patent of Addition to Application Number | :NA                |                                                         |
| Filing Date                                   | :NA                |                                                         |
| (62) Divisional to Application Number         | :NA                |                                                         |
| Filing Date                                   | :NA                |                                                         |

(57) Abstract :

An analog electronic circuit (100) is placed between the central office of a telecommunications provider and the customer premises equipment of a digital subscriber line system which uses unshielded twisted pair wires ("UTP"). The electronic circuit (100) separates the downlink signals from the uplink signals with a first mixer (400). The voice signals, if present, are routed around the electronic circuit (100) unmodified. The downlink signals are amplified (402), filtered (404), amplified (406) again with a one or more peaking equalization amplifier, then amplified with drivers (407) which provide the power to drive the downlink signal through second mixer onto the UTP lines to the customer premises equipment. The electronic circuit separates the uplink signals from the downlink signals with the second mixer. The uplink signals are amplified, filtered, and amplified again, then driven onto the UTP connected with the central office through the first mixer.

(54) Title of the invention : AMPHOTERIC POLYSACCHARIDE COMPOUNDS CONTAINING ALDEHYDE FUNCTION(S), COMPOSITION COMPRISING THEM AND COSMETIC USE THEREOF

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| (51) International classification             | :C08B15/06;<br>A61K7/075;<br>C08L1/08 |
| (31) Priority Document No                     | :0408998                              |
| (32) Priority Date                            | :19/08/2004                           |
| (33) Name of priority country                 | :France                               |
| (86) International Application No             | :PCT/EP2005/009987                    |
| Filing Date                                   | :18/08/2005                           |
| (87) International Publication No             | :WO 2006/018324                       |
| (61) Patent of Addition to Application Number | :NA                                   |
| Filing Date                                   | :NA                                   |
| (62) Divisional to Application Number         | :NA                                   |
| Filing Date                                   | :NA                                   |

(71)Name of Applicant :

**1)L'OREAL**

Address of Applicant :14, RUE ROYALE, F-75008, PARIS France

(72)Name of Inventor :

**1)PHILIPPE MICHEL**

(57) Abstract :

The present invention relates to novel amphoteric polysaccharide compounds containing aldehyde function(s) corresponding to the formula (I): P-(O-(Y)p-CAT)m in which: P represents a polysaccharide chain, the said chain bearing one or more aldehyde functions and optionally one or more groups -COOV, this group possibly being obtained during the oxidation of certain carbon atoms of a saccharide unit, Y represents a linear or branched, saturated or unsaturated, optionally hydroxylated divalent C1-C8 divalent hydrocarbon-based group comprising at least one ether and/or amine function in the hydrocarbon-based chain, or a group -Si(R)2-[O-Si(R)1]q-Z-; p is 0 or 1, and CAT represents an ammonium group or a cationic polymer chain obtained by grafting and polymerization of ethylenic monomers bearing an ammonium function. The invention also relates to their use in cosmetics and to compositions comprising them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.21/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : ANTIMICROBIAL LENSES, PROCESSES TO PREPARE THEM AND METHODS OF THEIR USE

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| (51) International classification             | :A61L12/08,<br>G02B1/04, G02C7/04 |
| (31) Priority Document No                     | :10/882,072                       |
| (32) Priority Date                            | :30/06/2004                       |
| (33) Name of priority country                 | :U.S.A.                           |
| (86) International Application No             | :PCT/US2005/021077                |
| Filing Date                                   | :15/06/2005                       |
| (87) International Publication No             | :WO 2006/012000                   |
| (61) Patent of Addition to Application Number | :NA                               |
| Filing Date                                   | :NA                               |
| (62) Divisional to Application Number         | :NA                               |
| Filing Date                                   | :NA                               |

(71)Name of Applicant :

**1)JOHNSON & JOHNSON VISION CARE, INC.**

Address of Applicant :7500 CENTURION PARKWAY, SUITE 100,  
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(72)Name of Inventor :

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**2)SUSAN BROWN-SKROBOT**

**3)ANN-MARIE WONG MEYERS**

**4)FRANK NEELY**

**5)BRIAN PALL**

**6)OSMAN RATHORE**

(57) Abstract :

This invention relates to solutions for packing ophthalmic devices comprising at least one antimicrobial metal salt having a Ksp of less than 1010 which prevent the loss of said antimicrobial metal salt during and storage.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.210/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : VERTICAL-AXIS WIND TURBINE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F03D3/06          |
| (31) Priority Document No                     | :0407406           |
| (32) Priority Date                            | :02/07/2004        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2005/001705 |
| Filing Date                                   | :01/07/2005        |
| (87) International Publication No             | :WO 2006/013273    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)VIMAK**

Address of Applicant :7, RUE D'ELSENHEIM-F-67390,  
MARCKOLSHEIM, France

(72)**Name of Inventor :**

**1)VIDA-MARQUES FIRMILIANO, MANUEL**

(57) Abstract :

The invention concerns a vertical-axis wind turbine comprising a central rotary tower where to are fixed substantially vertical blades, said blades capable of rotating and moving radially relative to the central tower, the movement of each blade being independently controlled based on the conditions to which it is constantly subjected so as to optimize the overall performance of the wind turbine.

(54) Title of the invention : PROGRAMMABLE WALLBOX DIMMER

|                                               |                          |
|-----------------------------------------------|--------------------------|
| (51) International classification             | :G05B19/10;<br>H05B37/02 |
| (31) Priority Document No                     | :10/892,510              |
| (32) Priority Date                            | :15/07/2004              |
| (33) Name of priority country                 | :U.S.A.                  |
| (86) International Application No             | :PCT/US2005/025002       |
| Filing Date                                   | :14/07/2005              |
| (87) International Publication No             | :WO 2006/019918          |
| (61) Patent of Addition to Application Number | :NA                      |
| Filing Date                                   | :NA                      |
| (62) Divisional to Application Number         | :NA                      |
| Filing Date                                   | :NA                      |

(71)Name of Applicant :

**1)LUTRON ELECTRONICS CO., INC.**Address of Applicant :7200 SUTER ROAD, COOPERSBURG,  
PENNSYLVANIA 18036-1299 U.S.A.

(72)Name of Inventor :

**1)MCDONOUGH, BRIDGET****2)ZAHARCHUK, WALTER, S.****3)BLAIR, EDWARD**

(57) Abstract :

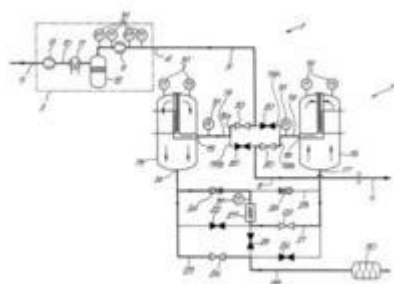
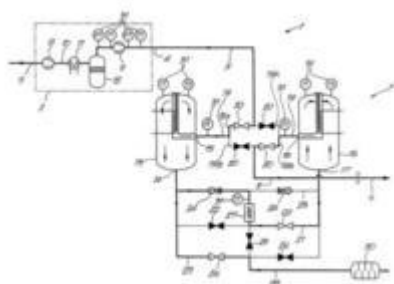
A programmable wallbox dimmer is disclosed. Upon entering a programming mode, the dimmer presents a main menu from which the user may select one or more features to program. The user may scroll through a list of programmable features by actuating the dimmer's raise/ lower intensity actuator. The user may select a highlighted feature by actuating the dimmer's control switch. The dimmer may enter a value selection mode that is associated with the selected feature. In the value selection mode, the user may scroll through a list of features that define the selected feature by actuating the dimmer's raise/lower intensity actuator. The user may select a value for the selected feature. The selected value may be stored in the dimmer's memory. Entering the programming mode is achieved by actuating the control switch while powering up or if the control switch has been actuated for at least a predetermined period of time.

(54) Title of the invention : IMPROVED COMPRESSOR DEVICE

|                                               |                                        |                                                                                                                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B01D53/26;<br>F04B39/16;<br>F04C29/00 | (71)Name of Applicant :<br><b>1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP</b><br>Address of Applicant :BOOMSESTEENWEG 957, B-2610 WILRIJK<br>Belgium |
| (31) Priority Document No                     | :2004/0376                             | (72)Name of Inventor :<br><b>1)VERTRIEST, DANNY, ETIENNE, ANDRÉ</b>                                                                                    |
| (32) Priority Date                            | :02/08/2004                            |                                                                                                                                                        |
| (33) Name of priority country                 | :Belgium                               |                                                                                                                                                        |
| (86) International Application No             | :PCT/BE2005/000120                     |                                                                                                                                                        |
| Filing Date                                   | :20/07/2005                            |                                                                                                                                                        |
| (87) International Publication No             | :WO 2006/012710                        |                                                                                                                                                        |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                                        |
| Filing Date                                   | :NA                                    |                                                                                                                                                        |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                                        |
| Filing Date                                   | :NA                                    |                                                                                                                                                        |

(57) Abstract :

Improved compressor device consisting of a compressor (2) with an inlet (3) and an outlet (4); a compressed air line (5) which connects the outlet (4) of the compressor (2) to a user network (6); a drier (7) which is incorporated in the above-mentioned compressed air line (5) and which comprises at least two air receivers (13-16) which are each provided with an inlet (14) and an outlet (15) and which are filled with desiccant or drying agent, which air receivers (13-16) work alternately, such that while one air receiver (13) is drying the compressed gas, the other air receiver (16) is regenerated; and a blow-off device (28) for blowing off at least a part of the gas compressed by the compressor when the compressor (2) works in no-load or in partial load, characterised in that means are provided which make it possible to guide the part of the compressed gas which is blown off via the blow-off device (28) through the regenerating air receiver (13).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.213/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : UNIT FOR DISPENSING FLUIDS OR MIXTURES AND DISPENSING DEVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B05B11/00         |
| (31) Priority Document No                     | :VI2004A000169     |
| (32) Priority Date                            | :09/07/2004        |
| (33) Name of priority country                 | :Italy             |
| (86) International Application No             | :PCT/IB2005/001901 |
| Filing Date                                   | :05/07/2005        |
| (87) International Publication No             | :WO 2006/008597    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)TAPLAST S.P.A.**

Address of Applicant :S.S. MAROSTICANA, 65/67, I-36031

DUEVILLE (VI) Italy

(72)**Name of Inventor :**

**1)SANTAGIULIANA, STEFANO**

(57) Abstract :

The invention is a unit (1) for dispensing fluids, comprising: a hollow body (2) defining a suction/compression chamber (3) of the fluid (L), to which a plunger (5) is slidably coupled; a rod (8) provided with first connection means (9) suited to be coupled with second connection means (10) integral with the plunger (5); an actuator element (6) integral with the rod (8) to allow said unit (1) to be operated. Said unit for dispensing fluids (1) also comprises means (12) suited to prevent the disengagement of said first connection means from said second connection means (9, 10) when an axial traction (13) is exerted on the actuator element (6) and/or on the rod (8).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.214/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : C-MET KINASE BINDING PROTEINS

(51) International classification :A61K38/00,C07H21/02  
(31) Priority Document No :10/871,602  
(32) Priority Date :17/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/021558  
Filing Date :17/06/2005  
(87) International Publication No :WO 2006/009888  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)AMGEN MOUNTAIN VIEW, INC.**

Address of Applicant :2450 BAYSHORE PARKWAY, MOUNTAIN VIEW, CA 94043 U.S.A.

(72)Name of Inventor :

**1)STEMMER WILLEM P C**

**2)PERLROTH D VICTOR**

**3)SATYAL SANJEEV**

**4)ALBA BENJAMIN M**

**5)BAKKER ALICE**

**6)DUGUAY AMY N**

**7)LIU QIANG**

**8)SILVERMAN JOSHUA**

**9)SMITH RICHARD**

**10)SWIMMER CANDACE**

(57) Abstract :

Polypeptides comprising monomer domains that bind to c-MET, or portions thereof, are provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.215/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : AMEBIASIS SUBUNIT VACCINE

|                                               |                       |                                                         |
|-----------------------------------------------|-----------------------|---------------------------------------------------------|
| (51) International classification             | :A61K39/002,C07K14/44 | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :60/581,248           | <b>1)REGENTS OF THE UNIVERSITY OF MINNESOTA</b>         |
| (32) Priority Date                            | :18/06/2004           | Address of Applicant :450, MCNAMARA ALUMNI CENTER, 200, |
| (33) Name of priority country                 | :U.S.A.               | OAK STREET SE, MINNEAPOLIS, MINNESOTA 55455-2070 U.S.A. |
| (86) International Application No             | :PCT/US2005/021507    | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :16/06/2005           | <b>1)RAVDIN, JONATHAN I.</b>                            |
| (87) International Publication No             | :WO 2006/009862       | <b>2)ABD ALLA, MOHAMED, D.</b>                          |
| (61) Patent of Addition to Application Number | :NA                   |                                                         |
| Filing Date                                   | :NA                   |                                                         |
| (62) Divisional to Application Number         | :NA                   |                                                         |
| Filing Date                                   | :NA                   |                                                         |

(57) Abstract :

Entamoeba histolytica LC3 subunit peptides, polynucleotides encoding these subunit peptides are provided, wherein the LC3 subunit peptide is present in an effective amount to induce mucosal anti-lectin IgA antibody production in a primate against Entamoeba histolytica or E. dispar. The present invention also includes Entamoeba histolytica LC3 subunit peptide vaccines, and methods of use thereof.

(54) Title of the invention : OPTICAL WAVEGUIDE MATERIAL AS WELL AS METHOD AND DEVICE FOR PRODUCING IT

|                                               |                                         |                                                                                                            |
|-----------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C03B37/014;<br>C03C13/04;<br>F23D11/00 | (71) <b>Name of Applicant :</b><br><b>1)LIEKKI OY</b><br>Address of Applicant :FI-08500, LOHJA AS, Finland |
| (31) Priority Document No                     | :20045264                               | (72) <b>Name of Inventor :</b>                                                                             |
| (32) Priority Date                            | :02/07/2004                             | <b>1)JANKA, KAUKO</b>                                                                                      |
| (33) Name of priority country                 | :Finland                                | <b>2)RAJALA, MARKKU</b>                                                                                    |
| (86) International Application No             | :PCT/FI2005/050239                      | <b>3)TIKKANEN, JUHA</b>                                                                                    |
| Filing Date                                   | :23/06/2005                             |                                                                                                            |
| (87) International Publication No             | :WO 2006/003253                         |                                                                                                            |
| (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 production of light-amplifying optical material. Liquid reactant (10) is atomized into droplets (15) using a high velocity gas (20) . The droplets (15) are subsequently introduced into a flame (100). Reactants (10, 30) are oxidized in the flame (100) and condensed by forming small particles (50). At least a fraction of said particles (50) is collected and fused to form optical waveguide material, which is subsequently drawn to form an optical waveguide (750) . According to the invention, the velocity of the atomizing gas (20) stream is in the range of 0.3 to 1.5 times the velocity of sound. The high velocity enhances atomization and increases reaction rates in the flame (100) . The residence times are reduced to such a degree that unwanted phase transformations in the produced particles (50) are substantially minimized. Consequently, very homogeneous material is produced. Especially, in the production of erbium-doped silica, low percentage of clustered erbium ions is achieved.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.217/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : PERFORMING AUTOMATICALLY AUTHORIZED PROGRAMMATIC TRANSACTIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06Q99/00         |
| (31) Priority Document No                     | :10/894,350        |
| (32) Priority Date                            | :19/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/025638 |
| Filing Date                                   | :19/07/2005        |
| (87) International Publication No             | :WO 2006/014668    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

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(72)Name of Inventor :

**1)GUPTA, VIKAS**

**2)VERMEULEN, ALLAN, H**

**3)WEI, EUGENE**

**4)JASSY, ANDREW, R**

**5)BEZOS, JEFFREY, P**

**6)KRAUSE, DUANE, J**

**7)SCHAPPEL, DAVID, A.**

(57) Abstract :

Techniques are described for facilitating interactions between computing systems, such as by performing transactions between parties that are automatically authorized via a third-party transaction authorization system. In some situations, the transactions are programmatic transactions involving the use of fee-based Web services by executing application programs, with the transaction authorization system authorizing and/or providing payments in accordance with private authorization instructions previously specified by the parties. The authorization instructions may include predefined instruction rule sets that regulate conditions under which a potential transaction can be authorized, with the instruction rule sets each referenced by an associated reference token. After one or more of the parties to a potential transaction supply reference tokens for the parties, the transaction authorization system can determine whether to authorize the transaction based on whether the instruction rule sets associated with the reference tokens are compatible or otherwise satisfied.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.218/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : AUTOMATIC AUTHORIZATION OF PROGRAMMATIC TRANSACTIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06F9/40          |
| (31) Priority Document No                     | :10/894,347        |
| (32) Priority Date                            | :19/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/025720 |
| Filing Date                                   | :19/07/2005        |
| (87) International Publication No             | :WO 2006/014721    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)AMAZON TECHNOLOGIES, INC..**

Address of Applicant :920, INCLINE WAY, SUITE C, INCLINE VILLAGE, NEVADA 89451 U.S.A.

(72)Name of Inventor :

**1)GUPTA, VIKAS**

**2)VERMEULEN, ALLAN, H.**

**3)WEI, EUGENE**

**4)JASSY, ANDREW, R**

**5)BENZOS, JEFFREY, P.**

**6)KRAUSE, DUANE, J**

**7)SCHAPPELL, DAVID, A.**

(57) Abstract :

Techniques are described for facilitating interactions between computing systems, such as via a third-party transaction authorization system that automatically authorizes transactions between parties. In some situations, the transactions are programmatic transactions involving the use of fee-based Web services by executing application programs, with the transaction authorization system authorizing and/or providing payments for transactions between Web service provider and consumer parties in accordance with private authorization instructions previously specified by the parties. The authorization instructions may include predefined instruction rule sets that regulate conditions under which a potential transaction can be authorized, with the instruction rule sets each referenced by an associated reference token. The transaction authorization system can then receive a reference token from each party to a potential transaction, and determine whether to authorize the transaction based on whether the instruction rule sets associated with the reference tokens are compatible or otherwise satisfied.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.219/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : MULTIPLE PACKAGING OF WRAPPERS CONTAINING PRODUCTS FOR MEDICAL USE

|                                               |                          |
|-----------------------------------------------|--------------------------|
| (51) International classification             | :A61F13/02;<br>B65D75/00 |
| (31) Priority Document No                     | :TO2004A000434           |
| (32) Priority Date                            | :28/06/2004              |
| (33) Name of priority country                 | :Italy                   |
| (86) International Application No             | :PCT/IB2005/002040       |
| Filing Date                                   | :24/06/2005              |
| (87) International Publication No             | :WO 2006/003503          |
| (61) Patent of Addition to Application Number | :NA                      |
| Filing Date                                   | :NA                      |
| (62) Divisional to Application Number         | :NA                      |
| Filing Date                                   | :NA                      |

(71)**Name of Applicant :**  
**1)DOTTA, ANGELO**  
Address of Applicant :VIA ALAMANDINI, 10, I-40136, BOLOGNA  
Italy  
(72)**Name of Inventor :**  
**1)DOTTA, ANGELO**

(57) Abstract :

Multiple packaging (21) of wrappers containing products for medical use comprising an envelope (23) to which at least two bunches of said wrappers (25,35) are fastened, said bunches being arranged so that the envelopes of each bunch turn out to be mutually joined along one side (25a,35a) and free along the opposite side (25b,35b) so as to appear spread apart, wherein said bunches are fastened inside said envelope (23) so to allow maximizing the multiple packaging capacity, without having to considerably increase the size.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.22/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : SOLUTIONS FOR OPHTHALMIC LENSES CONTAINING AT LEAST ONE SILICONE CONTAINING COMPONENT

(51) International classification

:C11D1/72,  
C11D3/04, C11D3/37

(31) Priority Document No

:10/880,941

(32) Priority Date

:30/06/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/021076

Filing Date

:15/06/2005

(87) International Publication No

:WO 2006/011999

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)JOHNSON & JOHNSON VISION CARE, INC**

Address of Applicant :7500 CENTURION PARKWAY, SUITE-100,  
JACKSONVILLE, FL 32256 U.S.A.

(72)Name of Inventor :

**1)OSMAN RATHORE**

**2)BRIAN PALL**

**3)SUSAN BROWN-SKROBOT**

**4)FRANK NEELY**

**5)ANN-MARIE WONG MEYERS**

**6)NAYIBY ALVAREZ-CARRIGAN**

(57) Abstract :

The present invention relates to a method for reducing the occurrence of superficial punctate staining comprising the step of packaging, storing or contacting an uncoated ophthalmic lens comprising at least one polymeric wetting agent and polymer units derived from at least one silicone containing component in a solution comprising an osmolality of about 220 mOsm/kg or greater.

(54) Title of the invention : ACTUATING DEVICE

|                                               |                     |                                                          |
|-----------------------------------------------|---------------------|----------------------------------------------------------|
| (51) International classification             | :H01F7/16,F16K31/06 | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :102004051332.5     | <b>1)HYDAC ELECTRONIC GMBH</b>                           |
| (32) Priority Date                            | :21/10/2004         | Address of Applicant :HAUPTSTRASSE 27, 66128 SAARBRUCKEN |
| (33) Name of priority country                 | :Germany            | Germany                                                  |
| (86) International Application No             | :PCT/EP2005/010794  | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :07/10/2005         | <b>1)BILL, MARTIN</b>                                    |
| (87) International Publication No             | :WO 2006/045414     | <b>2)MEYER, CHRISTOPH</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 an actuating device, particularly for actuating externally connected valves, comprising a housing (10) and a coil member (12). Said coil member (12) is disposed in the housing (10), is provided with a coil winding (14), and at least partially encompasses a pole tube (16). A pole core (20) adjoins one free end of said pole tube (16). The actuating device further comprises at least one armature (22) which is guided within an armature chamber (24) at least in the pole tube (16) and cooperates with a part for actuating the respective valve. In order to dispense with the need for an independent lift stop used in prior art, the pole tube (16) is configured like a receiving jacket for the armature (22), one free end of said receiving jacket being provided with an inward-facing folded edge so as to form a stop area (38) for the armature (22).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.221/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : ULTRA CLEANING OF COMBUSTION GAS INCLUDING THE REMOVAL OF CO<sub>2</sub>

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B01D53/14         |
| (31) Priority Document No                     | :60/599,228        |
| (32) Priority Date                            | :06/08/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/012794 |
| Filing Date                                   | :12/04/2005        |
| (87) International Publication No             | :WO 2006/022885    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)EIG, INC.**

Address of Applicant :10245 PARKWOOD DRIVE #8 CUPERTINO,  
CA 95014 U.S.A.

(72)**Name of Inventor :**

**1)GAL, EII**

(57) Abstract :

Ultra cleaning of combustion gas to near zero concentration of residual contaminants followed by the capture of CO<sub>2</sub> is provided. The high removal efficiency of residual contaminants is accomplished by direct contact cooling and scrubbing of the gas with cold water. The temperature of the combustion gas is reduced to 0-20 degrees Celsius to achieve maximum condensation and gas cleaning effect. The CO<sub>2</sub> is captured from the cooled and clean flue gas in a CO<sub>2</sub> absorber (134) utilizing an ammoniated solution or slurry in the NH<sub>3</sub>-CO<sub>2</sub>-H<sub>2</sub>O system. The absorber operates at 0-20 degrees Celsius. Regeneration is accomplished by elevating the pressure and temperature of the CO<sub>2</sub>-rich solution from the absorber. The CO<sub>2</sub> vapor pressure is high and a pressurized CO<sub>2</sub> stream, with low concentration of NH<sub>3</sub> and water vapor is generated. The high pressure CO<sub>2</sub> stream is cooled and washed to recover the ammonia and moisture from the gas.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.222/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : MODULATORS OF ALPHA7 NICOTINIC ACETYLCHOLINE RECEPTORS AND THERAPEUTIC USES THEREOF

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :A61K31/445;C07D 295/ |
| (31) Priority Document No                     | :60/589,003           |
| (32) Priority Date                            | :20/07/2004           |
| (33) Name of priority country                 | :U.S.A.               |
| (86) International Application No             | :PCT/EP2005/007846    |
| Filing Date                                   | :19/07/2005           |
| (87) International Publication No             | :WO 2006/008133       |
| (61) Patent of Addition to Application Number | :NA                   |
| Filing Date                                   | :NA                   |
| (62) Divisional to Application Number         | :NA                   |
| Filing Date                                   | :NA                   |

(71)**Name of Applicant :**  
**1)SIENA BIOTECH S.P.A.**  
Address of Applicant :VIA FIORENTINA, 1, I-53100 SIENA Italy

(72)**Name of Inventor :**  
**1)GAVIRAGHI, GIOVANNI**  
**2)GHIRON, CHIARA**  
**3)BOTHMANN, HENDRICK**  
**4)RONCARATI, RENZA**  
**5)TERSTAPPEN, GEORGE, CHRISTIAN**

(57) Abstract :

The present invention relates to compounds with 7 nAChR agonistic activity, processes for their preparation, pharmaceutical compositions containing the same and the use thereof for the treatment of neurological, psychiatric, cognitive, immunological and inflammatory disorders.

(54) Title of the invention : PLASMA NOZZLE ARRAY FOR PROVIDING UNIFORM SCALABLE MICROWAVE PLASMA GENERATION

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :H05H1/46;<br>H01J37/32 |
| (31) Priority Document No                     | :10/902,435             |
| (32) Priority Date                            | :30/07/2004             |
| (33) Name of priority country                 | :U.S.A.                 |
| (86) International Application No             | :PCT/US2005/026280      |
| Filing Date                                   | :21/07/2005             |
| (87) International Publication No             | :WO 2006/014862         |
| (61) Patent of Addition to Application Number | :NA                     |
| Filing Date                                   | :NA                     |
| (62) Divisional to Application Number         | :NA                     |
| Filing Date                                   | :NA                     |

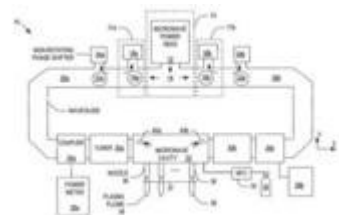
(71)Name of Applicant :  
**1)AMARANTE TECHNOLOGIES, INC.**  
 Address of Applicant :3550 SCOTT BLVD, BUILDING 16 SANTA CLARA, CALIFORNIA 95054 U.S.A.  
**2)NORITSU KOKI CO., LTD.**

(72)Name of Inventor :  
**1)LEE, SANG, HUN**  
**2)KIM, JAY, JOONGSOO**

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(57) Abstract :

The present invention provides microwave plasma nozzle array systems (10,70, 230, and 310) and methods for configuring microwave plasma nozzle arrays (37, 99, and 337). The microwaves are transmitted to a microwave cavity (323) in a specific manner and form an interference pattern (66) that includes high-energy regions (69) within the microwave cavity (32). The high-energy regions (69) are controlled by the phases and the wavelengths of the microwaves. A plurality of nozzle elements (36) is provided in the array (37). Each of the nozzle elements (36) has a portion (116) partially disposed in the microwave cavity (32) and receives a gas for passing therethrough. The nozzle elements (36) receive microwave energy from one of the high-energy regions (69). Each of the nozzle elements (36) includes a rod-shaped conductor (114) having a tip (117) that focuses on the microwaves and a plasma (38) is then generated using the received gas.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.224/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : KYNURENIC ACID AMIDE DERIVATIVES AS NR2B RECEPTOR ANTAGONISTS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D401/06        |
| (31) Priority Document No                     | :P0401525          |
| (32) Priority Date                            | :29/07/2004        |
| (33) Name of priority country                 | :Hungary           |
| (86) International Application No             | :PCT/HU2005/000080 |
| Filing Date                                   | :21/07/2005        |
| (87) International Publication No             | :WO 2006/010967    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)RICHTER GEDEON VEGYŐSZETI GYŐRT.**  
Address of Applicant :H-1103,BUDAPEST, GYŐMRŐI ŰT 19-21.  
Hungary

(72)**Name of Inventor :**  
**1)BORZA, ISTVAN**  
**2)HORVATH CSILLA**  
**3)FARKAS, SANDOR**  
**4)NAGY, JOZSEF**  
**5)KOLOK, SANDOR**

(57) Abstract :

The new kynurenic acid amide derivatives of formula (I): and optical antipodes, racemates and the salts thereof are highly effective and selective antagonists of NMDA receptor, and moreover most of the compounds are selective antagonist of NR2B subtype of NMDA receptor.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.225/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "NEW HETEROCYCLIC CARBOXYLIC ACID AMIDE DERIVATIVES".

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D401/06        |
| (31) Priority Document No                     | :P0401527          |
| (32) Priority Date                            | :29/07/2004        |
| (33) Name of priority country                 | :Hungary           |
| (86) International Application No             | :PCT/HU2005/000082 |
| Filing Date                                   | :21/07/2005        |
| (87) International Publication No             | :WO 2006/010969    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

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Hungary

(72)Name of Inventor :

**1)BORZA ISTVAN**

**2)HORVATH CSILLA**

**3)FARKAS SANDOR**

**4)GYERTYAN, ISTVAN**

**5)NAGY JOZSEF**

**6)KOLOK SANDOR**

**7)GALGOCZY, KORNEL**

**8)SAGHY, KATALIN**

(57) Abstract :

The invention relates to new heterocyclic carboxylic acid amide derivatives of formula (I) - wherein the meaning of X is hydrogen or halogen atom, hydroxy, cyano, C1-C4 alkylsulfonamido optionally substituted by a halogen atom or halogen atoms, C1-C4 alkanoylamido optionally substituted by a halogen atom or halogen atoms, arylsulfonamido groups, is -CH= group or -N= atom, Z is one or more hydrogen or halogen atom, C1-C4 alkyl, C1-C4 alkoxy, cyano, trifluoromethyl, trifluoromethoxy group and to the salts thereof, which are antagonists of NMDA receptor or are intermediates for preparing thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.226/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "COMPOSITIONS FOR DELIVERING PEPTIDE YY AND PYY AGONISTS"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K38/00         |
| (31) Priority Document No                     | :60/587,751        |
| (32) Priority Date                            | :12/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/024599 |
| Filing Date                                   | :12/07/2005        |
| (87) International Publication No             | :WO 2006/017251    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)EMISPHERE TECHNOLOGIES, INC.**  
Address of Applicant :765 OLD SAW MILL RIVER ROAD  
TARRYTOWN, NEW YORK 10591 U.S.A.  
(72)**Name of Inventor :**  
**1)DINH, STEVEN**  
**2)WANG, HUAIZHEN**  
**3)GOMEZ-ORELLANA, ISABEL, MARIA**

(57) Abstract :

The present invention provides a composition (e g., a pharmaceutical composition) comprising at least one delivery agent compound and at least one of peptide YY (PYY) and a PYY agonist. Preferably, the composition includes a therapeutically effective amount of peptide YY or the PYY agonist and the delivery agent compound. The composition of the present invention facilitates the delivery of PYY, a PYY agonist, or a mixture thereof and increases its bioavailability compared to administration without the delivery agent compound. PYY and PYY agonists possess activity as agents to reduce nutrient availability, including reduction of food intake.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.227/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "RECORDING MEDIUM, AND METHOD AND APPARATUS OF RECORDING AND REPRODUCING DATA ON THE SAME".

|                                               |                         |                                                                                                                                                             |
|-----------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G11B7/00;<br>G11B20/10 | (71) <b>Name of Applicant :</b><br><b>1)LG ELECTRONICS, INC.</b><br>Address of Applicant :20, YOIDO-DONG, YONGDONGPO-GU,<br>SEOUL,150-010 Republic of Korea |
| (31) Priority Document No                     | :60/609,260             | (72) <b>Name of Inventor :</b>                                                                                                                              |
| (32) Priority Date                            | :14/09/2004             | <b>1)PARK, YONG, CHEOL</b>                                                                                                                                  |
| (33) Name of priority country                 | :U.S.A.                 |                                                                                                                                                             |
| (86) International Application No             | :PCT/KR2005/003021      |                                                                                                                                                             |
| Filing Date                                   | :13/09/2005             |                                                                                                                                                             |
| (87) International Publication No             | :WO 2006/031052         |                                                                                                                                                             |
| (61) Patent of Addition to Application Number | :NA                     |                                                                                                                                                             |
| Filing Date                                   | :NA                     |                                                                                                                                                             |
| (62) Divisional to Application Number         | :NA                     |                                                                                                                                                             |
| Filing Date                                   | :NA                     |                                                                                                                                                             |

(57) Abstract :

An apparatus of recording data on a recording medium includes a pickup unit and a microcomputer. The pickup unit records data in a plurality of data frames included in a cluster. The microcomputer controls the pickup unit to record status information within the cluster, which indicates a status of the data being recorded in each data frame. In addition, the microcomputer further controls the pickup unit to record previous location information within the cluster when the cluster is determined to be a replacement cluster. The previous location information indicates a previous location of an original cluster associated with the replacement cluster.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.228/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "RECORDING MEDIUM, AND METHOD AND APPARATUS OF CONTROLLING ACCESS TO THE RECORDING MEDIUM".

|                                               |                                        |                                                                                                                                                             |
|-----------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G11B7/013;<br>G06F12/06;<br>G11B5/012 | (71) <b>Name of Applicant :</b><br><b>1)LG ELECTRONICS, INC.</b><br>Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU,<br>SEOUL 150-010 Republic of Korea |
| (31) Priority Document No                     | :60/589,803                            | (72) <b>Name of Inventor :</b>                                                                                                                              |
| (32) Priority Date                            | :22/07/2004                            | <b>1)PARK, YONG CHEOL</b>                                                                                                                                   |
| (33) Name of priority country                 | :U.S.A.                                |                                                                                                                                                             |
| (86) International Application No             | :PCT/KR2005/002345                     |                                                                                                                                                             |
| Filing Date                                   | :20/07/2005                            |                                                                                                                                                             |
| (87) International Publication No             | :WO 2006/009393                        |                                                                                                                                                             |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                                             |
| Filing Date                                   | :NA                                    |                                                                                                                                                             |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                                             |
| Filing Date                                   | :NA                                    |                                                                                                                                                             |

(57) Abstract :

A recording medium, and a method and apparatus of controlling an access to the recording medium are disclosed. Physical access control (PAC) information that is pre-recorded on a recording medium is extracted. Then, a PAC identification is extracted from the PAC information. An access to the recording medium is controlled using first control information that is included in the PAC information, when the PAC identification is known. Alternatively, the access to the recording medium is controlled using second control information that is included in the PAC information, when the PAC identification is unknown.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.229/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "SYRINGE".

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :A61M5/32          | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :20 2004 011 516.6 | <b>1)SCHWARZBICH, JÃ-RG</b>                             |
| (32) Priority Date                            | :22/07/2004        | Address of Applicant :WERTHERSTRASSE 15 33615 BIELEFELD |
| (33) Name of priority country                 | :Germany           | Germany                                                 |
| (86) International Application No             | :PCT/EP2005/005303 | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :14/05/2005        | <b>1)SCHWARZBICH, JÃ-RG</b>                             |
| (87) International Publication No             | :WO 2006/010393    |                                                         |
| (61) Patent of Addition to Application Number | :NA                |                                                         |
| Filing Date                                   | :NA                |                                                         |
| (62) Divisional to Application Number         | :NA                |                                                         |
| Filing Date                                   | :NA                |                                                         |

(57) Abstract :

The inventive syringe comprising a piston (16) movable in a housing (10) and a needle (20) retractable therein is characterised in that the piston (16) and the needle (20) are connected by a coupling (22;22') which is provided with three states: a coupling lifting state in which the needle (20) is displaceable with the piston (16) towards the front end of the housing (10), a disengaged state in which the piston (16) is separated from the needle (20) and backwardly displaceable into the housing and a permanent coupling state, in which the needle (20) is retracted in the housing (10) by means of the piston (16).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.23/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : CATALYST FOR CYCLOOLEFIN PRODUCTION AND PROCESS FOR PRODUCTION

|                                               |                                        |                                                                                                                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B01J23/60,<br>B01J21/06,<br>B01J23/63 | (71) <b>Name of Applicant :</b><br><b>1)ASAHI KASEI CHEMICALS CORPORATION</b><br>Address of Applicant :1-2, YURAKUCHO 1-CHOME, CHIYODA-KU, TOKYO Japan |
| (31) Priority Document No                     | :2004-202887                           | (72) <b>Name of Inventor :</b>                                                                                                                         |
| (32) Priority Date                            | :09/07/2004                            | <b>1)AKIYOSHI FUKUZAWA</b>                                                                                                                             |
| (33) Name of priority country                 | :Japan                                 |                                                                                                                                                        |
| (86) International Application No             | :PCT/JP2005/005844                     |                                                                                                                                                        |
| Filing Date                                   | :29/03/2005                            |                                                                                                                                                        |
| (87) International Publication No             | :WO 2006/006277                        |                                                                                                                                                        |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                                        |
| Filing Date                                   | :NA                                    |                                                                                                                                                        |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                                        |
| Filing Date                                   | :NA                                    |                                                                                                                                                        |

(57) Abstract :

A catalyst for production of a cycloolefin by partial hydrogenation of a monocyclic aromatic hydrocarbon, wherein the catalyst comprises zirconia as a carrier, and particles having an average primary particle diameter in a range of from 3 to 50 nm and an average secondary particle diameter in a range of from 0.1 to 30  $\mu$ m.

(54) Title of the invention : "INDOLE-2-CARBOXAMIDINE DERIVATIVES AS NMDA RECEPTOR ANTAGONISTS"

|                                               |                                           |                                                                                                                                                        |
|-----------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D209/00;<br>C07D401/00;<br>C07D405/00 | (71) <b>Name of Applicant :</b><br><b>1)RICHTER GEDEON VEGYÁRSZETI GYÁRT.</b><br>Address of Applicant :H-1103, BUDAPEST, GYÁ-MRŐI ÁŠT 19-21<br>Hungary |
| (31) Priority Document No                     | :P0401523                                 | (72) <b>Name of Inventor :</b>                                                                                                                         |
| (32) Priority Date                            | :29/07/2004                               | <b>1)BORZA ISTVAN</b>                                                                                                                                  |
| (33) Name of priority country                 | :Hungary                                  | <b>2)HORVATH CSILLA</b>                                                                                                                                |
| (86) International Application No             | :PCT/                                     | <b>3)FARKAS SANDOR</b>                                                                                                                                 |
| Filing Date                                   | HU2005/000078                             | <b>4)NAGY JOZSEF</b>                                                                                                                                   |
|                                               | :21/07/2005                               | <b>5)KOLOK SANDOR</b>                                                                                                                                  |
| (87) International Publication No             | :WO<br>2006/010965                        |                                                                                                                                                        |
| (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 therefore first to new indole-2-carboxamide derivatives of formula (I) - wherein the meaning of X is hydrogen or halogen atom, C1-C4 alkyl, C1-C4 alkoxy, trifluoromethyl group, Y, V and Z independently are hydrogen or halogen atom, hydroxy, cyano, C1-C4 alkylsulfonamido optionally substituted by a halogen atom or halogen atoms, C1-C4 alkanoylamido optionally substituted by a halogen atom or halogen atoms, trifluoromethyl, trifluoromethoxy, C1-C4 alkyl, C1-C4 alkoxy group, or the neighboring V and Z groups in given case together with one or more identical or different additional hetero atom and -CH= and/or -CH2- groups can form an optionally substituted 4-7 membered homo- or heterocyclic ring, preferably benzene, dioxolane ring, A, B and C independently are substituted carbon atom or one of them is nitrogen atom, and the salts thereof. Further objects of the invention are the processes for producing indole-2-carboxamide derivatives of formula (I), and the pharmaceutical manufacture of medicaments containing these compounds, as well as the process of treatments with these compounds, which means administering to a mammal to be treated - including human - effective amount/amounts of indole-2-carboxamide derivatives of formula (I) of the present invention as such or as medicament. The new indole-2-carboxamide derivatives of formula (I) of the present invention are highly effective and selective antagonists of NMDA receptor, and moreover most of the compounds are selective antagonist of NR2B subtype of NMDA receptor.

(54) Title of the invention : "NEW BENZOYL UREA DERIVATIVES"

|                                               |                                           |                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D211/00;<br>C07D401/00;<br>C07D413/00 | (71)Name of Applicant :<br><b>1)RICHTER GEDEON VEGYÁRSZETI GYÁRT.</b><br>Address of Applicant :H-1103, BUDAPEST, GYOMROI 19-21<br>Hungary |
| (31) Priority Document No                     | :P0401524                                 | (72)Name of Inventor :                                                                                                                    |
| (32) Priority Date                            | :29/07/2004                               | <b>1)BORZA ISTVAN</b>                                                                                                                     |
| (33) Name of priority country                 | :Hungary                                  | <b>2)BARTANE SZALAI GIZELLA</b>                                                                                                           |
| (86) International Application No             | :PCT/HU2005/000079                        | <b>3)BOZO EVA</b>                                                                                                                         |
| Filing Date                                   | :21/07/2005                               | <b>4)ACSNE KISS CSILLA</b>                                                                                                                |
| (87) International Publication No             | :WO 2006/010966                           | <b>5)HORVATH CSILLA</b>                                                                                                                   |
| (61) Patent of Addition to Application Number | :NA                                       | <b>6)FARKAS SANDOR</b>                                                                                                                    |
| Filing Date                                   | :NA                                       | <b>7)NAGY JOZSEF</b>                                                                                                                      |
| (62) Divisional to Application Number         | :NA                                       | <b>8)KOLOK SANDOR</b>                                                                                                                     |
| Filing Date                                   | :NA                                       |                                                                                                                                           |

(57) Abstract :

The new benzoyl urea derivatives of formula (I) wherein the meaning of X and Y independently are hydrogen atom, hydroxy, benzyloxy, amino, nitro, C1-C4 alkylsulfonamido optionally substituted with a halogen atom or halogen atoms, C1-C4 alkylamido optionally substituted with a halogen atom or halogen atoms, C1-C4 alkoxy, aryl-carbamoyl optionally substituted with halogen atom or C1-C4 alkyl or C1-C4 alkoxy-carbonyl group, or the neighboring X and Y groups optionally form together with one or more identical or different additional hetero atom and -CH= and/or -CH2- groups an optionally substituted 4-7 membered homo- or heterocyclic ring, preferably morpholine, pyrrole, pyrrolidine, oxo- or thioxo-pyrrolidine, pyrazole, pyrazolidine, imidazole, imidazolidine, oxo- or thioxo-imidazole or imidazolidine, 1,4-oxazine, oxazole, oxazolidine, triazole, oxo- or thioxo-oxazolidine, or 3-oxo-1,4-oxazine ring, V and Z independently are hydrogen or halogen atom, cyano, C1-C4 alkyl, C1-C4 alkoxy, trifluoromethyl, hydroxy or optionally esterized carboxyl group, W is oxygen atom, as well as C1-C4 alkylene, C2-C4 alkenylene, aminocarbonyl, -NH-, -N(alkyl)-, -CH2O-, -CH2S-, -CH(OH)-, -OCH2- group, wherein the meaning of alkyl is a C1-C4 alkyl group -, when the dotted bonds (•) represent simple C-C bonds then U is hydroxy group or hydrogen atom or when W is C1-C4 alkylene or C2-C4 alkenylene group, then one of the dotted bonds (•) can represent a further double C-C bond and in this case U means an electron pair, which participate in the double bond and optical antipodes, racemates and the salts thereof are highly effective and selective antagonists of NMDA receptor, and moreover most of the compounds are selective antagonist of NR2B subtype of NMDA receptor. Furthermore objects of the present invention are the pharmaceutical compositions containing new benzoyl urea derivatives of formula (I) or optical antipodes or racemates or the salts thereof as active ingredients and processes for producing these compounds and pharmaceutical compositions.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.232/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "NEW 4-BENZYLIDENE-PIPERIDIN DERIVATIVES"

|                                               |                                           |                                                                                                                                                        |
|-----------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D401/00;<br>C07D413/00;<br>C07D417/00 | (71) <b>Name of Applicant :</b><br><b>1)RICHTER GEDEON VEGYŐSZETI GYŐR RT.</b><br>Address of Applicant :H-1103, BUDAPEST, GYŐMRŐI ŰT 19-21,<br>Hungary |
| (31) Priority Document No                     | :P0401522                                 | (72) <b>Name of Inventor :</b>                                                                                                                         |
| (32) Priority Date                            | :29/07/2004                               | <b>1)BORZA ISTVAN</b>                                                                                                                                  |
| (33) Name of priority country                 | :Hungary                                  | <b>2)HORVATH CSILLA</b>                                                                                                                                |
| (86) International Application No             | :PCT/HU2005/000077                        | <b>3)FARKAS SANDOR</b>                                                                                                                                 |
| Filing Date                                   | :21/07/2005                               | <b>4)GYERTYAN, ISTVAN</b>                                                                                                                              |
| (87) International Publication No             | :WO 2006/010964                           | <b>5)NAGY JOZSEF</b>                                                                                                                                   |
| (61) Patent of Addition to Application Number | :NA                                       | <b>6)KOLOK SANDOR</b>                                                                                                                                  |
| Filing Date                                   | :NA                                       | <b>7)GALGOCZY KORNEL</b>                                                                                                                               |
| (62) Divisional to Application Number         | :NA                                       | <b>8)SAGHY, KATALIN</b>                                                                                                                                |
| Filing Date                                   | :NA                                       |                                                                                                                                                        |

(57) Abstract :

The present invention relates to new 4-benzylidene-piperidin derivatives of formula (I), useful as NMDA, in a particular NR2B subunit containing receptor antagonists and analgesica.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.234/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : VARIANT FC REGIONS

|                                               |                                        |                                                                                                                                                                                   |
|-----------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07K16/00;<br>A61K39/395;<br>C12N5/10 | (71) <b>Name of Applicant :</b><br><b>1)APPLIED MOLECULAR EVOLUTION INC.</b><br>Address of Applicant :3520 DUNHILL STREET, CITY OF SAN<br>DIEGO, STATE OF CALIFORNIA 92121 U.S.A. |
| (31) Priority Document No                     | :60/598,855                            | (72) <b>Name of Inventor :</b>                                                                                                                                                    |
| (32) Priority Date                            | :04/08/2004                            | <b>1)ALLAN, BARRETT</b>                                                                                                                                                           |
| (33) Name of priority country                 | :U.S.A.                                | <b>2)JIANG, WEIDONG</b>                                                                                                                                                           |
| (86) International Application No             | :PCT/US2005/025276                     | <b>3)TANG, YING</b>                                                                                                                                                               |
| Filing Date                                   | :18/07/2005                            | <b>4)WATKINS, JEFFRY, DEAN</b>                                                                                                                                                    |
| (87) International Publication No             | :WO 2006/020114                        |                                                                                                                                                                                   |
| (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 polypeptides, particularly therapeutic antibodies, comprising a novel, variant Fc region. Furthermore, the invention provides variant Fc regions which confer an altered effector function or altered serum half life upon a polypeptide to which it is operable attached.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.235/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METABOLIC ENGINEERING OF XYLOSE FERMENTING EUKARYOTIC CELLS

|                                               |                                  |                                                                                                                                                                 |
|-----------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C12N1/14;<br>C12N1/18; C12N9/92 | (71) <b>Name of Applicant :</b><br><b>1)TECHNISCHE UNIVERSITEIT DELFT</b><br>Address of Applicant :JULIANALAAN 134, P.O.BOX 5, NL-2628 BL<br>DELFT, Netherlands |
| (31) Priority Document No                     | :04077073.7                      | (72) <b>Name of Inventor :</b>                                                                                                                                  |
| (32) Priority Date                            | :16/07/2004                      | <b>1)WINKLER, AARON, ADRIAAN</b>                                                                                                                                |
| (33) Name of priority country                 | :EUROPEAN<br>UNION               | <b>2)KUYPER, SIPKO, MAARTEN</b>                                                                                                                                 |
| (86) International Application No             | :PCT/NL2005/000516               | <b>3)DE LAAT, WILHELMUS, THEODORUS, ANTONIUS, MARIA</b>                                                                                                         |
| Filing Date                                   | :15/07/2005                      | <b>4)VAN DIJKEN, JOHANNES, PIETER</b>                                                                                                                           |
| (87) International Publication No             | :WO 2006/009434                  | <b>5)PRONK, JACOBUS, THOMAS</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 further genetic modifications in eukaryotic host cells that have been transformed to express a xylose isomerase that confers the host cell the ability of isomerising xylose to xylulose. The further genetic modifications are aimed at improving the efficiency of xylose metabolism and include e.g. reduction of unspecific aldose reductase activity, increased xylulose kinase activity and increased flux of the pentose phosphate pathway. The modified host cells of the invention are suitable for the production of a wide variety of fermentation products, including ethanol, in fermentation processes in which a source of xylose or a source of xylose and glucose are used as carbon source.

(54) Title of the invention : CONNECTING ELEMENT, CONNECTION AND METHOD FOR PRODUCING A CONNECTION BETWEEN SERVICE SWITCHING DEVICES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q7/20          |
| (31) Priority Document No                     | :10 2004 042 428.4 |
| (32) Priority Date                            | :02/09/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/009091 |
| Filing Date                                   | :23/08/2005        |
| (87) International Publication No             | :WO 2006/024430    |
| (61) 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 PATENT GMBH**

Address of Applicant :WALLSTADTER STR. 59, 68526

LADENBURG Germany

(72)Name of Inventor :

**1)SELLNER, RUDOLF****2)BITZ MATTHIAS**

(57) Abstract :

The invention relates to a connector element for two installation breakers, adjacently attached with the broad faces thereof in contact, in particular, power breakers or residual current breakers, the housings of which are each formed from two dished housing pieces. The connector element comprises an approximately cylindrical base body (34) with a first external diameter (d2), on the front side (35, 36) of which two radially-sprung, axially projecting first (37, 39) and second (38, 40) expanding arms are moulded. The external contours of the spreader arms lie on a cylindrical outer surface, the external diameter (d3) of which is smaller than the first external diameter of the base body (34). The free ends thereof comprise radially projecting lugs (41,42,43,44) on opposed external lines, which, in the assembled state, clip behind recesses (58, 57) on the housings, for connection by means of the connector element, of adjacent installation breakers (10, 11). A sprung spreader element (70) is mounted between a first (37, 39) and second (38, 40) spreader arm such that the spreader element (70) supports the sprung spreading of the spreader arms (37, 38, 39, 40) and which impedes the sprung contact of the first (37, 39) and second (38, 40) spreader arms with each other.

(54) Title of the invention : CONNECTING ELEMENT FOR CONNECTING TWO SERVICE DEVICES ARRANGED WITH THEIR BROAD SIDES NEXT TO ONE ANOTHER

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01H71/02         |
| (31) Priority Document No                     | :10 2004 042 426.8 |
| (32) Priority Date                            | :02/09/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/008703 |
| Filing Date                                   | :11/08/2005        |
| (87) International Publication No             | :WO 2006/024377    |
| (61) 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 PATENT GMBH**  
 Address of Applicant :WALLSTADTER STR. 59, 68526  
 LADENBURG Germany  
 (72)**Name of Inventor :**  
**1)ORBAN, ALEXANDER**  
**2)SELLNER, RUDOLF**

(57) Abstract :

The invention relates to a connecting element (15, 20) for connecting two installation units (10,13,14) that are positioned side by side with adjacent broad sides, in particular, circuit-breakers, residual-current circuit-breakers or similar, at least one (13,14) of said units having a narrower module width in relation to the normal module width of an installation unit. Said element can be used for example to connect an auxiliary switch to a circuit-breaker or residual-current circuit-breaker, or an additional auxiliary switch to an auxiliary switch. The connecting element (15,20) comprises a base body section (21) with to sprung arms (22,23) that project in parallel. Lugs that project radially outwards (15,26) and follow diametrically opposed sawtooth lines are formed on the free ends of said arms and the end of the connecting element that lies opposite said arms (22,23) comprises a peripheral strip that acts as the head (32). The inner faces of the arms are provided with elements in the vicinity of the lugs (25, 26), said elements limiting the compression of the arms during the connection operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.238/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date:

(54) Title of the invention : CONNECTING ELEMENT FOR PRODUCING A CONNECTION BETWEEN SERVICE SWITCHING DEVICES

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :H01H71/02         | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :10 2004 013 708.9 | <b>1)ABB PATENT GMBH</b>                                 |
| (32) Priority Date                            | :02/09/2004        | Address of Applicant :WALLSTADTER STR. 59, 68526 Germany |
| (33) Name of priority country                 | :Germany           | (72) <b>Name of Inventor :</b>                           |
| (86) International Application No             | :PCT/EP2005/009090 | <b>1)SELLNER, RUDOLF</b>                                 |
| Filing Date                                   | :23/08/2005        | <b>2)BITZ MATTHIAS</b>                                   |
| (87) International Publication No             | :WO 2006/024429    |                                                          |
| (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 connector element for two Installation breakers, adjacently attached with the broad faces thereof in contact, the housings of which are each formed from two dished housing pieces. The connector element comprises an approximately cylindrical base body (34) with a first external diameter (d2), on the front side (35, 36) of which two radially-sprung, axially projecting first (37, 39) and second (38,40) expanding arms are moulded. The external contours of the spreader arms lie on a cylindrical outer surface, the external diameter (d3) of which is smaller than the first external diameter of the base body (34). The free ends thereof comprise radially projecting lugs (41,42,43,44) on opposed external lines, which, in the assembled state clip behind recesses (58, 57) on the housings, for connection by means of the connector element, of adjacent installation breakers (20, 11). A spacer piece (70) is mounted on at least one first (37, 39) or second (38,40) expanding arm, such that the height of the spacer piece (70) determines the minimum separation, the which the first (37,39) and second (38,40) expanding arms can be pressed together.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.239/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : ELECTRICAL SERVICE DEVICE

|                                               |                    |                                                 |
|-----------------------------------------------|--------------------|-------------------------------------------------|
| (51) International classification             | :H02B1/20          | (71) <b>Name of Applicant :</b>                 |
| (31) Priority Document No                     | :10 2004 042427.6  | <b>1)ABB PATENT GMBH</b>                        |
| (32) Priority Date                            | :02/09/2004        | Address of Applicant :WALLSTADTER STR.59, 68526 |
| (33) Name of priority country                 | :Germany           | LADENBURG. Germany                              |
| (86) International Application No             | :PCT/EP2005/008704 | (72) <b>Name of Inventor :</b>                  |
| Filing Date                                   | :11/08/2005        | <b>1)ORBAN, ALEXANDER</b>                       |
| (87) International Publication No             | :WO 2006/024378    | <b>2)KOMMERT, RICHARD</b>                       |
| (61) Patent of Addition to Application Number | :NA                | <b>3)BITZ MATTHIAS</b>                          |
| Filing Date                                   | :NA                |                                                 |
| (62) Divisional to Application Number         | :NA                |                                                 |
| Filing Date                                   | :NA                |                                                 |

(57) Abstract :

The invention relates to an electric installation device comprising a housing (11) that contains current conductive components, said components being accessible via openings (27; 60, 61) in the housing (11) of the installation device. At least one partition-type insulation barrier consisting of electrically insulating material can be allocated to at least one opening (27; 60, 61), thus increasing the clearances and creepage distances between two neighbouring openings (27; 60, 61)). The insulation barrier can be fixed to the housing (11) of the installation device.

(54) Title of the invention : PROCESS FOR INDUSTRIALLY PRODUCING AN AROMATIC CARBONATE

(51) International classification :C07C69/96  
 (31) Priority Document No :2004-207663  
 (32) Priority Date :14/07/2004  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2005/012815  
 Filing Date :12/07/2005  
 (87) International Publication No :WO 2006/006585  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)ASAHI KASEI CHEMICALS CORPORATION**

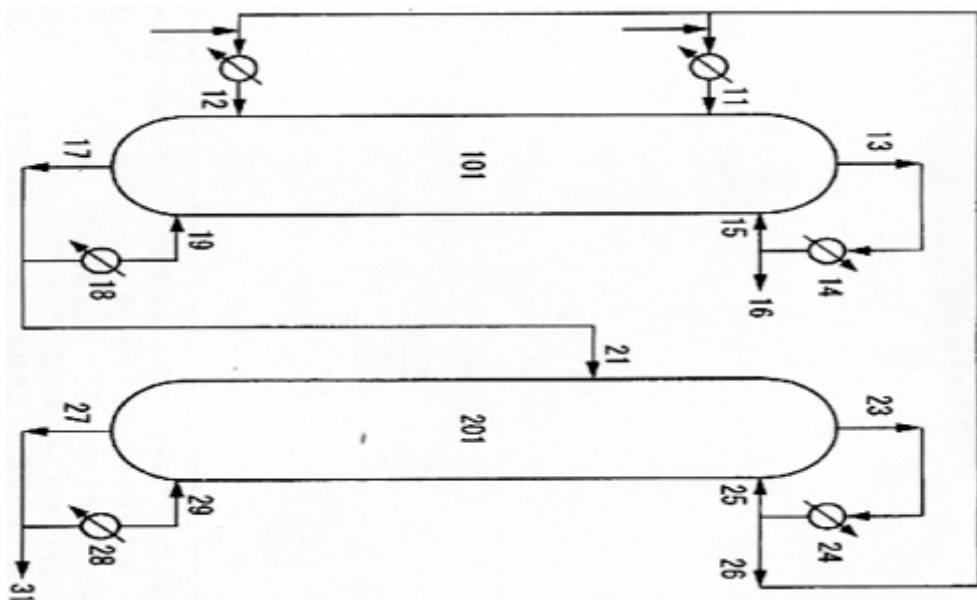
Address of Applicant :1-2, YURAKU-CHO 1-CHOME, CHIYODA-KU, TOKYO 100-8440 Japan

(72)Name of Inventor :

**1)SHINSUKE FUKUOKA****2)HIROSHI HACHIYA****3)KAZUHIKO MATSUZAKI**

(57) Abstract :

It is an object of the present invention to provide a specific process that enables aromatic carbonates containing diaryl carbonate as a main product to be produced with high selectivity and high productivity stably for a prolonged period of time on an industrial scale of not less than 1 ton per hour from a dialkyl carbonate and an aromatic monohydroxy compound using two continuous multi-stage distillation columns. Although there have been various proposals regarding processes for the production of aromatic carbonates by means of a reactive distillation method, these have all been on a small scale and short operating time laboratory level, and there have been no disclosures whatsoever on a specific process or apparatus enabling mass production on an industrial scale. According to the present invention, there are provided two specified continuous multi-stage distillation columns, and there is also provided a specific process that enables aromatic carbonates containing diaryl carbonate as a main product to be produced with high selectivity and high productivity stably for a prolonged period of time on an industrial scale of not less than 1 ton per hour from a dialkyl carbonate and an aromatic monohydroxy compound containing specific amounts of an alcohol and an aromatic carbonate using an apparatus in which these two continuous multi-stage distillation columns are connected together.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.240/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : ASSAY SYSTEMS AND METHODS FOR DETECTING MOLECULES THAT INTERACT WITH MEMBRANE CHANNELS

|                                               |                           |                                                                                                                                              |
|-----------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G01N33/542;<br>G01N33/68 | (71) <b>Name of Applicant :</b><br><b>1)JANSSEN PHARMACEUTICA N.V.</b><br>Address of Applicant :TURNHOUTSEWEG 30, B-2340, BEERSE.<br>Belgium |
| (31) Priority Document No                     | :10/894,836               | (72) <b>Name of Inventor :</b>                                                                                                               |
| (32) Priority Date                            | :20/07/2004               | <b>1)SUI-PO ZHANG</b>                                                                                                                        |
| (33) Name of priority country                 | :U.S.A.                   | <b>2)ELLEN E. CODD</b>                                                                                                                       |
| (86) International Application No             | :PCT/US2005/025428        |                                                                                                                                              |
| Filing Date                                   | :19/07/2005               |                                                                                                                                              |
| (87) International Publication No             | :WO 2006/020225           |                                                                                                                                              |
| (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 an assay system for detecting a molecule that interacts with a membrane channel, the assay system including cell membranes including one or more membrane channels; support bodies including scintillant and a coupling agent that associates with the cell membrane; a ligand that is selected to bind the membrane channel, the ligand including a scintillant-activating label. According to the invention, association of the support bodies with the cell membrane and binding of the ligand to the membrane channel results in emission from the scintillant of the support bodies, and, in the presence of a test molecule that interacts with the membrane channel, the emission from the scintillant of the support bodied changes. Methods of identifying a molecule that interacts with a cell membrane channel art also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.241/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : NASAL DILATOR AND ITS APPLICATIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61M29/00         |
| (31) Priority Document No                     | :0407085           |
| (32) Priority Date                            | :28/06/2004        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2005/001634 |
| Filing Date                                   | :28/06/2005        |
| (87) International Publication No             | :WO 2006/010848    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)YAZDI, ALEXANDRE**

Address of Applicant :98, RUE GABRIEL PERI, F-93200, SAINT-DENIS France

(72)**Name of Inventor :**

**1)YAZDI, ALEXANDRE**

(57) Abstract :

The invention concerns a mechanical nasal dilator comprising a frame provided with support plates (6, 6') at its ends, the frame including a central extranasal portion (1) and two intranasal portions (2, 2'), wherein the extranasal portion (2) of the frame is globally U-shaped, whereof the central portion is elastic and spaces apart the nose wings by spring effect, the end of each of the branches of the U being itself U-shaped whereof one branch forms one part of the extranasal portion of the frame and the other branch, located between the branches of the extranasal portion of the frame, forms said intranasal portions (2, 2').

(54) Title of the invention : "A PROCEDURE FOR STRUCTURAL CHARACTERIZATION OF A RECOMBINANT POLYCLONAL PROTEIN OR A POLYCLONAL CELL LINE"

|                                               |                                       |                                                                                                                                          |
|-----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C12N15/09;<br>C12Q1/68;<br>G01N33/68 | (71) <b>Name of Applicant :</b><br><b>1)SYMPHOGEN A/S,</b><br>Address of Applicant :ELEKTROVEJ, BYGNING 375, DK-2800,<br>LYNGBY, Denmark |
| (31) Priority Document No                     | :PA 2004 01133                        | (72) <b>Name of Inventor :</b>                                                                                                           |
| (32) Priority Date                            | :20/07/2004                           | <b>1)RASMUSSEN, LONE, KJÅR</b>                                                                                                           |
| (33) Name of priority country                 | :Denmark                              | <b>2)FRANSEN, TORBEN</b>                                                                                                                 |
| (86) International Application No             | :PCT/DK2005/000504                    | <b>3)RASMUSSEN, SÅREN, KOFOED</b>                                                                                                        |
| Filing Date                                   | :20/07/2005                           | <b>4)ANDERSEN, PETER, SEJER</b>                                                                                                          |
| (87) International Publication No             | :WO 2006/007853                       |                                                                                                                                          |
| (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 structural characterization platform that can be used to assess the stability of a polyclonal cell line during production, as well as batch-to-batch consistency of the final polyclonal products. The structural characterization platform is based on genetic analyses as well as protein characterization techniques that alone or in combination provide the necessary information to characterize the polyclonal cell line and final products. The collection of different homologous proteins to be analyzed with the platform techniques if for example a recombinant polyclonal antibody or a mixture of monoclonal antibodies.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.243/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : PHENYL DIAZEPANE CARBOXAMIDES AND ANNELATED PHENYL PIPERAZINE CARBOXAMIDES CONTAINING OXYGEN AND USED AS DOPAMINE D3 ANTAGONISTS

|                                               |                                          |                                                                                                                                          |
|-----------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D405/00;<br>A61K31/403;<br>A61P25/00 | (71) <b>Name of Applicant :</b><br><b>1)SCHWARZ PHARMA AG</b><br>Address of Applicant :ALFRED-NOBEL-STRASSE 10, 40789<br>MONHEIM Germany |
| (31) Priority Document No                     | :102004063797.0                          | (72) <b>Name of Inventor :</b>                                                                                                           |
| (32) Priority Date                            | :30/12/2004                              | <b>1)GMEINER, PETER</b>                                                                                                                  |
| (33) Name of priority country                 | :Germany                                 | <b>2)HUBNER, HARALD</b>                                                                                                                  |
| (86) International Application No             | :PCT/EP2005/014047                       | <b>3)SCHLOTTER, KARIN</b>                                                                                                                |
| Filing Date                                   | :27/12/2005                              |                                                                                                                                          |
| (87) International Publication No             | :WO 2006/072430                          |                                                                                                                                          |
| (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 annelated phenyl piperazine and phenyl diazepane carboxamides of general formula (I) containing oxygen. The compounds are suitable for medical purposes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.244/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application: 19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR DRYING A GAS AND DEVICE APPLIED THEREBY

|                                               |                          |
|-----------------------------------------------|--------------------------|
| (51) International classification             | :B01D53/26;<br>F04B39/16 |
| (31) Priority Document No                     | :2004/0381               |
| (32) Priority Date                            | :04/08/2004              |
| (33) Name of priority country                 | :Belgium                 |
| (86) International Application No             | :PCT/BE2005/000121       |
| Filing Date                                   | :28/07/2005              |
| (87) International Publication No             | :WO 2006/012711          |
| (61) Patent of Addition to Application Number | :NA                      |
| Filing Date                                   | :NA                      |
| (62) Divisional to Application Number         | :NA                      |
| Filing Date                                   | :NA                      |

(71)Name of Applicant :

**1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP**

Address of Applicant :BOOMSESTEENWEG 957, B-2610 WILRIJK,  
Belgium

(72)Name of Inventor :

**1)VANDERSTRAETEN BART ETIENNE AGNES**

**2)VAN HOVE BEN PAUL KARL**

(57) Abstract :

Method for drying a gas from a compressor (1) by means of a drier (2) of the type which consists of a pressure tank (3) with a drying zone (4)and a regeneration zone (5), with a rotor (6) which is composed of a drying element (7) in which has been provided an adsorption and/or absorption medium (8) which is alternately put through the drying zone (4) and the regeneration zone (5), characterised in that at a low load or zero load, the inlet of the regeneration zone (5) is connected to the user network (12) via a regeneration pipe (27), and in that the outlet of the regeneration zone (5) is connected to the atmosphere.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.245/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : BRANCHED BIODIESELS

(51) International classification

:C11C3/00;  
C10L1/18; C11C3/14

(31) Priority Document No

:60/581,787

(32) Priority Date

:22/06/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/EP2005/052838

Filing Date

:17/06/2005

(87) International Publication No

:WO 2005/123890

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)**Name of Applicant :**

**1)AKZO NOBEL N.V.**

Address of Applicant :VELPERWEG 76, NL-6824 BM ARNHEM.

Netherlands

(72)**Name of Inventor :**

**1)ZHANG ZONGCHAO**

(57) Abstract :

The present invention relates to a process for branching fatty acids or alkyl esters thereof and the use of such branched fatty acid alkyl esters as a major component of biodiesel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.246/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "THERMOSENSITIVE SPRINKLER"

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :A62C37/14         | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :10-2004-0059444   | <b>1)KIL, JONG-JIN</b>                                   |
| (32) Priority Date                            | :28/07/2004        | Address of Applicant :1-101, GEUMGANG APT., 16-19, SOSA- |
| (33) Name of priority country                 | :Republic of Korea | DONG, WONMI-GU, BUCHEON-SI, GYEONGGI-DO, 420-818         |
| (86) International Application No             | :PCT/KR2005/002319 | Republic of Korea                                        |
| Filing Date                                   | :19/07/2005        | <b>2)KIL, HYUN-SOO</b>                                   |
| (87) International Publication No             | :WO 2006/011725    | (72) <b>Name of Inventor :</b>                           |
| (61) Patent of Addition to Application Number | :NA                | <b>1)KIL, JONG-JIN</b>                                   |
| Filing Date                                   | :NA                | <b>2)KIL HYUN-SOO</b>                                    |
| (62) Divisional to Application Number         | :NA                |                                                          |
| Filing Date                                   | :NA                |                                                          |

(57) Abstract :

Disclosed herein are a fire fighting sprinkler which has a sensor therein to detect a temperature, checks the presence of faults therein by itself, and is automatically actuated locally when fires occur, thus controlling sprinklers installed at several places in a centralized manner, therefore more effectively coping with the occurrence of fires, and a method of controlling the fire sprinkler. In the thermo-sensitive sprinkler having a thermal fuse, the thermal fuse includes a casing having an open space therein, a low-temperature fusing material accommodated in the open space, an actuating pin seated in the low-temperature fusing material to be supported by the low-temperature fusing material, thus supporting a discharge valve, an electric heater to heat the low-temperature fusing material, and a power line to supply electricity to the electric heater, the power line comprising a thermocouple having a temperature measuring part where first and second conductors meet.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.247/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : GASIFICATION APPARATUS AND METHOD

|                                               |                                  |                                                                                                                                                     |
|-----------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F23G5/08;<br>B09B3/00; B09C1/00 | (71) <b>Name of Applicant :</b><br><b>1)POWER RECLAMATION, INC.</b><br>Address of Applicant :312 E.PEACH STREET, EL DORADO, AR<br>71730-5838 U.S.A. |
| (31) Priority Document No                     | :10/911,386                      | (72) <b>Name of Inventor :</b>                                                                                                                      |
| (32) Priority Date                            | :04/08/2004                      | <b>1)ROGERS MICHAEL W</b>                                                                                                                           |
| (33) Name of priority country                 | :U.S.A.                          |                                                                                                                                                     |
| (86) International Application No             | :PCT/US2005/027682               |                                                                                                                                                     |
| Filing Date                                   | :04/08/2005                      |                                                                                                                                                     |
| (87) International Publication No             | :WO 2006/017636                  |                                                                                                                                                     |
| (61) Patent of Addition to Application Number | :NA                              |                                                                                                                                                     |
| Filing Date                                   | :NA                              |                                                                                                                                                     |
| (62) Divisional to Application Number         | :NA                              |                                                                                                                                                     |
| Filing Date                                   | :NA                              |                                                                                                                                                     |

(57) Abstract :

A gasification system (10) is disclosed having a combustor (12), a scrubber (14), a finisher (16), and optionally a recycler (18). A carbonaceous fuel is partially combusted in the combustor to generate a combustible gas. An improved ash support and removal system reduces clogging and other problems in the combustor (12). The combustible gas passes through the scrubber (14) to remove matter such as tar and oil and to undergo preliminary catalytic chemical reactions. The scrubbed gas passes through a hybrid blower (0) to the finisher (16). Final catalytic chemical reactions occur in the finisher (18), and wood chips or other filters may also be used in the finisher to provide a relatively clean, dry, combustible gas. Wastewater and other waste products from the scrubber and finisher are captured in the recycler (18) and returned to the combustor (12).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.248/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : DEVICE FOR ELECTRICAL CONNECTION OF DISCONTINUOUS CONDUCTORS

|                                               |                    |                                                               |
|-----------------------------------------------|--------------------|---------------------------------------------------------------|
| (51) International classification             | :H01R4/24          | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :MI2004A001463     | <b>1)RDP S.R.L.</b>                                           |
| (32) Priority Date                            | :20/07/2004        | Address of Applicant :CORSO ITALIA 6, 20122 MILANO (MI) Italy |
| (33) Name of priority country                 | :Italy             | (72) <b>Name of Inventor :</b>                                |
| (86) International Application No             | :PCT/EP2005/007840 | <b>1)CORRADI, VINCENZO</b>                                    |
| Filing Date                                   | :19/07/2005        | <b>2)PASQUINELLI, MAURO</b>                                   |
| (87) International Publication No             | :WO 2006/008131    |                                                               |
| (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 electrical connection of discontinuous conductors (1, 2), extending in a longitudinal direction (X-X), comprising a body (10) made of insulating material inside which is disposed a conductor element (20) provided with means (22, 22a) adapted to come into contact with the conducting part of at least one respective discontinuous conductor (1,2), said body having guides (13) for sliding of a respective slider (30) provided with at least one relative seat (33) extending parallel to said longitudinal direction(X-X) and adapted to contain a portion of the relative discontinuous conductor (1, 2), said slider (30) being movable from a first position of extraction from the body (10) to a second position of insertion inside said body (10).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.249/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :19/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : SECURITY ELEMENT COMPRISING A SUPPORT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B42D15/00         |
| (31) Priority Document No                     | :10 2004 039 355.9 |
| (32) Priority Date                            | :12/08/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/008567 |
| Filing Date                                   | :08/08/2005        |
| (87) International Publication No             | :WO 2006/018171    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)GIESECKE & DEVRIENT GMBH**

Address of Applicant :PRINZREGENTENSTRASSE 159, 81677,  
MUNCHEN. Germany

(72)**Name of Inventor :**

**1)HEIM, MANFRED**

**2)RUCK, JURGEN**

**3)BURCHARD, THEODOR**

(57) Abstract :

The present invention relates to a security element (20) for securing security papers, value documents and the like, having a substrate (22). According to the present invention, the substrate (22) is provided with an authenticating mark (24,26) that, in transmitted light, imparts a first optical impression and, in reflected light, against a predefined and easily accessible background, imparts a second optical impression that differs significantly from the first optical impression.



(54) Title of the invention : PROCESS FOR INDUSTRIAL PRODUCTION OF AN AROMATIC CARBONATE

(51) International classification :C07C69/96  
 (31) Priority Document No :2004-207662  
 (32) Priority Date :14/07/2004  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2005/012818  
 Filing Date :12/07/2005  
 (87) International Publication No :WO 2006/006588  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)ASAHI KASEI CHEMICALS CORPORATION**

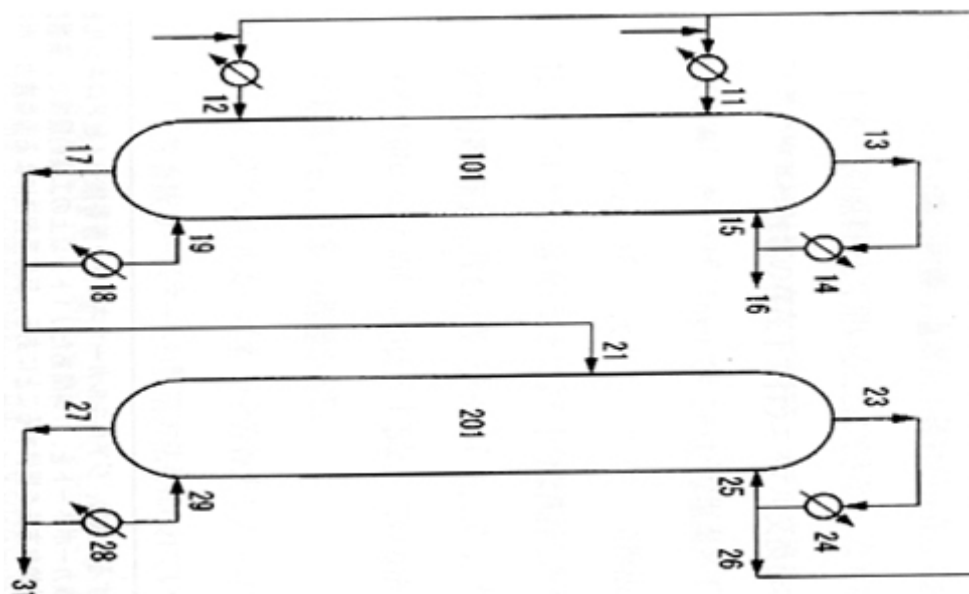
Address of Applicant :1-2, YURAKU-CHO, 1-CHOME, CHIYODA-KU, TOKYO 100-8440 Japan

(72)Name of Inventor :

**1)SHINSUKE FUKUOKA****2)HIROSHI HACHIYA****3)KAZUHIKO MATSUZAKI**

(57) Abstract :

It is an object of the present invention to provide a specific process that enables aromatic carbonates to be produced with high selectivity and high productivity stably for a prolonged period of time on an industrial scale of not less than 1 ton per hour from a dialkyl carbonate and an aromatic monohydroxy compound using two continuous multi-stage distillation columns. Although there have been various proposals regarding processes for the production of aromatic carbonates by means of a reactive distillation method, these have all been on a small scale and short operating time laboratory level, and there have been no disclosures whatsoever on a specific process or apparatus enabling mass production on an industrial scale. According to the present invention, there are provided two specified continuous multi-stage distillation columns, and there is also provided a specific process that enables aromatic carbonates to be produced with high selectivity and high productivity stably for a prolonged period of time on an industrial scale of not less than 1 ton per hour from a dialkyl carbonate and an aromatic monohydroxy compound using an apparatus in which these two continuous multi-stage distillation columns are connected together.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.250/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : ARTICULATED RAZOR HAVING TWO SHAVING HEADS

|                                               |                                        |                                                                                                                                      |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B26B21/00;<br>B26B21/22;<br>B26B21/52 | (71) <b>Name of Applicant :</b><br><b>1)BIC-VIOLEX SA</b><br>Address of Applicant :AGIOU ATHANASIOU, 145 69 ANIXI,<br>ATTIKI. Greece |
| (31) Priority Document No                     | :PCT/EP2004/009164                     | (72) <b>Name of Inventor :</b>                                                                                                       |
| (32) Priority Date                            | :22/07/2004                            | <b>1)PSIMADAS YIANNIS</b>                                                                                                            |
| (33) Name of priority country                 | :IB                                    | <b>2)ANGELIDES ALEXIS</b>                                                                                                            |
| (86) International Application No             | :PCT/EP2004/009164                     | <b>3)EFTHIMIADIS DIMITRIS</b>                                                                                                        |
| Filing Date                                   | :22/07/2004                            |                                                                                                                                      |
| (87) International Publication No             | :WO 2006/007874                        |                                                                                                                                      |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                      |
| Filing Date                                   | :NA                                    |                                                                                                                                      |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                      |
| Filing Date                                   | :NA                                    |                                                                                                                                      |

(57) Abstract :

Razor (1) comprising a handle (2) having an axis (X), a first shaving head (3) having one or more blades, mounted at a front end (4) of the handle (2), and a second shaving head (5) mounted on a support (6) which is mounted at a back end (7) of the handle (2) and is pivotable with respect of the same, between: - an open position in which said support (6) projects outward from the back end (7) of the handle (2) to allow shaving with said second shaving head (5), and - a closed position in which said support (6) is retracted within said handle (2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.251/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : BLOWER TYPE CHEMICAL DIFFUSING APPARATUS WITH FUEL CELL POWER SUPPLY

|                                               |                         |                                                                                                                                                |
|-----------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A01M1/20;<br>A01M29/00 | (71) <b>Name of Applicant :</b><br><b>1)FUMAKILLA LIMITED</b><br>Address of Applicant :11, KANDAMIKURACHO, CHIYODA-KU,<br>TOKYO 101-8606 Japan |
| (31) Priority Document No                     | :2004-218352            | (72) <b>Name of Inventor :</b>                                                                                                                 |
| (32) Priority Date                            | :27/07/2004             | <b>1)YAMASAKI, SATOSHI</b>                                                                                                                     |
| (33) Name of priority country                 | :Japan                  | <b>2)YAMAMOTO, KAZUNORI</b>                                                                                                                    |
| (86) International Application No             | :PCT/JP2005/013521      | <b>3)KAWAMURA, SHINYA</b>                                                                                                                      |
| Filing Date                                   | :15/07/2005             | <b>4)TAKEI, YASU HARU</b>                                                                                                                      |
| (87) International Publication No             | :WO 2006/011429         | <b>5)JO, TAKAO</b>                                                                                                                             |
| (61) Patent of Addition to Application Number | :NA                     |                                                                                                                                                |
| Filing Date                                   | :NA                     |                                                                                                                                                |
| (62) Divisional to Application Number         | :NA                     |                                                                                                                                                |
| Filing Date                                   | :NA                     |                                                                                                                                                |

(57) Abstract :

A blower type chemical diffusing apparatus is disclosed which can be of service for an extended period of time and does not give rise to refuse disposal problems. The blower type chemical diffusing apparatus of the invention has an air blower, a chemical retainer and a fuel cell included in the apparatus body whereby powering the air blower to drive it with the fuel cell causes chemical from the chemical retainer to be emitted into an environmental atmosphere.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.252/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : DRY MECHANICAL CONVEYOR PLANT FOR PYRITES AND COAL DUST

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F23K3/00          |
| (31) Priority Document No                     | :MI2004A001632     |
| (32) Priority Date                            | :06/08/2004        |
| (33) Name of priority country                 | :Italy             |
| (86) International Application No             | :PCT/EP2005/008383 |
| Filing Date                                   | :01/08/2005        |
| (87) International Publication No             | :WO 2006/013098    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)MAGALDI POWER S.P.A.**  
Address of Applicant :VIA IRNO,216, I-84135 SALERNO Italy  
(72)**Name of Inventor :**  
**1)MAGALDI, MARIO**

(57) Abstract :

The present invention is about a conveyor plant for pyrites, other foreign materials like metal parts and occasionally ground solid fossil fuel, coming from the grinding mills of the solid fossil fuel, substantially comprising an open or enclosed metal container (1) inside which a metal conveyor belt (6) is disposed. The conveyor receives the material to be conveyed from the pyrites storage tanks (2) of each mill, through interception valves (3) and vibrating feeders (4) or directly from gravity discharge channels. Any spontaneous ignition of the conveyed material is controlled by a putting out system with water nozzles (17) or inert gas or steam admission nozzles (18) according to the plant configurations. The pyrites and the ground solid fossil fuel are collected in a stockage silo (16), it too provided with an inert gas or steam putting out system. For the storage tanks (2) a gas or steam inertization system is provided as well.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.253/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS AND A PLANT FOR MAKING A MULTI-LAYER PANEL AND MULTI-LAYER PANEL THUS MADE

|                                               |                          |                                                             |
|-----------------------------------------------|--------------------------|-------------------------------------------------------------|
| (51) International classification             | :B29C70/54;<br>B29C70/08 | (71) <b>Name of Applicant :</b><br><b>1)BRANCA, ALFONSO</b> |
| (31) Priority Document No                     | :MI2004A 001491          | Address of Applicant :VIA DUCCIO DI BONINSEGNA 15, I-20145  |
| (32) Priority Date                            | :23/07/2004              | MILANO Italy                                                |
| (33) Name of priority country                 | :Italy                   | (72) <b>Name of Inventor :</b>                              |
| (86) International Application No             | :PCT/EP2005/007979       | <b>1)BRANCA, ALFONSO</b>                                    |
| Filing Date                                   | :21/07/2005              |                                                             |
| (87) International Publication No             | :WO 2006/008166          |                                                             |
| (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 making a multi-layer panel consists of applying a first (3) and second (4) fibre-based material on the opposite faces of a core (2) of the panel (1), joining the first and second material through a needling operation through the thickness of the core, carrying out the impregnation of the first and second fibre-based material with a resin-based material and introducing the resin-based material inside the needling holes (6) for their entire extension, and polymerising the resin-based material so that at least the polymerised resin-based material present in the needling holes defines a plurality of structural rigidifying elements (5) that connect the first and second fibre-based material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.254/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : A RIVET OR SCREW CONNECTION OF A PLASTIC PART TO A FURTHER PART

|                                               |                          |                                                                                                                                                   |
|-----------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B60J5/00;<br>B60R13/00; | (71) <b>Name of Applicant :</b><br><b>1)FAURECIA INNENRAUM SYSTEME GMBH</b><br>Address of Applicant :FAURECIASTRASSE 1 76767 HAGENBACH<br>Germany |
| (31) Priority Document No                     | :102004048835.5          | (72) <b>Name of Inventor :</b>                                                                                                                    |
| (32) Priority Date                            | :30/09/2004              | <b>1)THOMAS SCHMELZ</b>                                                                                                                           |
| (33) Name of priority country                 | :Germany                 | <b>2)ERIC ZIMMERMANN</b>                                                                                                                          |
| (86) International Application No             | :PCT/EP2005/010572       | <b>3)MARKO HERMANN</b>                                                                                                                            |
| Filing Date                                   | :23/09/2005              |                                                                                                                                                   |
| (87) International Publication No             | :WO 2006/034867          |                                                                                                                                                   |
| (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 rivet or screw connection (1) for assembling a first component (2) a second component (3), wherein a first (4) and a second (5) corresponding through holes are embodied in the first and second components and are penetrated by a rivet (6) or a screw shaft (7), said rivet (6) or screw is provided with a rivet or screw head (8) or with a nut whose diameter is greater than the diameter of the holes (4,5) and which are disposed on two sides of the adjacent holes, at least the first component (2) comprises a pot-shaped cavity (10) which is embodied in the area of the rivet (6) or the screw, is oriented in a direction of the second component (3) and in the bottom (12) of which the first through hole (4) is arranged.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.255/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : CONTROL ENTITY AND CONTROL METHOD FOR ELECTROSTATIC PRECIPITATORS INCLUDING A CONFIGURABLE NUMBER OF PARALLEL AND SERIAL PRECIPITATOR ZONES.

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| (51) International classification             | :G06F17/60;<br>B03C3/68;<br>G06F17/30 |
| (31) Priority Document No                     | :10 2004 036 210.6                    |
| (32) Priority Date                            | :26/07/2004                           |
| (33) Name of priority country                 | :Germany                              |
| (86) International Application No             | :PCT/EP2005/053557                    |
| Filing Date                                   | :21/07/2005                           |
| (87) International Publication No             | :WO 2006/010738                       |
| (61) Patent of Addition to Application Number | :NA                                   |
| Filing Date                                   | :NA                                   |
| (62) Divisional to Application Number         | :NA                                   |
| Filing Date                                   | :NA                                   |

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
Address of Applicant :WITTELSBACHERPLATZ 2, 80333  
MUNCHEN Germany  
(72)**Name of Inventor :**  
**1)GRASS, NORBERT**

(57) Abstract :

The aim of the invention is to be able to adapt an item of visualization or optimization software with the least possible amount of effort made on any electrostatic filter configurations. To this end, the invention provides that the electrostatic filter, the high-voltage supply units (2), and the auxiliary functional units can be used by the software modules in the server component (3) as objects with characteristic features and with characteristic methods, that are capable of being accessed as information, which only exists in the server component (3), for the client modules (5) via data interfaces.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.256/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : RASTER CUTTING TECHNOLOGY FOR OPHTHALMIC LENSES

|                                               |                                       |                                                                                                                                                                               |
|-----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B23C3/16;<br>B23Q15/00;<br>B24B13/06 | (71) <b>Name of Applicant :</b><br><b>1)ESSILOR INTERNATIONAL</b><br>Address of Applicant :(COMPAGNIE GENERALE D'OPTIQUE) 147<br>RUE DE PARIS, 94220 CHARENTON LE PONT France |
| (31) Priority Document No                     | :10/910,674                           | (72) <b>Name of Inventor :</b>                                                                                                                                                |
| (32) Priority Date                            | :03/08/2004                           | <b>1)JAMES, DANIEL RIAL</b>                                                                                                                                                   |
| (33) Name of priority country                 | :U.S.A.                               | <b>2)WALTER DANNHARDT</b>                                                                                                                                                     |
| (86) International Application No             | :PCT/US2005/027743                    | <b>3)ROLAND MANDLER</b>                                                                                                                                                       |
| Filing Date                                   | :03/08/2005                           | <b>4)TOBIAS MULLER</b>                                                                                                                                                        |
| (87) International Publication No             | :WO 2006/017661                       |                                                                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA                                   |                                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                                               |
| (62) Divisional to Application Number         | :NA                                   |                                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                                               |

(57) Abstract :

A raster cutting apparatus and method for producing accurately formed, aspheric ophthalmic lenses having a good quality surface finish. The accurate form and good surface finish are obtained by using a substantially spherically shaped cutting tool having a large radius. The methods include utilizing a cutting path which provides substantially constant cutting-force, such as a constant surface-cutting-speed raster pattern.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.257/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : STABLE PARTICLE FORMULATIONS OF ERYTHROPOIETIN RECEPTOR AGONISTS

|                                               |                                      |
|-----------------------------------------------|--------------------------------------|
| (51) International classification             | :A61K9/14;<br>A61K9/19;<br>A61K38/18 |
| (31) Priority Document No                     | :60/599,663                          |
| (32) Priority Date                            | :05/08/2004                          |
| (33) Name of priority country                 | :U.S.A.                              |
| (86) International Application No             | :PCT/US2005/027966                   |
| Filing Date                                   | :04/08/2005                          |
| (87) International Publication No             | :WO 2006/017773                      |
| (61) Patent of Addition to Application Number | :NA                                  |
| Filing Date                                   | :NA                                  |
| (62) Divisional to Application Number         | :NA                                  |
| Filing Date                                   | :NA                                  |

(71)**Name of Applicant :**

**1)ALZA CORPORATION**

Address of Applicant :1900 CHARLESTON ROAD MOUNTAIN  
VIEW, CA 94043 U.S.A.

(72)**Name of Inventor :**

**1)LIU, KUI**

**2)DESJARDIN,MICHAEL A**

(57) Abstract :

A particle formulation includes an erythropoietin receptor agonist, a buffer, and a sugar, wherein the buffer and sugar stabilize the erythropoietin receptor agonist against aggregation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.258/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE PREVENTION AND CONTROL OF INSULIN INDUCED HYPOGLYCEMIA

|                                               |                                       |                                                                                                                                                               |
|-----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K38/28;<br>A61K9/00;<br>A61K31/26 | (71) <b>Name of Applicant :</b><br><b>1)DIOBEX, INC.</b><br>Address of Applicant :600 TOWNSEND STREET, SUITE 271, SAN FRANCISCO, CALIFORNIA 94103-4943 U.S.A. |
| (31) Priority Document No                     | :60/584,449                           | (72) <b>Name of Inventor :</b>                                                                                                                                |
| (32) Priority Date                            | :29/06/2004                           | <b>1)GREEN, DANIEL,T</b>                                                                                                                                      |
| (33) Name of priority country                 | :U.S.A.                               | <b>2)HENRY, ROBERT,R.</b>                                                                                                                                     |
| (86) International Application No             | :PCT/US2005/022812                    |                                                                                                                                                               |
| Filing Date                                   | :27/06/2005                           |                                                                                                                                                               |
| (87) International Publication No             | :WO 2006/004696                       |                                                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA                                   |                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                               |
| (62) Divisional to Application Number         | :NA                                   |                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                               |

(57) Abstract :

Pharmaceutical compositions comprising both insulin and glucagon can be administered to control and treat diabetes while reducing or eliminating the risk of insulin-induced hypoglycemia.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.259/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR REMOVING LOW AMOUNTS OF ORGANIC SULFUR FROM HYDROCARBON FUELS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C10G 27/12        |
| (31) Priority Document No                     | :09/654,016        |
| (32) Priority Date                            | :01/09/2000        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2001/041554 |
| Filing Date                                   | :03/08/2001        |
| (87) International Publication No             | :WO 2002/018518    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | : 227/KOLNP/2003   |
| Filing Date                                   | : 21.02.2003       |

(71)**Name of Applicant :**

**1)UNIPURE CORPORATION**

Address of Applicant :SUITE 1380 12 GREENWAY PLAZA,  
HOUSTON, TX 77046 U.S.A.

(72)**Name of Inventor :**

**1)RAPPAS ALKIS S**

**2)NERO VINCENT P**

**3)BECANTO STEPHEN J**

(57) Abstract :

The present invention relates to a process for desulfurizing fuels such as diesel oil and similar petroleum products to reduce the sulfur content to a range of from about 2 to 15 ppm sulfur is described. The sulfur containing fuel is contacted at slightly elevated temperatures with an oxidizing/extracting solution of formic acid, a small amount of hydrogen peroxide, and no more than about 25 wt % water. A removal process for separating substituted dibenzothiophene oxidation products from the fuel is also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : AN APPARATUS AND A METHOD FOR THE PROVISION OF ACTIVATED INDICATORS FOR PRODUCT MARKING AND A PRODUC MARKING

|                                               |                    |                                                        |
|-----------------------------------------------|--------------------|--------------------------------------------------------|
| (51) International classification             | :G01N27/333        | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :102005051471.5    | <b>1)BIZERBA GMBH &amp; CO. KG.</b>                    |
| (32) Priority Date                            | :21/10/2005        | Address of Applicant :WILHELM-KRAUNT-STRASSE 65, 72336 |
| (33) Name of priority country                 | :Germany           | BALINGEN Germany                                       |
| (86) International Application No             | :PCT/EP2006/007457 | (72) <b>Name of Inventor :</b>                         |
| Filing Date                                   | :27/07/2006        | <b>1)UBER, MARKUS</b>                                  |
| (87) International Publication No             | :WO 2007/045290    | <b>2)BERNHARD, JURGEN</b>                              |
| (61) Patent of Addition to Application Number | :NA                | <b>3)FEUERSTACK, MICHAEL</b>                           |
| Filing Date                                   | :NA                | <b>4)JANNASCH, UWE</b>                                 |
| (62) Divisional to Application Number         | :NA                |                                                        |
| Filing Date                                   | :NA                |                                                        |

(57) Abstract :

The invention relates to a method for the provision of activated temperature,-sensitive and/or time-sensitive indicators for product marking. A first variant is characterized by the activation of an indicator and the subsequent application of a protective filter to the indicator, with the indicator being conveyed along an activation device and along a protective filter application unit subsequent to it in the conveying direction. A second variant is characterized by the activation of an indicator already provided with a protective filter. The invention furthermore relates to apparatus for the carrying out of the named methods as well as to a product marking which was manufactured in accordance with the methods in accordance with the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.260/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : LONG BUFF SHORT DRAFT TRAVEL DRAFT GEAR FOR USE IN A 24.625 INCH POCKET

|                                               |                        |
|-----------------------------------------------|------------------------|
| (51) International classification             | :B61G9/10;<br>B61G9/22 |
| (31) Priority Document No                     | :10/928,843            |
| (32) Priority Date                            | :27/08/2004            |
| (33) Name of priority country                 | :U.S.A.                |
| (86) International Application No             | :PCT/US2005/030241     |
| Filing Date                                   | :25/08/2005            |
| (87) International Publication No             | :WO 2006/026349        |
| (61) Patent of Addition to Application Number | :NA                    |
| Filing Date                                   | :NA                    |
| (62) Divisional to Application Number         | :NA                    |
| Filing Date                                   | :NA                    |

(71)**Name of Applicant :**

**1)WABTEC HOLDING CORPORATION**

Address of Applicant :1001 AIR BRAKE AVENUE,  
WILMERDING,PA 15148 U.S.A.

(72)**Name of Inventor :**

**1)SOMMERFELD, HOWARD, R,**

(57) Abstract :

A friction-type draft gear assembly includes a housing having an open front end and a closed rear end forming a ledge to fit into a 24.625 inch (62.5cm) draft gear pocket. The front portion incorporates an integral yoke portion with a pair of key slots for attachment to the coupler. A coupler follower is disposed within open front end and communicates with a pair of apertures during buff and draft travel. A compressible cushioning means is positioned within the second end with a seating arrangement abutting an end wall thereof and is extended longitudinally toward the open front end. A friction cushioning element is provided in the open front end of the housing. A spring release mechanism is adapted for continuously urging the friction cushioning element outwardly from the compressible cushioning means thereby releasing such friction cushioning element after compression of such draft gear assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.27/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : CORROSION CONTROL COATING COMPOSITION FOR METAL WORKPIECES AND METHOD OF PRODUCING SAME

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C09D183/04        |
| (31) Priority Document No                     | :102004034645.3    |
| (32) Priority Date                            | :16/07/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/007360 |
| Filing Date                                   | :07/07/2005        |
| (87) International Publication No             | :WO 2006/007985    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)EWALD DORKEN AG**  
Address of Applicant :WETTERSTRASSE 58, 58313 HERDECKE  
Germany  
(72)**Name of Inventor :**  
**1)KRUSE THOMAS**  
**2)MERTENS, HEIKE**  
**3)REUSMANN, GERHARD**

(57) Abstract :

The invention relates to an anti-corrosive coating agent for metal workpieces. For the purpose of good cathodic corrosion prevention, the anti-corrosive coating agent comprises an organic binder having a silicon-organic compound and particulate metal. The workpiece having an anti-corrosive coating is characterized in that the anti-corrosive coating comprises an organic binder having a silicon-organic compound and particulate metal. The method for producing an anti-corrosive coating on a workpiece is characterized by applying, in liquid form, a first coating, comprising an organic binder having a silicon-organic compound and particulate metal as the anti-corrosive coating, and then applying a second coating the composition of which preferably differs from that of the anti-corrosive coating.

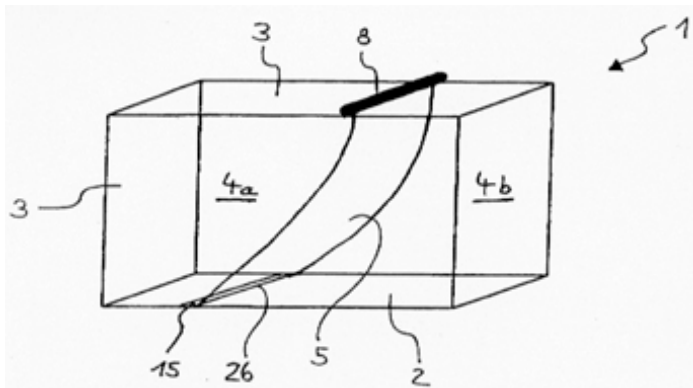


(54) Title of the invention : TRANSPORT CONTAINER WITH A PIVOTABLE SEPARATION DEVICE

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :B65D25/04         | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :202004009530.0    | <b>1)CONTEYOR MULTIBAG SYSTEMS N.V.</b>                 |
| (32) Priority Date                            | :16/06/2004        | Address of Applicant :BURGEMEESTR MAENHAUTSTRAAT 44, B- |
| (33) Name of priority country                 | :Germany           | 9820 MERELBEKE Belgium                                  |
| (86) International Application No             | :PCT/EP2005/052639 | (72)Name of Inventor :                                  |
| Filing Date                                   | :08/06/2005        | <b>1)BRIERS, GRETA</b>                                  |
| (87) International Publication No             | :WO 2005/123547    |                                                         |
| (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 transport container (1) which is used to transport or store unit loads. Said transport container comprises a base unit (2) and vertical walls (3) and the inner chamber of the transport container can be subdivided into at least two chambers (4) by means of at least one separating device (5). According to the invention, the at least one separating device (5) is connected to at least one inner surface of the transport container by means of a joint-like connection (6, 16, 26) in order to produce a transport container which can be used in a flexible manner, i.e. for the transportation of various unit loads which vary slightly in their shape, size and material properties. Said separating device (5) can be pivoted about the joint-like connection (6, 16, 26) in such a manner that the distribution of the container volume can vary in the chambers (4).



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(54) Title of the invention : HIGH ACTIVITY AND GOOD HYDROGEN RESPONSE ZIEGLER-NATTA POLYETHYLENE CATALYST

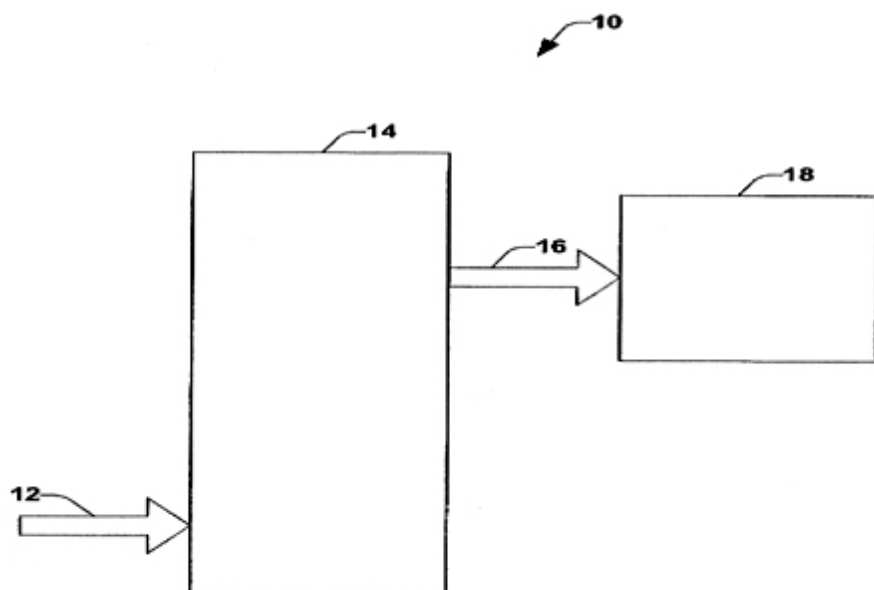
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|                                               |                       |                                                               |
|-----------------------------------------------|-----------------------|---------------------------------------------------------------|
| (51) International classification             | :C08F10/02,C08F10/00, | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :10/879,572           | <b>1)ENGELHARD CORPORATION</b>                                |
| (32) Priority Date                            | :28/06/2004           | Address of Applicant :101, WOOD AVENUE, P.O.BOX. 770, ISELIN, |
| (33) Name of priority country                 | :U.S.A.               | NJ 08830-0770 U.S.A.                                          |
| (86) International Application No             | :PCT/US2005/021890    | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :20/06/2005           | <b>1)ZHU, ZHIDONG</b>                                         |
| (87) International Publication No             | :WO 2006/012111       | <b>2)CHANG, MAIN</b>                                          |
| (61) Patent of Addition to Application Number | :NA                   | <b>3)AARONS, CHRISTOPHER</b>                                  |
| Filing Date                                   | :NA                   |                                                               |
| (62) Divisional to Application Number         | :NA                   |                                                               |
| Filing Date                                   | :NA                   |                                                               |

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## (57) Abstract :

Disclosed are catalyst systems and methods of making the catalyst systems/supports for the polymerization of polyethylene containing a solid titanium catalyst component containing a titanium compound and a support made from a magnesium compound, an alkyl silicate, and a monoester. The catalyst system may further contain an organoaluminum compound. Also disclosed are methods of making various types of polyethylene involving polymerizing ethylene in the presence of hydrogen and a catalyst system containing a support made from a magnesium compound, an alkyl silicate and a monoester.



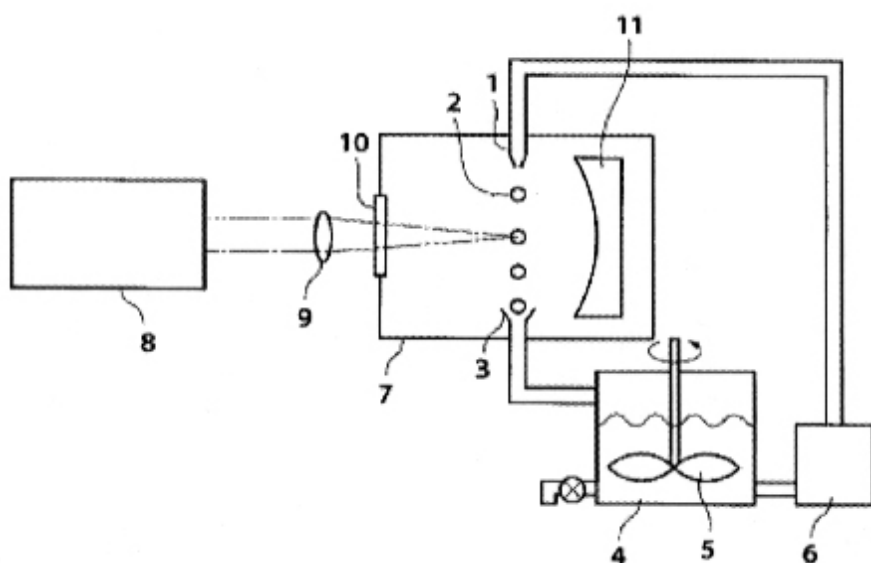
(54) Title of the invention : "EUV LIGHT SOURCE, EUV EXPOSURE EQUIPMENT AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD"

(51) International classification :G03F7/20  
 (31) Priority Document No :2004-186133  
 (32) Priority Date :24/06/2004  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2005/011865  
 Filing Date :22/06/2005  
 (87) International Publication No :WO 2006/001459  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)NIKON CORPORATION**  
 Address of Applicant :2-3, MARUNOUCHI 3-CHOME, CHIYODA-KU, TOKYO 100-8331 JAPAN Japan  
 (72)Name of Inventor :  
**1)MURAKAMI, KATSUHIKO**

(57) Abstract :

In a heated tank (4), a liquid having Sn solid fine particles dispersed in a resin is stored. The resin pressurized by a pressurizing pump is lead to a nozzle (1), and the resin in a liquid state is jetted from a leading edge of the nozzle (1) provided in a vacuum chamber (7). The liquid in a liquid state jetted from the nozzle (1) forms a spherical shape by surface tension, cooled in vacuum to be solidified, and becomes a solid target (2). The vacuum chamber (7) is provided with a laser introducing window (10) for introducing laser beams. The laser beams emitted from a laser light source (8) arranged outside the vacuum chamber (7) are collected by a lens (9), introduced into the vacuum chamber (7) to have the target in a plasma state, and EUV light is generated.



(54) Title of the invention : HYDROXYPHENYL CROSS-LINKED MACROMOLECULAR NETWORK AND APPLICATIONS THEREOF

(51) International classification :A61K9/10,C08L71/00,  
 (31) Priority Document No :60/586,585  
 (32) Priority Date :09/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/024391  
 Filing Date :08/07/2005  
 (87) International Publication No :WO 2006/010066  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

**1)THE CLEVELAND CLINIC FOUNDATION**

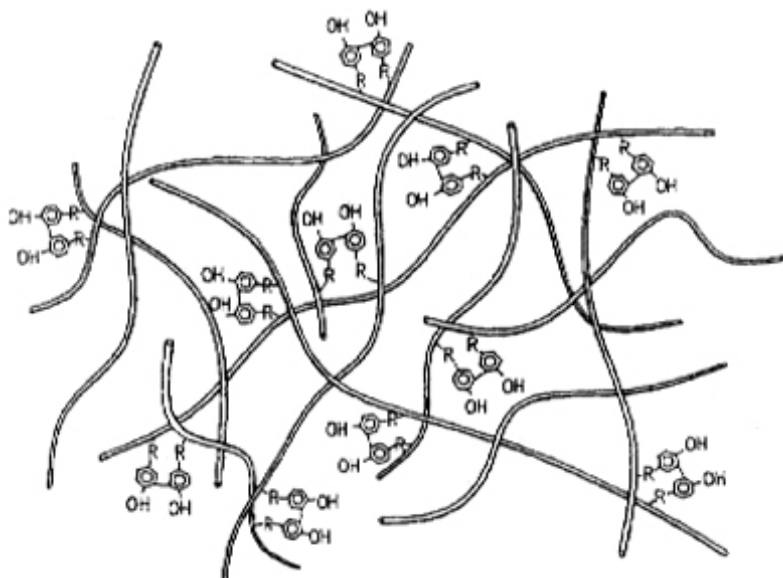
Address of Applicant :9500 EUCLID AVENUE, CLEVELAND, OHIO 44195,U.S.A., a U S COMPANY U.S.A.

## (72)Name of Inventor :

**1)ANTHONY CALABRO****2)LEE AKST****3)DANIEL ALAM****4)JAMES CHAN****5)ANIQ B. DARR****6)KIYOTAKA FUKAMACHI****7)RICHARD A. GROSS****8)DAVID HAYNES****9)KEIJI KAMOHARA****10)DANIEL P. KNOTT****11)HILEL LEWIS****12)ALEX MELAMUD****13)ANTHONY MINIACI****14)MARSHALL STROME**

## (57) Abstract :

A dihydroxyphenyl cross-linked macromolecular network is provided that is useful in artificial tissue and tissue engineering applications, particularly to provide a synthetic, implantable tissue matrix material for a wide variety of tissue types. In particular, artificial or synthetic cartilage, vocal cord material, vitreous material, soft tissue material and mitral valve material are described. In an embodiment, the network is composed of tyramine-substituted and cross-linked hyaluronan molecules, wherein cross-linking is achieved via peroxidase-mediated dityramine-linkages that can be performed in vivo. The dityramine bonds provide a stable, coherent hyaluronan-based hydrogel with desired physical properties.



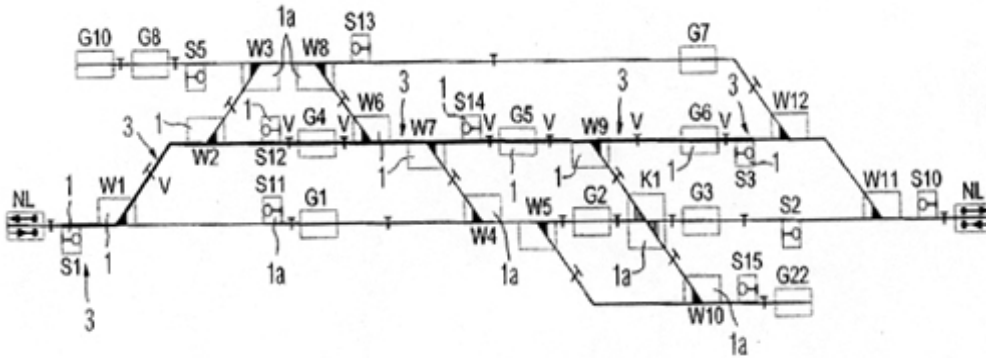
(54) Title of the invention : METHOD FOR PLANNING ROUTES FOR SIGNAL BOXES

(51) International classification :B61L21/00  
 (31) Priority Document No :102004031910.3  
 (32) Priority Date :24/06/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/DE2005/001072  
 Filing Date :10/06/2005  
 (87) International Publication No :WO 2006/000182  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333  
 MUNCHEN, Germany  
 (72)**Name of Inventor :**  
**1)UWE ECKERT**  
**2)ANDREAS KEUNE**  
**3)FRANK REITER**

(57) Abstract :

The invention relates to a method for planning routes (3) for signal boxes, in which the topology of the signal box is captured as a graphic representation and at least the routes (3) and the flank protection are established and edited, with at least individual routes (3) being selected for editing in each case. In order to make the planning method faster and less costly to implement, it is proposed that a computer-controlled graphical interface be provided in which the topology is composed of specially provided route elements (1). The computer uses the functionally connected route elements (1) to establish routes (3) and flank protection, and places the data relating to them in a file. The computer can construct more routes (3) if the starting points and destinations are specified. At least one selected route (3) with its flank protection is visually highlighted on the graphical interface and is graphically edited, and the changes are stored in the file. After the editing process, the updated file is used to create the interlocking table.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.32/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : GUANIDINO ACETIC ACID USED AS AN ANIMAL FOOD ADDITIVE

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :A23K1/16          | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :102004028193.9    | <b>1)DEGUSSA AG</b>                                      |
| (32) Priority Date                            | :09/06/2004        | Address of Applicant :DR. ALBERT-FRANK-STRASSE 32, 83308 |
| (33) Name of priority country                 | :Germany           | TROSBERG, Germany                                        |
| (86) International Application No             | :PCT/EP2005/006110 | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :07/06/2005        | <b>1)GASTNER, THOMAS</b>                                 |
| (87) International Publication No             | :WO 2005/120246    | <b>2)KRIMMER HANS-PETER</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 the use of guanidino acetic acid and/or salts thereof as additive, in predominantly vegetarian diets, in particular use being made of salts with hydrochloric acid, hydrobromic acid and phosphoric acid. The use proceeds especially in individual doses from 0.01 to 100 g/kg of feed in the form of powders, granules, pastilles or capsules, the feed additive also being able to be used in combination with other physiologically active materials of value. The claimed use which is suitable especially for breeding and growing livestock, has recourse to a compound which is in particular stable in aqueous solution, can be converted to creatine under physiological conditions, and, in contrast to other guanidine derivatives, is completely available to physiological sectors of use.

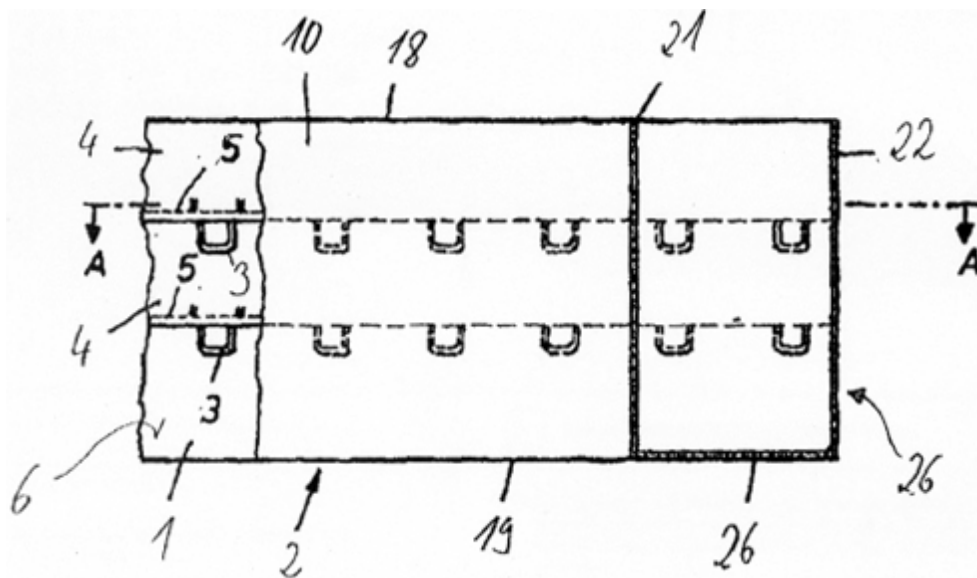
(54) Title of the invention : FASTENING ELEMENT FOR END AREAS OF GARMENTS TO BE FASTENED TO ONE ANOTHER

(51) International classification :A44B 13/00  
 (31) Priority Document No :102004034599.6  
 (32) Priority Date :16/07/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/CH2005/000399  
 Filing Date :12/07/2005  
 (87) International Publication No :WO 2006/007748  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)BRERO & CO. AG**  
 Address of Applicant :ALLEESTRASSE 25, CH-2503 BIEL,  
 SWITZERLAND Switzerland  
 (72)Name of Inventor :  
**1)SENN, HERBERT**

## (57) Abstract :

The invention relates to a fastening element for an end area of a first strap of an item of corsetry, particularly of women's undergarments, which is to be fastened to a second strap of the item of corsetry and which has an number of strap plies of which at least one strap ply has a fastening part such as at least one hook, one eye or the like. The aim of the invention is to improve the comfort of wear. To this end, the invention provides that, for a fastening element of this type, a padding for improving the comfort of wear is provided between two strap plies. This padding is attached to at least one of the strap plies by joining it near the lateral edges of the fastening element. When the fastening element is in use, the fastening is located, at least in part, between strap plies of the fastening element.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : MAGNETIC PROPULSION MOTOR

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :H02K21/00         | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :60/584,298        | <b>1)FUTURE FORCE, LLC.</b>                               |
| (32) Priority Date                            | :30/06/2004        | Address of Applicant :14636, LAKE DRIVE NE, LAKEVILLE, MN |
| (33) Name of priority country                 | :U.S.A.            | 55044, U.S.A.                                             |
| (86) International Application No             | :PCT/US2005/023704 | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :30/06/2005        | <b>1)TKADLEC, MIKE</b>                                    |
| (87) International Publication No             | :WO 2006/005041    |                                                           |
| (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 magnetic propulsion motor comprising a magnetic drive assembly comprising a drive magnet, a rotating hub, and a motion magnet attached to the rotating hub to rotate the motion magnet proximate to the magnetic drive assembly. A driving force is applied to the magnetic drive assembly, which causes the drive magnet to rotate to a position proximal to the motion magnet when the motion magnet is in a position proximate to the magnetic drive assembly. This arrangement exerts a repelling force on the motion magnet from the drive magnet as the motion magnet rotates away from the magnetic drive assembly. The rotation of the drive magnet also rotates the drive magnet to a position distal to the motion magnet as the motion magnet approaches the position proximate to the magnet drive assembly thereby minimizes the repelling force exerted on the motion magnet from the drive magnet as the motion magnet rotates towards the magnetic drive assembly.

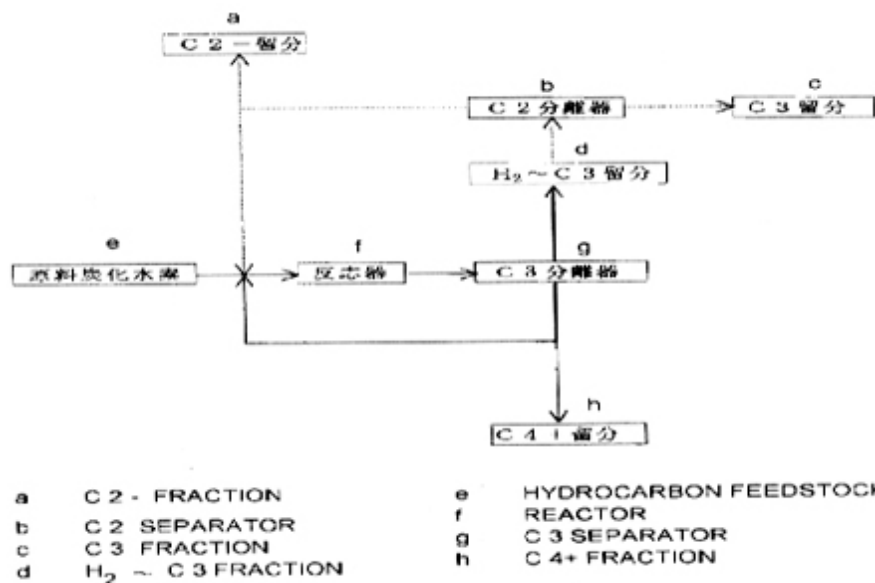


(54) Title of the invention : PROCESS FOR PRODUCING ETHYLENE AND PROPYLENE

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :C07C 11/06        | (71)Name of Applicant :                                  |
| (31) Priority Document No                     | :2004-209654       | <b>1)ASAHI KASEI CHEMICALS CORPORATION,</b>              |
| (32) Priority Date                            | :16/07/2004        | Address of Applicant :1-2, YURAKU-CHO, 1-CHOME, CHIYODA- |
| (33) Name of priority country                 | :Japan             | KU, TOKYO Japan                                          |
| (86) International Application No             | :PCT/JP2005/013128 | (72)Name of Inventor :                                   |
| Filing Date                                   | :15/07/2005        | <b>1)TAKASHI TSUNODA</b>                                 |
| (87) International Publication No             | :WO 2006/009099    | <b>2)MITSUHIRO SEKIGUCHI</b>                             |
| (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 efficiently and stably producing ethylene and propylene which comprises bringing a hydrocarbon feedstock comprising at least one C4-12 olefin into contact with a zeolite-containing catalyst to obtain a reaction mixture containing ethylene and propylene, separating the reaction mixture into a fraction comprising ingredients ranging from hydrogen to C3 hydrocarbons and a fraction comprising C4 and higher hydrocarbons, and recycling the C4 and higher hydrocarbons as they are to a reactor.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : PROCESS FOR FORMING BRANCHED COMPOSITION CATALYTICALLY BY CARBON-HYDROGEN BOND ACTIVATION IN A SATURATED MOIETY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 333/08       |
| (31) Priority Document No                     | :10/862,758        |
| (32) Priority Date                            | :07/06/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/EP2005/052562 |
| Filing Date                                   | :03/06/2005        |
| (87) International Publication No             | :WO 2005/121063    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)AKZO NOBEL N.V.**  
Address of Applicant :VELPERWEG 76, NL-6824, BM ARNHEM,  
Netherlands  
(72)**Name of Inventor :**  
**1)ZHANG, ZONGCHAO**  
**2)SUN, XIAOLEI**

(57) Abstract :

A branched composition can be formed by reacting a reagent containing a saturated hydrocarbon moiety in the presence of (a) a catalyst capable of activating a carbon-hydrogen bond therein and (b) a branching reagent having a moiety that binds to the carbon atom in the carbon-hydrogen bond upon extraction of the hydrogen atom from that carbon-hydrogen bond. Suitable catalysts are those that comprise a transition metal cation possessing multiple oxidation states that is embedded in an anion that is a transition metal oxide possessing a higher oxidation state for the metal therein than the metal in the cation.

(54) Title of the invention : METHOD FOR PROTECTING INCOMING CALLS IN PERSONALIZED RING BACK TONE SERVICE"

(51) International classification :H04Q7/00  
 (31) Priority Document No :NA  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :PCT/CN2004/000661  
 Filing Date :22/06/2004  
 (87) International Publication No :WO 2005/125222  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)ZTE CORPORATION**

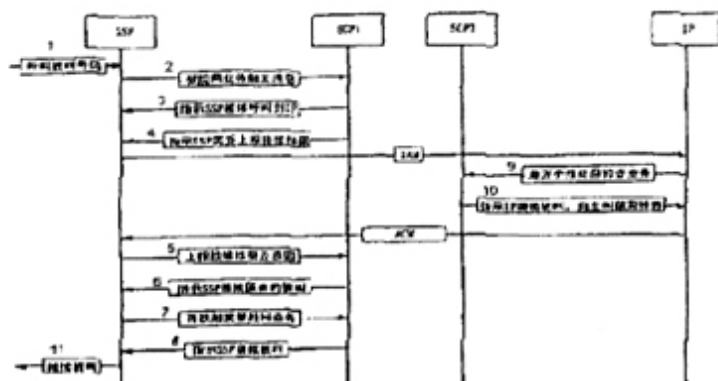
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH,  
 INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN,  
 GUANGDONG PROVINCE 518057, China

(72)Name of Inventor :

**1)LIU, HAIJUN****2)SUN, JIN**

(57) Abstract :

A method for protecting incoming calls in coloring ring back tone service, wherein comprising: the service switching point device sends a message for triggering intelligent networks service to the service control point device; the service control point device instructs the service switching point device to connect the call to the intelligent peripheral; the service control point device reports the connect result and reason to the service control point device ; the service control point device analyzes the connect result as well as its reason, if there is a need to protect the call, the service control point device will instruct the service switching point device to connect the called number directly; again, the service switching point device sends a message for triggering intelligent network service to the service control point device; the service control point device sends down the continue message, and the service switching point device will connect the called number. The present invention improves the coloring ring back tone service logic, thereby preventing the service control point device from releasing the call upon receiving a message of call failure, and improving the call completing rate during utilizing coloring ring back tone service.



1 CALLING THE CALLED NUMBER  
 2 MESSAGE FOR TRIGGERING INTELLIGENT NETWORK SERVICE  
 3 INSTRUCTING SSP TO CONNECT THE CALL TO THE IP  
 4 INDICATING SSP TO REPORT THE CONNECT RESULT  
 5 REPORTING THE CONNECT RESULT AND REASON THEREFOR  
 6 INSTRUCTING SSP TO CONNECT THE ORIGINAL CALLED NUMBER  
 7 TRIGGERING THE INTELLIGENT NETWORKS SERVICE AGAIN  
 8 INSTRUCTING THE SSP TO CONNECT THE CALLED NUMBER  
 9 TRIGGERING THE PERSONALIZED RING BACK TONE SERVICE  
 10 INSTRUCTING IP TO CONNECT THE CALLED NUMBER AND PLAYING THE PERSONALIZED RING BACK TONE TO THE CALLER  
 11 CONNECTING THE CALLED NUMBER

(12) PATENT APPLICATION PUBLICATION

(21) Application No.38/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMMUNOSTIMULATORY OLIGONUCLEOTIDE MULTIMERS

|                                               |                                       |                                                                                                                                                               |
|-----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K8/30;<br>A61K48/00;<br>C07H21/00 | (71) <b>Name of Applicant :</b><br><b>1)IDERA PHARMACEUTICALS, INC.</b><br>Address of Applicant :345 VASSAR STREET, CAMBRIDGE,<br>MASSACHUSETTS 02139, U.S.A. |
| (31) Priority Document No                     | :60/579,985                           | (72) <b>Name of Inventor :</b>                                                                                                                                |
| (32) Priority Date                            | :15/06/2004                           | <b>1)AGRAWAL SUDHIR</b>                                                                                                                                       |
| (33) Name of priority country                 | :U.S.A.                               | <b>2)KANDIMALLA EKAMBAR</b>                                                                                                                                   |
| (86) International Application No             | :PCT/US2005/020911                    | <b>3)YU DONG</b>                                                                                                                                              |
| Filing Date                                   | :15/06/2005                           |                                                                                                                                                               |
| (87) International Publication No             | :WO 2006/002038                       |                                                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA                                   |                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                               |
| (62) Divisional to Application Number         | :NA                                   |                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                               |

(57) Abstract :

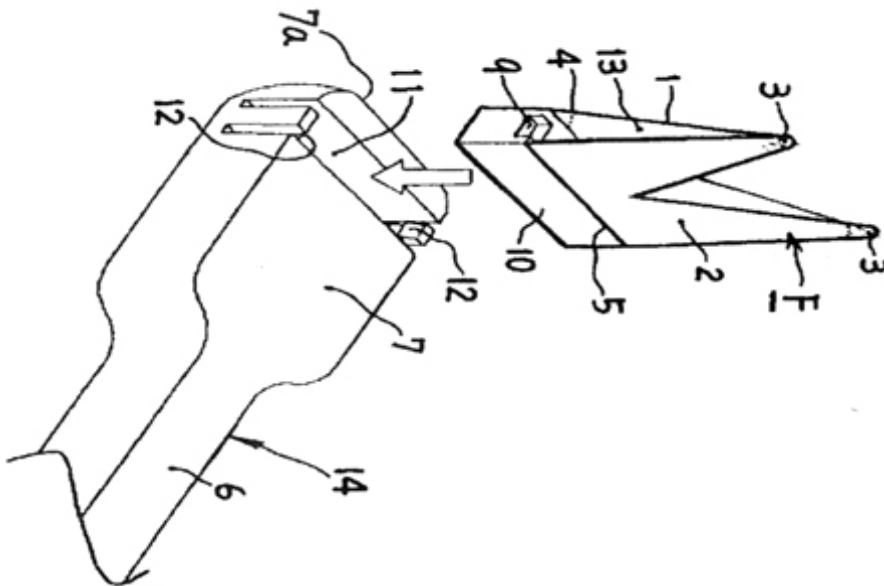
The invention provides an immunostimulatory nucleic acid. In certain embodiments according to this aspect of the invention, the sequence of the immunostimulatory oligonucleotide and/or immunomer is at least partially self-complementary.

(54) Title of the invention : "CLEANING-FIN FOR REMOVING DIRT IN A GAP AND CLEANING-TOOL"

|                                               |                                        |                                                                                                                                                 |
|-----------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61C15/00;<br>A46B15/00;<br>A61C15/02 | (71) <b>Name of Applicant :</b><br><b>1)HIRAI, KAZUTOSHI</b><br>Address of Applicant :4-26-4-202, KITASUNA, KOHTOH-KU,<br>TOKYO, 1360073, Japan |
| (31) Priority Document No                     | :2004-219514                           | (72) <b>Name of Inventor :</b><br><b>1)HIRAI, KAZUTOSHI</b>                                                                                     |
| (32) Priority Date                            | :28/07/2004                            |                                                                                                                                                 |
| (33) Name of priority country                 | :Japan                                 |                                                                                                                                                 |
| (86) International Application No             | :PCT/JP2005/007208                     |                                                                                                                                                 |
| Filing Date                                   | :14/04/2005                            |                                                                                                                                                 |
| (87) International Publication No             | :WO 2006/011272                        |                                                                                                                                                 |
| (61) Patent of Addition to Application Number | :NA                                    |                                                                                                                                                 |
| Filing Date                                   | :NA                                    |                                                                                                                                                 |
| (62) Divisional to Application Number         | :NA                                    |                                                                                                                                                 |
| Filing Date                                   | :NA                                    |                                                                                                                                                 |

## (57) Abstract :

A cleaning-fin (F) for removing dirt in a gap, is formed by a flexible-elastic material, and is fixed in a head (7) of an operation tool (14). The cleaning-fin (F) comprises at least a spatulate apical portion (3), a pair of bottom portions (4,5) fixed in the head (7) having therebetween an interval, and a pair of side walls (1,2) connecting the spatulate apical portion (3) and each of the bottom portions (4,5). The pair of side walls (1,2) form therebetween a hollow triangle (13) becoming narrower toward the spatulate apical portion (3).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR METATHESIS OF COMPOUNDS COMPRISING AN OLEFINIC DOUBLE BOND, IN PARTICULAR OLEFINS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C 11/06        |
| (31) Priority Document No                     | :04/07,396         |
| (32) Priority Date                            | :02/07/2004        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2005/001692 |
| Filing Date                                   | :01/07/2005        |
| (87) International Publication No             | :WO 2006/013263    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)CPE LYON FORMATION CONTINUE ET RECHERCHE-CPE LYON FCR**

Address of Applicant :43 BOULEVARD DU 11 NOVEMBRE 1918, F-69100 VILLEURBANNE, FRANCE France

(72)Name of Inventor :

**1)BASSET, JEAN-MARIE**

**2)THIVOLLE-CAZAT, JEAN**

**3)TAOUFIK, MOSTAFA**

**4)LE ROUX, ERWAN**

**5)COPERET, CHRISTOPHE**

(57) Abstract :

The invention relates to a method for metathesis of one of several reagents comprising a linear or branched hydrocarbon chain containing a double olefinic bond  $Csp^2 = Csp^2$  consisting in reacting said reagent or reagents with an supported metal compound comprising an aluminium oxide-based support to which a tungsten hydride is grafted. Typically, each said reagent or reagents comprises from 2 to 30 carbon atoms. The reagent can be embodied in the form of olefin. The inventive method can be used, for example for producing propylene from ethylene and butane.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.40/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :03/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : "ADHESION PROMOTER FOR PLASTICS."

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :C09D5/00          | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :60/577,307        | <b>1)AKZO NOBEL COATINGS INTERNATIONAL B.V.</b>         |
| (32) Priority Date                            | :05/06/2004        | Address of Applicant :VELPERWEG 76, NL-6824, BM ARNHEM, |
| (33) Name of priority country                 | :U.S.A.            | Netherlands                                             |
| (86) International Application No             | :PCT/EP2005/052569 | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :03/06/2005        | <b>1)WALTHER, INGRID FREIDA MARTHA</b>                  |
| (87) International Publication No             | :WO 2005/121259    | <b>2)SWIFT, LAVONNE WYNETTE</b>                         |
| (61) Patent of Addition to Application Number | :NA                | <b>3)PRICE, LATOSKA NIKITA</b>                          |
| Filing Date                                   | :NA                |                                                         |
| (62) Divisional to Application Number         | :NA                |                                                         |
| Filing Date                                   | :NA                |                                                         |

(57) Abstract :

A coating composition for coating plastic substrates is disclosed which comprises at least one hydroxyl-functional film forming polymer, at least one polyisocyanate compound; and a novel adhesion promoter additive. The adhesion promoter additive comprises (A) at least one modified polyolefin; and (B) at least one component selected from the group consisting of mono-hydric alcohols, epoxy- functional silanes, and mixtures thereof. The invention also relates to coated plastic substrates and method of coating such substrates.

(54) Title of the invention : "MULTI -TEMPERATURE COOLING SYSTEM WITH UNLOADING"

(51) International classification :F25B 41/00, F25B 5/0  
 (31) Priority Document No :10/940,235  
 (32) Priority Date :13/09/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/032048  
 Filing Date :07/09/2005  
 (87) International Publication No :WO 2006/031616  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)CARRIER CORPORATION**

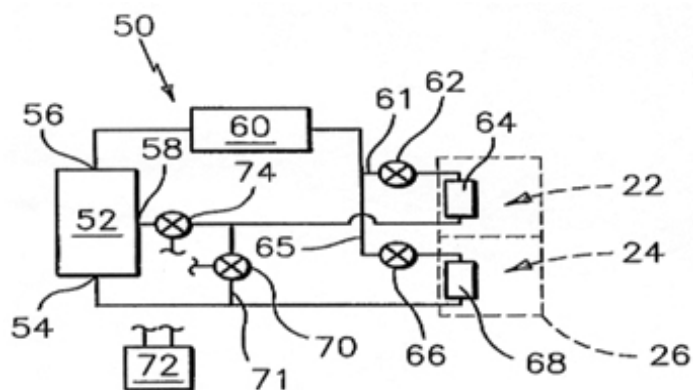
Address of Applicant :1 CARRIER PLACE, FARMINGTON, CT 06034-4015 U.S.A.

(72)Name of Inventor :

**1)LIFSON ALEXANDER****2)BUSH JAMES W**

(57) Abstract :

A compressor has an inlet, an outlet, and at least an intermediate first port therebetween. A condenser is coupled to the compressor to receive refrigerant. First and second evaporators are coupled to the condenser to receive refrigerant. Conduits define a return flowpath from the first evaporator to the compressor inlet and a second return flowpath from the second evaporator to the intermediate port. A bypass conduit extends between a first location between the first evaporator and the compressor inlet and a second location between the second evaporator and the first port.





(54) Title of the invention : INDOLIZINE CARBOXAMIDES AND THE AZA AND DIAZA DERIVATIVES THEREOF

(51) International classification

:C07D471/04;

A61K31/496

(31) Priority Document No

:102004037445.7

(32) Priority Date

:02/08/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/008240

Filing Date

:29/07/2005

(87) International Publication No

:WO 2006/015737

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

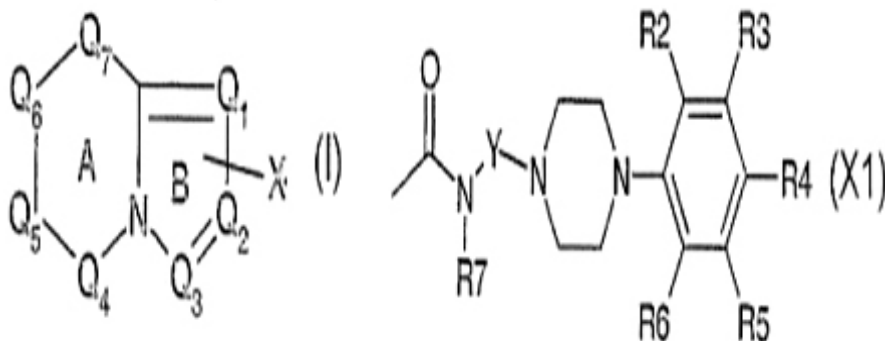
**1)SCHWARZ PHARMA AG**Address of Applicant :ALFRED-NOBEL-STRASSE 10, 40789  
MONHEIM Germany

(72)Name of Inventor :

**1)GMEINER, PETER****2)HUBNER, HARALD****3)BETTINETTI, LAURA****4)SCHLOTTER, KARIN**

(57) Abstract :

The present invention concerns neuroreceptor-active carboxamide-substituted indolizine derivatives of general formula I wherein X represents a group of general formula X1



(54) Title of the invention : AZAINDOLE CARBOXAMIDES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 471/04       |
| (31) Priority Document No                     | :10 2004 054 634.7 |
| (32) Priority Date                            | :12/11/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/012127 |
| Filing Date                                   | :11/11/2005        |
| (87) International Publication No             | :WO 2006/050976    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

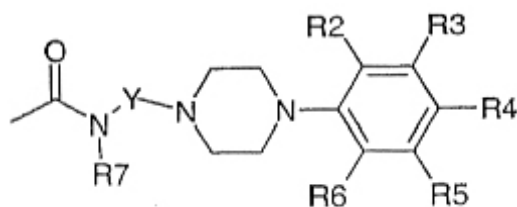
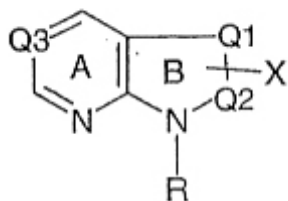
**1)SCHWARZ PHARMA AG**Address of Applicant :ALFRED-NOBEL-STRASSE 10, 40789,  
MONHEIM Germany

(72)Name of Inventor :

**1)GMEINER, PETER****2)SCHLOTTER, KARIN****3)HUBNER, HARALD****4)SCHMIDT, DIRK****5)BUCHHOLZ, MONIKA**

(57) Abstract :

The invention relates to azaindole derivatives of general formula (I), wherein X represents a group of general formula (X1). Said compounds have a therapeutic potential in the treatment of diseases that are accompanied by an impaired dopamine metabolism and/or abnormal serotonin-5-HT<sub>1a</sub> signal transmission.

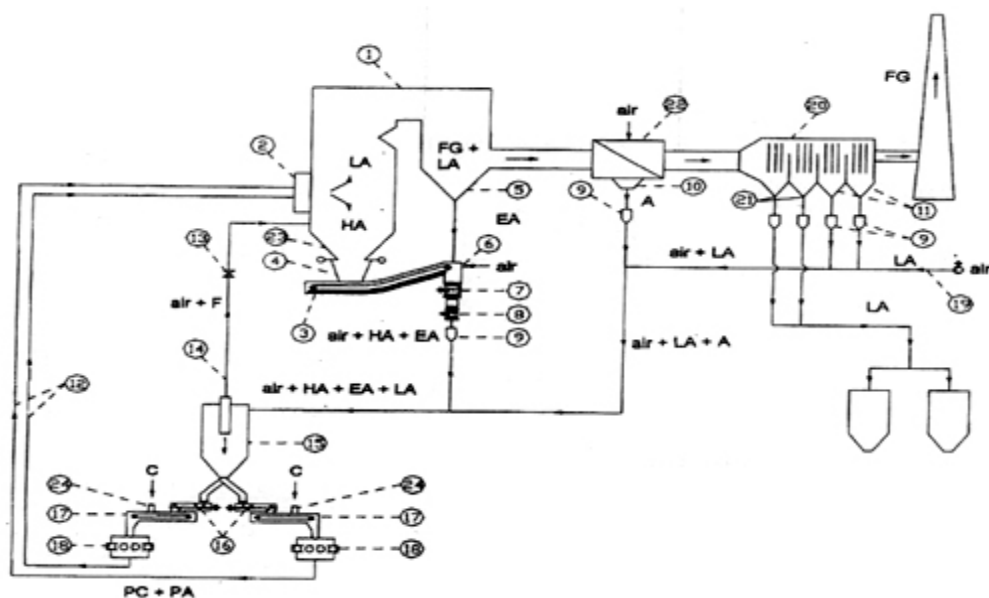


(54) Title of the invention : INTEGRATED SYSTEM FOR THE EXTRACTION OF HEAVY ASH, CONVERSION THEREOF INTO LIGHT ASH AND REDUCTION OF UNBURNT MATTER

|                                               |                               |                                                            |
|-----------------------------------------------|-------------------------------|------------------------------------------------------------|
| (51) International classification             | :F23C9/06; F23J1/02; F23J3/06 | (71)Name of Applicant :<br><b>1)MAGALDI POWER S.P.A.</b>   |
| (31) Priority Document No                     | :MI2004A001371                | Address of Applicant :VIA IRNO 2216, I-84135 SALERNO Italy |
| (32) Priority Date                            | :09/07/2004                   | (72)Name of Inventor :                                     |
| (33) Name of priority country                 | :Italy                        | <b>1)MAGALDI, MARIO</b>                                    |
| (86) International Application No             | :PCT/EP2005/007536            | <b>2)SORRENTI, ROCCO</b>                                   |
| Filing Date                                   | :08/07/2005                   |                                                            |
| (87) International Publication No             | :WO 2006/005574               |                                                            |
| (61) Patent of Addition to Application Number | :NA                           |                                                            |
| Filing Date                                   | :NA                           |                                                            |
| (62) Divisional to Application Number         | :NA                           |                                                            |
| Filing Date                                   | :NA                           |                                                            |

(57) Abstract :

The present invention is about a process for treating all the ashes produced by a coal dust boiler (1), able to reduce the total unburnt matter content, to increase the combustion efficiency of the boiler (1), and to have the light ashes as the only waste arising from the coal combustion. In particular, said process provides for the extraction of the heavy ashes (4) from the boiler bottom (23), the ashes coming from the hoppers of the economizers (5) and the fraction of light ash richer of unburnt matter coming from the filters (11) used to collect the dust from the flue gas; said ashes are mixed in a silo (15), proportioned and transferred in one or more feeders (17) of the coal mills (18), and reintroduced in the boiler (1) after being mixed with the coal through the burners (2).



## (54) Title of the invention : SCISSORS WITH SLIDE CUTTING

(51) International classification :B26B13/26;  
A01G3/02;  
A61B17/32  
(31) Priority Document No :FI2004A000178  
(32) Priority Date :06/08/2004  
(33) Name of priority country :Italy  
(86) International Application No :PCT/IT2005/000452  
Filing Date :28/07/2005  
(87) International Publication No :WO 2006/013606  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

## (71)Name of Applicant :

1)TELLINI, LUIGI

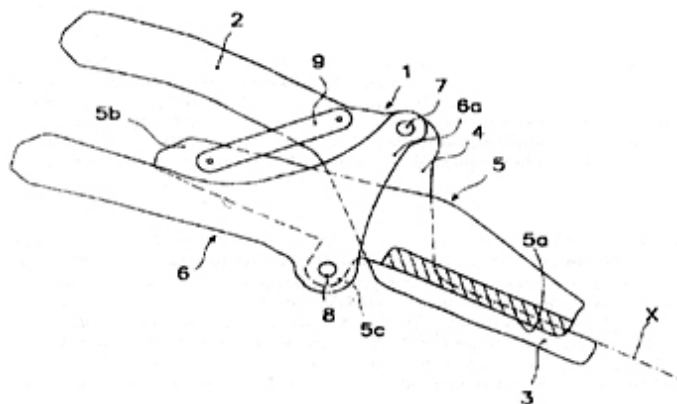
Address of Applicant :VIA RIGUTINO NORD, 160, I-52100  
AREZZO. Italy

## (72)Name of Inventor :

1)TELLINI, LUIGI

## (57) Abstract :

Scissors comprising a stem (1) integrally defining a stationary blade (3) and a stationary handle (2), a truncated handle (6) pivotally connected to the stem (1) around a first rotation pin (7), and a movable blade (5) fractured in relation to the truncated handle (6), the assembly of the movable blade (5) and the truncated handle (6) crossing and overlapping with the stem (1), a cutting line (X) being defined by the line along which the cutting is completed in the closure position of the movable blade (6). According to the invention, the first rotation pin (7) is off-centered in relation to the cutting line, on the side of the movable blade (5), and the movable blade (5) is supported by the truncated handle (6) and by the stem (1) in at least two points via respective purely pivotal connections. Articulated control means (9) are connected to said movable blade (5) in correspondence to at least one of said points, for controlling the movement of said movable blade in response to mutual closure between said stationary handle (2) and said truncated handle (6).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.46/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :04/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : STABLE DOSAGE FORM OF PHENYLALANINE DERIVATIVES

|                                               |                                         |                                                                                                                           |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/18;<br>A61K31/495;<br>A61K47/10 | (71) <b>Name of Applicant :</b><br><b>1)WILEX AG</b><br>Address of Applicant :GRILLPARZERSTR 10, 81675 MUNCHEN<br>Germany |
| (31) Priority Document No                     | :10 2004 045 720.4                      | (72) <b>Name of Inventor :</b>                                                                                            |
| (32) Priority Date                            | :21/09/2004                             | <b>1)SCHMALIX, WOLFGANG</b>                                                                                               |
| (33) Name of priority country                 | :Germany                                | <b>2)BURGLE, MARKUS</b>                                                                                                   |
| (86) International Application No             | :PCT/EP2005/010143                      | <b>3)KOCH, KLAUS</b>                                                                                                      |
| Filing Date                                   | :20/09/2005                             |                                                                                                                           |
| (87) International Publication No             | :WO 2006/032461                         |                                                                                                                           |
| (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 improved and stable pharmaceutical formulations of phenylalanine derivatives and the use thereof as urokinase inhibitors, particularly for the treatment of malignant tumors and tumoral metastases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.47/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :04/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : IMPROVED ADJUVANT THERAPY OF G250-EXPRESSING TUMORS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K39/395        |
| (31) Priority Document No                     | :60/584,679        |
| (32) Priority Date                            | :02/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/EP2005/006994 |
| Filing Date                                   | :29/06/2005        |
| (87) International Publication No             | :WO 2006/002889    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**

**1)WILEX AG**

Address of Applicant :GRILLPARZERSTR. 16, 81675 MUNCHEN  
Germany

(72)**Name of Inventor :**

**1)WILHELM OLAF**

**2)WARNAAR, SVEN**

(57) Abstract :

The invention relates to a method for the treatment of G250-antigen-expressing tumors, in particular renal clear cell carcinoma comprising the administration of G250-antigen-specific antibodies to high-risk patients diagnosed with non-metastasising disease.

(54) Title of the invention : INHALER FOR THE ADMINISTRATION OF POWDERED PHARMACEUTICALS AND A POWDER CARTRIDGE SYSTEM FOR USE WITH THIS INHALER

(51) International classification :A61M 15/00  
 (31) Priority Document No :60/588,382  
 (32) Priority Date :16/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/EP2005/007525  
 Filing Date :12/07/2005  
 (87) International Publication No :WO 2006/008027  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)LABORATORIOS ALMIRALL, S.A.**

Address of Applicant :RONDA DEL GENERAL MITRE 151 08022-BERCELONA Spain

(72)Name of Inventor :

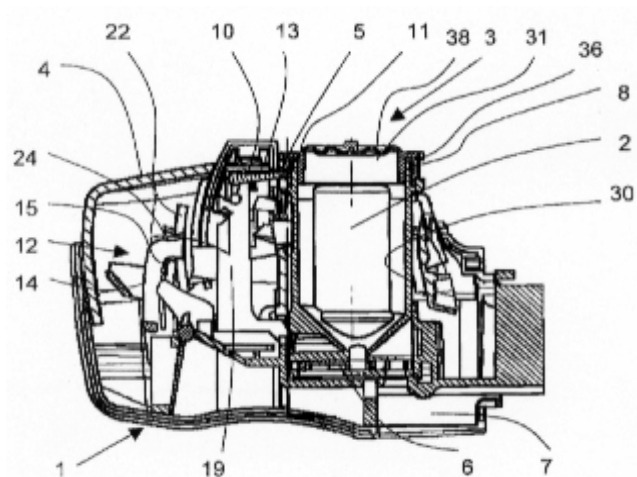
**1)HERDER, MARTIN**

**2)METT, INGO**

**3)GOEDE, JOACHIM**

(57) Abstract :

In order to improve the security and reliability of administration of powdered Pharmaceuticals through dry powder inhalers, the invention proposes an inhaler (1) for powdered medicaments, comprising an activating device (4) for manual engagement by the patient for repeatedly metering a dose of medicament to be administered to the patient, and further comprising an advancing mechanism (25) for advancing a counter or indexing means (8) each time the activating device (4) has been engaged by the patient so that a dose of medicament has been released for administration to the patient, wherein the counter or indexing means (8) comprises an index (9), the index (9)being detectable by a detection means (10) of the inhaler, and the detection means (10)being coupled to a locking mechanism (12) the locking mechanism (12) blocking the activating device (4) and/or any transportation mechanism (5) of the inhaler (1) delayed by a predetermined number of metering cycles since detection of the index (9), and a cartridge (3).



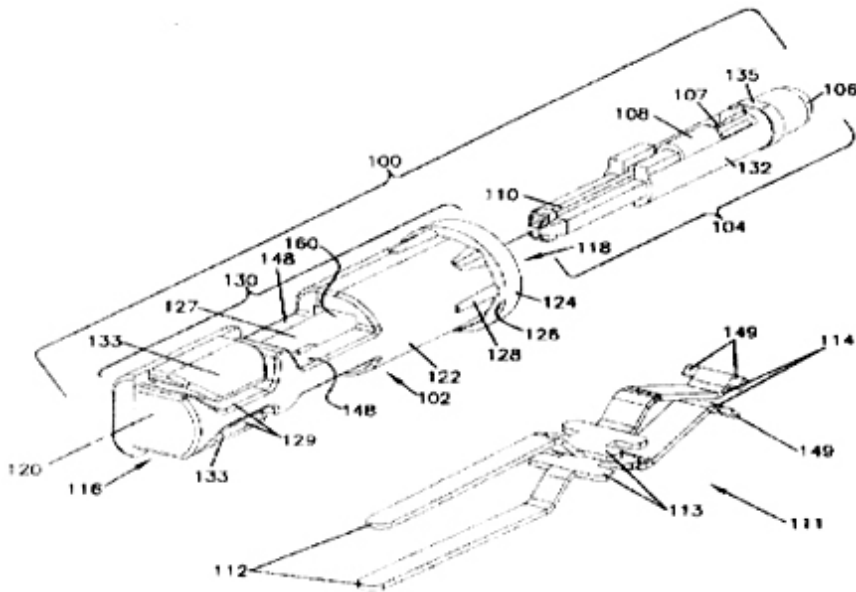
(54) Title of the invention : PRESS-IN PLACE LED FOR A DIGITAL SWITCHING CROSS-CONNECT MODULE

(51) International classification :H04Q1/14  
 (31) Priority Document No :10/879,893  
 (32) Priority Date :21/06/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/021832  
 Filing Date :17/06/2005  
 (87) International Publication No :WO 2006/002110  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)ADC TELECOMMUNICATIONS, INC.**  
 Address of Applicant :13625 TECHNOLOGY DRIVE, EDEN  
 PRAIRIE, MINNESOTA 55344-2252 U.S.A.  
 (72)**Name of Inventor :**  
**1)PETERSEN, CYLE D.**

## (57) Abstract :

A tracer lamp unit (100) for use with a DSX system is disclosed herein. The tracer lamp unit includes an elongate housing (102) with a generally rounded cross section wherein the housing is configured to be secured within an opening defined by a piece of telecommunications equipment and held within with a press-fit, wherein the housing provides structural support for a lighting arrangement (104) including a lens (106), a capacitor (107), a resistor (108), leads (110), and a flashing control circuitry, the housing further providing structural support for spring members (111) including tail portions (112) and electrical contact portions (114), wherein the electrical contact portions engage the leads to provide an electrical connection therebetween. In another embodiment, the tracer lamp unit comprises an LED flashing module that houses a lens, a capacitor, a resistor, leads, and a flashing control circuitry, wherein the tracer lamp unit housing is adapted to slidably receive, provide structural support for, and be separable from the LED flashing module.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.5/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :02/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR CONVERTING ETHYLENE INTO PROPYLENE

|                                               |                    |                                                            |
|-----------------------------------------------|--------------------|------------------------------------------------------------|
| (51) International classification             | :C07C 6/04         | (71) <b>Name of Applicant :</b>                            |
| (31) Priority Document No                     | :04/07,395         | <b>1)CPE LYON FORMATION CONTINUE ET RECHERCHE-CPE</b>      |
| (32) Priority Date                            | :02/07/2004        | <b>LYON FCR</b>                                            |
| (33) Name of priority country                 | :France            | Address of Applicant :43 BOULEVARD DU 11 NOVEMBRE 1981, F- |
| (86) International Application No             | :PCT/FR2005/001621 | 69100 VILLEURBANNE FRANCE France                           |
| Filing Date                                   | :27/06/2005        | (72) <b>Name of Inventor :</b>                             |
| (87) International Publication No             | :WO 2006/013251    | <b>1)COPERET, CHRISTOPHE</b>                               |
| (61) Patent of Addition to Application Number | :NA                | <b>2)BASSET, JEAN-MARIE</b>                                |
| Filing Date                                   | :NA                | <b>3)THIVOLLE-CAZAT, JEAN</b>                              |
| (62) Divisional to Application Number         | :NA                | <b>4)LE ROUX, ERWAN</b>                                    |
| Filing Date                                   | :NA                | <b>5)TAOUFIK, MOSTAFA</b>                                  |

(57) Abstract :

The invention relates to a method for converting ethylene into propylene consisting in reacting said ethylene with a supported metal compound comprising an aluminium oxide based support to which a tungsten hydride is grafted. Said reaction is carried out at a temperature ranging from 20 to 600°C, preferably between 50 and 350°C, at an absolute pressure ranging from 0.01 to 8 Mpa, preferably between 0.01 and 1 Mpa. A catalyst is regeneratable by introducing hydrogen at a temperature of 50-300°C.

(54) Title of the invention : LONG FRAME HIGH DENSITY PATCHING SYSTEM

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :H01R 13/518, H01R 13 |
| (31) Priority Document No                     | :10/894,866           |
| (32) Priority Date                            | :20/07/2004           |
| (33) Name of priority country                 | :U.S.A.               |
| (86) International Application No             | :PCT/US2005/025819    |
| Filing Date                                   | :20/07/2005           |
| (87) International Publication No             | :WO 2006/083321       |
| (61) Patent of Addition to Application Number | :NA                   |
| Filing Date                                   | :NA                   |
| (62) Divisional to Application Number         | :NA                   |
| Filing Date                                   | :NA                   |

(71)Name of Applicant :

**1)ADC TELECOMMUNICATIONS, INC.**

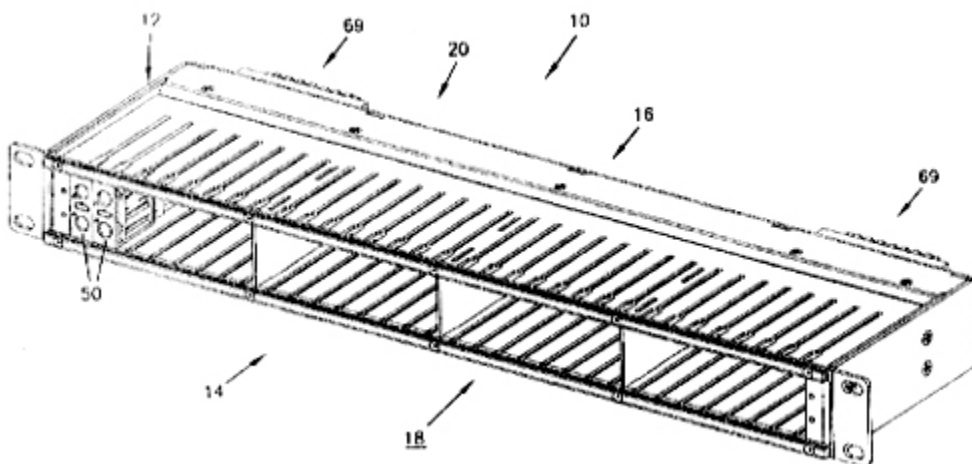
Address of Applicant :13625 TECHNOLOGY DRIVE, EDEN PRAIRIE, MINNESOTA 55344-2252 U.S.A.

(72)Name of Inventor :

**1)BAKER, SCOTT K.****2)MUSOLF, BRUCE R.****3)DEWEY, JAMES D.****4)PETERS, JEFFREY LOUIS****5)GOOD, THOMAS**

(57) Abstract :

A patching system is disclosed herein. The patching system includes a plurality of front-loaded patching modules positionable within a chassis. Each of the patching modules includes first and second longframe jack assemblies and a switch for changing the circuit configurations of the patching module. The patching modules and the chassis provide increased patching density.



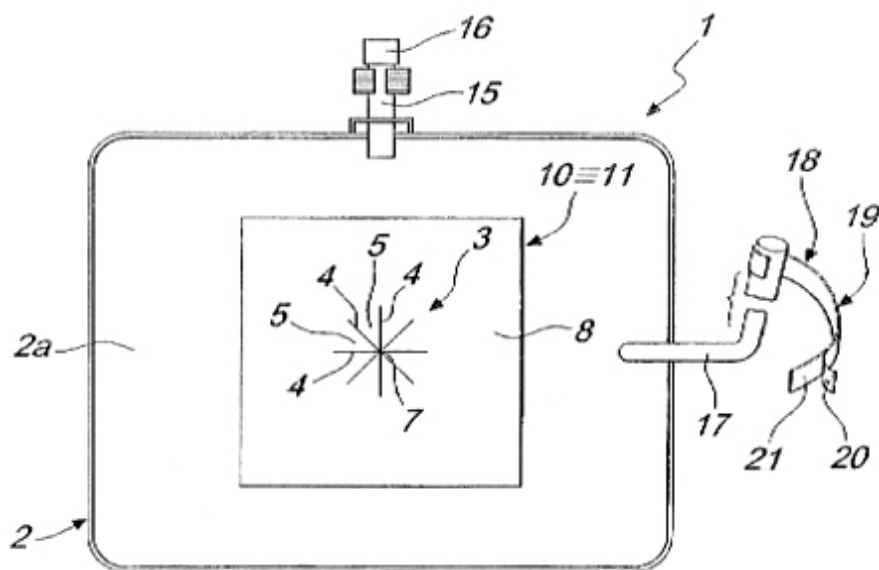
(54) Title of the invention : CONTAINER FOR COLLECTING EXCRETIONS, DRAINING COLLECTIONS, PURGING OSTOMIES OR THE LIKE

(51) International classification :A61F5/00  
 (31) Priority Document No :MO2004A000177  
 (32) Priority Date :08/07/2004  
 (33) Name of priority country :Italy  
 (86) International Application No :PCT/EP2005/053250  
 Filing Date :07/07/2005  
 (87) International Publication No :WO 2006/005717  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)BENIAMINO PALMIERI**  
 Address of Applicant :VIA CIRO BISI 125, 41100 MODENA Italy  
 (72)Name of Inventor :  
**1)BENIAMINO PALMIERI**

## (57) Abstract :

A container (1) for collecting excretions, draining collections, purging ostomies or the like comprising a bag (2) which is closed along its 5 peripheral edges and on at least one face (2a) of which there is a radial arrangement (3) of slits (4), which form a plurality of independent sectors (5), each of which is associated with a respective adhesive element (6) intended to adhere to a portion of the skin of a patient which surrounds the exit orifice of the excretion, collection or material to be purged, the hole (7), 10 which constitutes the center of the radial arrangement (3), expending into an opening (7') for the passage of the excretion, collection or material.

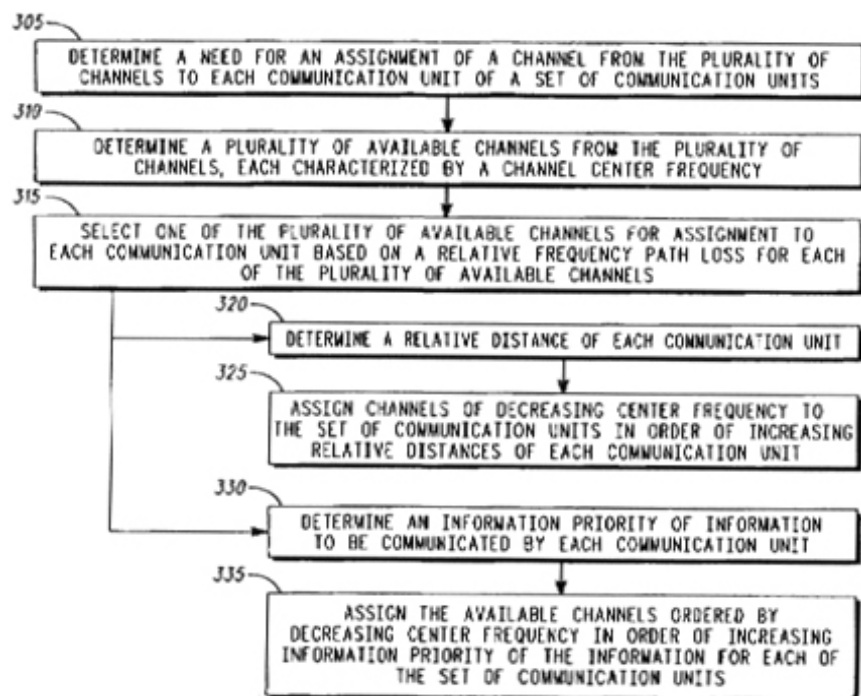


(54) Title of the invention : HEAT EXCHANGER

|                                               |                     |                                                      |
|-----------------------------------------------|---------------------|------------------------------------------------------|
| (51) International classification             | :F28F3/00; F28F3/08 | (71) <b>Name of Applicant :</b>                      |
| (31) Priority Document No                     | :PCT/JP04/010534    | <b>1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.</b>    |
| (32) Priority Date                            | :16/07/2004         | Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, |
| (33) Name of priority country                 | :Japan              | OSAKA 571-8501 Japan                                 |
| (86) International Application No             | :PCT/JP2004/010534  | (72) <b>Name of Inventor :</b>                       |
| Filing Date                                   | :16/07/2004         | <b>1)TAKUYA MURAYAMA</b>                             |
| (87) International Publication No             | :WO 2006/008823     | <b>2)HIROSHI SHIBATA</b>                             |
| (61) Patent of Addition to Application Number | :NA                 |                                                      |
| Filing Date                                   | :NA                 |                                                      |
| (62) Divisional to Application Number         | :NA                 |                                                      |
| Filing Date                                   | :NA                 |                                                      |

(57) Abstract :

A heat exchanger with reduced pressure loss, and improved productivity and strength. The heat exchanger is made by laminating first heat conduction plates (1) and second heat conduction plates (2) alternately. A first heat conduction plate and a second heat conduction plate are integrally molded of one sheet. The sheet includes air duct ribs (6), heat conduction planes (5), air duct end faces (7), first protrusions (8), first outer peripheral ribs (11a to 11d), second outer peripheral ribs (12a to 12d), air duct end covers (14), and second protrusions (15a and 15b).



(54) Title of the invention : ADAPTER FOR THE INTERCONNECTION OF COMPONENTS AND A COMPONENT MANUFACTURED USING SUCH AN ADAPTER

(51) International classification :H05K7/10  
 (31) Priority Document No :10 2004 034817.0  
 (32) Priority Date :19/07/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/007771  
 Filing Date :16/07/2005  
 (87) International Publication No :WO 2006/008105  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)THYSSENKRUPP STEEL GMBH**

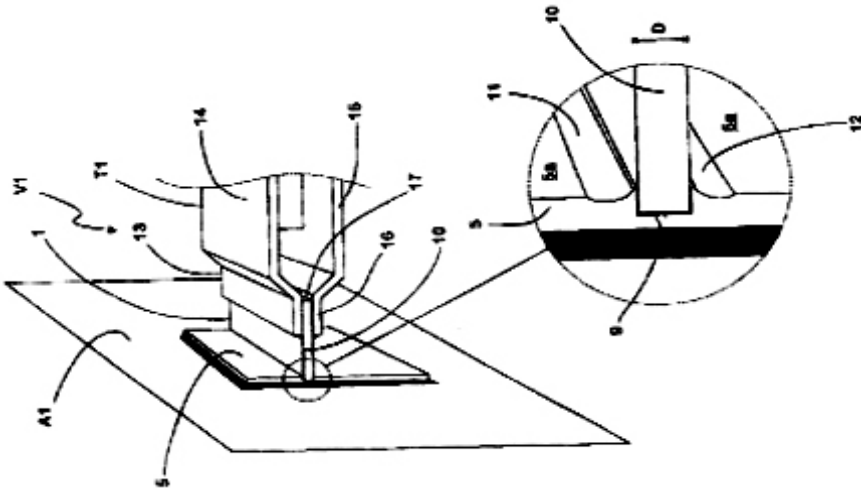
Address of Applicant :KAISER-WILHELM-STRASSE 100, 47166  
 DUISBURG Germany

(72)Name of Inventor :

**1)SCHMIDT, MARIO**

(57) Abstract :

The invention relates to an adapter, which in a simple manner enables secure connection of two components (A1, A2, A3, A4, T1, T2, T3, T4) manufactured from different materials. This is achieved according to the invention in that the adapter has a basic element (5, 6, 7, 8) which is manufactured from a material which belongs to the group of materials to which the material of the first component (A1, A2, A3, A4) is allocated, and a connection element (10, 19, 24, 25, 28, 29) indissolubly connected by a joint operation positively and non-positively to the basic element (5, 6, 7, 8), said connection element being manufactured from a material which belongs to the group of materials to which the material of the second component (T1, T2, T3, T4) is allocated. In addition to this, the invention relates to a component produced using an adapter according to the invention.



(54) Title of the invention : BRIDGING DEVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :E01D19/00         |
| (31) Priority Document No                     | :04015930.3        |
| (32) Priority Date                            | :07/07/2004        |
| (33) Name of priority country                 | :EPO               |
| (86) International Application No             | :PCT/EP2005/007280 |
| Filing Date                                   | :06/07/2005        |
| (87) International Publication No             | :WO 2006/002992    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)MAGEBA S.A.**

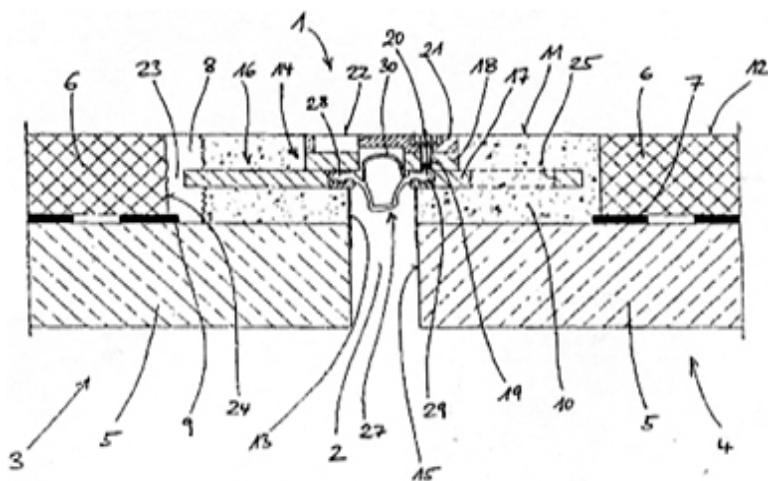
Address of Applicant :SOLISTR. 68, CH-8189 BULACH Switzerland

(72)Name of Inventor :

**1)MOOR GIANNI**

(57) Abstract :

The invention relates to a bridging device (1) for an expansion joint (2) arranged between a thrust bearing (3) and an overhang (4) in a portable structure. The thrust bearing and overhang are adjoined to the gap (8) of the expansion joint, which is filled with polymer concrete (10), in which every footing layer (16) of a metallic edge section (14) is embedded. An elastic sealing section (27) is stretched between the two edge sections, which is connected to the sealing of the two edge sections. With every edge section (14), a tooth section (21) is linked to its upper surface, in which the top surface (22) is completed with essential surface (11,12) of polymer concrete (10) and the road surface lining (6) and its teeth would appear with the teeth of every other toothed sections.



(54) Title of the invention : "METHOD AND SYSTEM FOR USE IN REDUCING COST ASSOCIATED WITH LOST CONNECTIONS IN WIRELESS COMMUNICATION"

(51) International classification :H04M3/00  
 (31) Priority Document No :10/902,363  
 (32) Priority Date :29/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/025278  
 Filing Date :18/07/2005  
 (87) International Publication No :WO 2006/020115  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)MOTOROLA, INC.**

Address of Applicant :1303, EAST ALGONQUIN ROAD,  
 SCHAUMBURG, IL 60196 U.S.A.

(72)Name of Inventor :

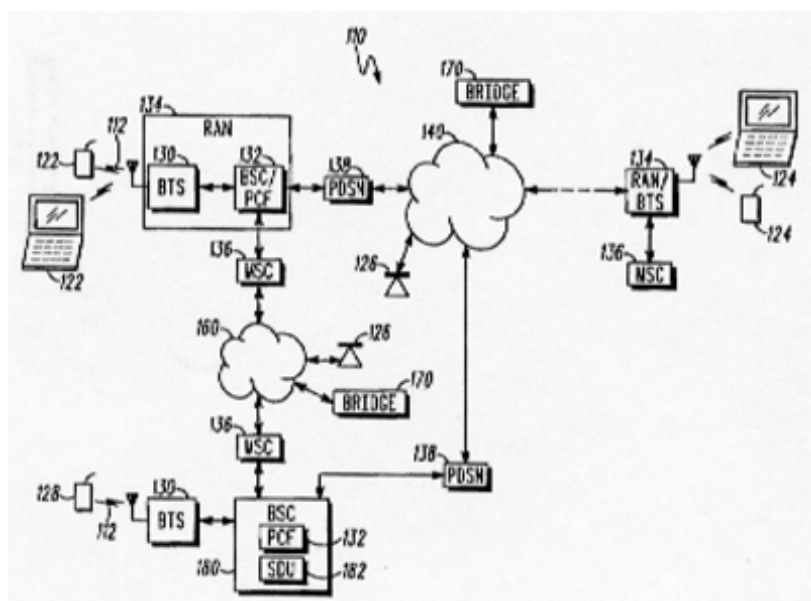
**1)HARRIS JOHN M**

**2)CROCKER RONALD T**

**3)HART THOMAS B**

(57) Abstract :

The present embodiments provides for notifying a remote communication device (124/126) when a local wireless device (122) loses its wireless link (112). A method detects when a wireless connection (112) is lost with a first communication device (122) , identifies a second communication device (124,126) that is communicating with the first device, and notifies the second device of the lost link. The notification of the lost link is supplied while the method provides batch communications. Voice communications, where a remote device is notified when a local device loses its wireless connection, can be provided. The second device can be determined by querying a server (150). The notifying can include forwarding an in-band tone, and/or generating a real time protocol packet. The loss of the link is detected through a radio access network (134), a packet control function (132), and/or a mobile switching center (136).



(54) Title of the invention : "SYSTEM AND METHOD FOR SILENT RETRY"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04B15/00         |
| (31) Priority Document No                     | :10/894,552        |
| (32) Priority Date                            | :20/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/024924 |
| Filing Date                                   | :14/07/2005        |
| (87) International Publication No             | :WO 2006/019863    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

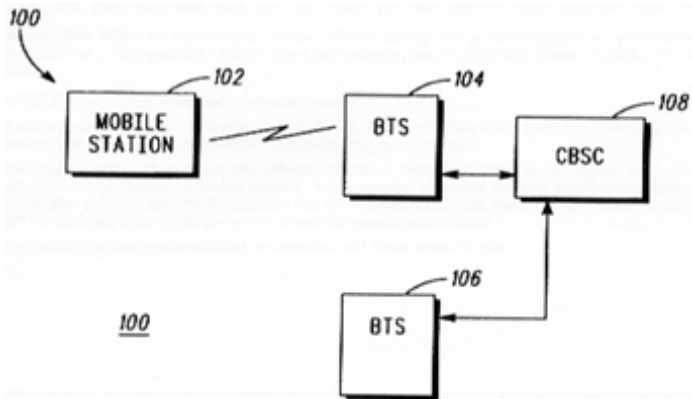
**1)MOTOROLA, INC.**Address of Applicant :1303, EAST ALGONQUIN ROAD,  
SCHAUMBURG, IL 60196 U.S.A.

(72)Name of Inventor :

**1)GARG, SANJEEV****2)CASTILLO ALFREDO R**

(57) Abstract :

A system and method for synchronizing the operation of a wireless mobile station (102) and a base station (104) includes receiving a message at the base station (104) indicating a state of operation of the wireless mobile station (102). A determination is made as to whether the base station (104) and the mobile station (102) are in synchronization based upon comparing the state of operation of the mobile station (102) and a state of operation of the base station (104).





(54) Title of the invention : "METHOD AND APPARATUS FOR DETERMINING CHANNEL QUALITY AND PERFORMING ADAPTIVE MODULATION/CODING WITHIN A MULTICARRIER COMMUNICATION SYSTEM"

(51) International classification :H03K9/00  
 (31) Priority Document No :10/886,476  
 (32) Priority Date :07/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/024328  
 Filing Date :07/07/2005  
 (87) International Publication No :WO 2006/010027  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)MOTOROLA, INC.**

Address of Applicant :1303, EAST ALGONQUIN ROAD,  
 SCHAUMBURG, IL 60196 U.S.A.

(72)Name of Inventor :

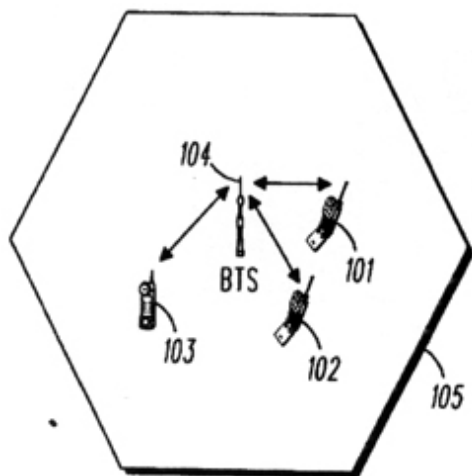
**1)BLANKENSHIP YUFEI W**

**2)CLASSON BRIAN K**

**3)SARTORI PHILIPPE J**

(57) Abstract :

In a multi-carrier communication system employing adaptive modulation and coding, a receiver feeds back channel quality information for a "binned" group of subcarriers instead of sending an individual quality report for each subcarrier. A transmitter will utilize the channel quality information for the bin to determine a set of  $\gamma_{eff}$  values corresponding to a set of modulation and coding scheme candidates, where  $\gamma_{eff}$  is an effective SNR that would yield a same FER in an AWGN channel. The transmitter utilizes the set of  $\gamma_{eff}$  values to aid in determining a modulation and coding scheme, and determine a single modulation and coding scheme for all subcarriers within the channel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :04/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : FLEXIBLE BONE COMPOSITE

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :A61F2/00;<br>A61K33/42 |
| (31) Priority Document No                     | :60/578,610             |
| (32) Priority Date                            | :10/06/2004             |
| (33) Name of priority country                 | :U.S.A.                 |
| (86) International Application No             | :PCT/US2005/020484      |
| Filing Date                                   | :10/06/2005             |
| (87) International Publication No             | :WO 2005/123155         |
| (61) Patent of Addition to Application Number | :NA                     |
| Filing Date                                   | :NA                     |
| (62) Divisional to Application Number         | :NA                     |
| Filing Date                                   | :NA                     |

(71)**Name of Applicant :**

**1)SYNTHES (USA)**

Address of Applicant :1230 WILSON DRIVE, WEST CHESTER,  
PENNSYLVANA 19380 U.S.A.

(72)**Name of Inventor :**

**1)KERR, SEAN**

**2)DWYER, JAMES, W.**

(57) Abstract :

The present invention relates in general to implantable flexible bone composites, and method for preparing the same. The flexible bone composite includes at least one polymeric layer and at least one calcium-containing layer. The polymeric layer can be a polymeric layer including a synthetic polymer: The calcium-containing layer can include a calcium compound such as  $\text{Ca}_3(\text{PO}_4)_2$ . The flexible bone composites of the invention are useful as bone void fillers and have improved handling characteristics.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.59/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :04/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR A SCALABLE ALGORITHM FOR DECISION OPTIMIZATION

|                                               |                                       |                                                                                                                                                               |
|-----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06F17/00;<br>G06G7/00;<br>G06Q10/00 | (71) <b>Name of Applicant :</b><br><b>1)FAIR ISAAC CORPORATION</b><br>Address of Applicant :901 MARQUETTE AVENUE, SUITE 3200,<br>MINNEAPOLIS, MN 55402 U.S.A. |
| (31) Priority Document No                     | :60/586,525                           | (72) <b>Name of Inventor :</b>                                                                                                                                |
| (32) Priority Date                            | :09/07/2004                           | <b>1)ZHENG, MAOLIN</b>                                                                                                                                        |
| (33) Name of priority country                 | :U.S.A.                               |                                                                                                                                                               |
| (86) International Application No             | :PCT/US2005/024337                    |                                                                                                                                                               |
| Filing Date                                   | :08/07/2005                           |                                                                                                                                                               |
| (87) International Publication No             | :WO 2006/010034                       |                                                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA                                   |                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                               |
| (62) Divisional to Application Number         | :NA                                   |                                                                                                                                                               |
| Filing Date                                   | :NA                                   |                                                                                                                                                               |

(57) Abstract :

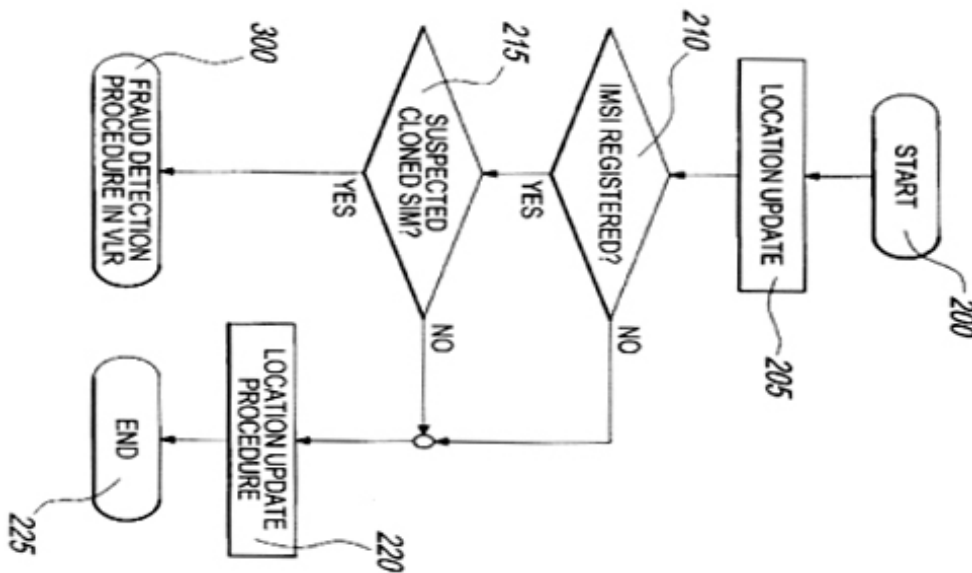
An iterative approach to solving the optimization problem is provided. The invention provides an iteration of four basic operations; determining the segments, balancing the segments, expanding a segment, and solving the segment optimization. The method and apparatus can use any off-the-shelf linear programming (LP) solver, such as Dash Optimization Xpress, by Dash Optimization, during the solve operation. The size of the problem fed into the LP solver remains bounded and relatively small compared to the entire problem size. Thus, the algorithm can solve problems of several orders of magnitude larger. In one embodiment of the invention, the sampling and segmentation techniques are removed to where the problem is solved at the account-level. In the above cases, the solution is produced in a more cost-effective manner and the best possible return is achieved because the doubt of achieving a true global solution is removed.

(54) Title of the invention : METHOD AND RADIO COMMUNICATION NETWORK FOR DETECTING THE PRESENCE OF FRAUDULENT SUBSCRIBER IDENTITY MODULES

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :H04Q7/38          | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :NA                | <b>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)</b>         |
| (32) Priority Date                            | :NA                | Address of Applicant :SE-164 83 STOCKHOLM SWEDEN Sweden |
| (33) Name of priority country                 | :NA                | (72)Name of Inventor :                                  |
| (86) International Application No             | :PCT/EP2004/006446 | <b>1)SANTORO, POMPEO</b>                                |
| Filing Date                                   | :08/06/2004        | <b>2)CLAPS, MARIO</b>                                   |
| (87) International Publication No             | :WO 2005/122618    |                                                         |
| (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 detecting the presence of fraudulent Subscriber Identity Modules in a network for cellular communications comprising the steps of: at a first Service Node, receiving a registration request by a first User Equipment comprising a Subscriber Identity Module for defining an identity of a subscriber; initiating a checking to establish whether the subscriber is already registered with the same identity in at least one Service Node over the network, including the first Service Node; if the subscriber results to be already registered with the same identity in at least a second Service Node over the network, retrieving status information on at least a second User Equipment associated with the already registered subscription for checking whether the second User Equipment is not the first User Equipment; and disabling any subscription of the subscriber associated with the identity if the second User Equipment results not to be the first User Equipment.

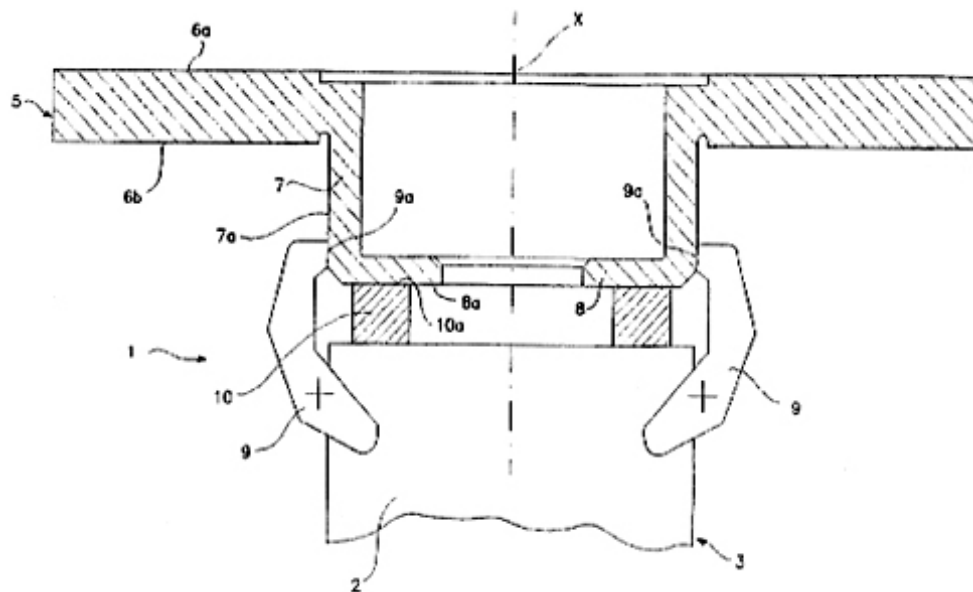


(54) Title of the invention : A DEVICE FOR CENTERING AND MAGNETIC CLAMPING OF WORKPIECES AND A MACHINE TOOL INCORPORATING THE SAID DEVICE

|                                               |                                        |                                                                                                                           |
|-----------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B23Q3/152;<br>B23B31/16;<br>B23B31/28 | (71)Name of Applicant :<br><b>1)MAUS S.P.A.</b><br>Address of Applicant :VIA CALTANA, 28-35011 CAMPODARSEGO<br>(PD) Italy |
| (31) Priority Document No                     | :PD2004A000171                         | (72)Name of Inventor :                                                                                                    |
| (32) Priority Date                            | :29/06/2004                            | <b>1)SAMMARTIN ROBERTO</b>                                                                                                |
| (33) Name of priority country                 | :Italy                                 | <b>2)FASSINA ANTONIO</b>                                                                                                  |
| (86) International Application No             | :PCT/IT2005/000034                     |                                                                                                                           |
| Filing Date                                   | :24/01/2005                            |                                                                                                                           |
| (87) International Publication No             | :WO 2006/001038                        |                                                                                                                           |
| (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 clamping workpieces which are subjected to mechanical machining comprising means for centering the workpiece on a workpiece holder (2) with respect to an axis (X) about which the holder (2) is caused to rotate during mechanical machining of the workpiece and means for clamping the workpiece relative to the workpiece holder (2), in which the clamping means comprise at least one member (10) supporting the workpiece secured to the rotating holder (2) and reversibly secured to the workpiece by magnetic attraction is described.



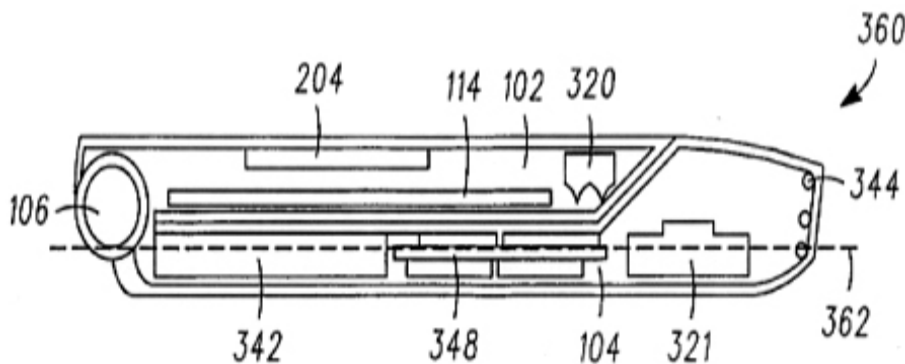
(54) Title of the invention : "MECHANICAL LAYOUT AND COMPONENT PLACEMENT FOR THIN CLAMSHELL PHONE"

(51) International classification :H04M1/02;  
H04M1/73  
(31) Priority Document No :10/874,017  
(32) Priority Date :21/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/018718  
Filing Date :26/05/2005  
(87) International Publication No :WO 2006/007222  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)MOTOROLA, INC.**  
Address of Applicant :1303, EAST ALGONQUIN ROAD,  
SCHUMBURG, ILLINOIS 60196, U.S.A.  
(72)**Name of Inventor :**  
**1)SPENCE, MICHAEL F.**  
**2)ALLORE, JOSEPH L.**  
**3)DABBEEKEH, JOHN L.**  
**4)JELLICODE, RIGER J.**  
**5)STONE, FRANK H.**  
**6)VOLIMER, SIMON F.**  
**7)WEISS, GARY**

(57) Abstract :

Folding wireless communication devices incorporate a two-part housing, which includes a first part that is rotatably coupled to a second part. The overall depth of the device is reduced by adjusting the mechanical layout and component placement relative to one another, wherein previously stacked components have been reordered. More specifically, the hinge, the battery, and the communication and control circuitry have been organized so as to be in the same horizontal plane, and so as to not overlap in a vertical direction.

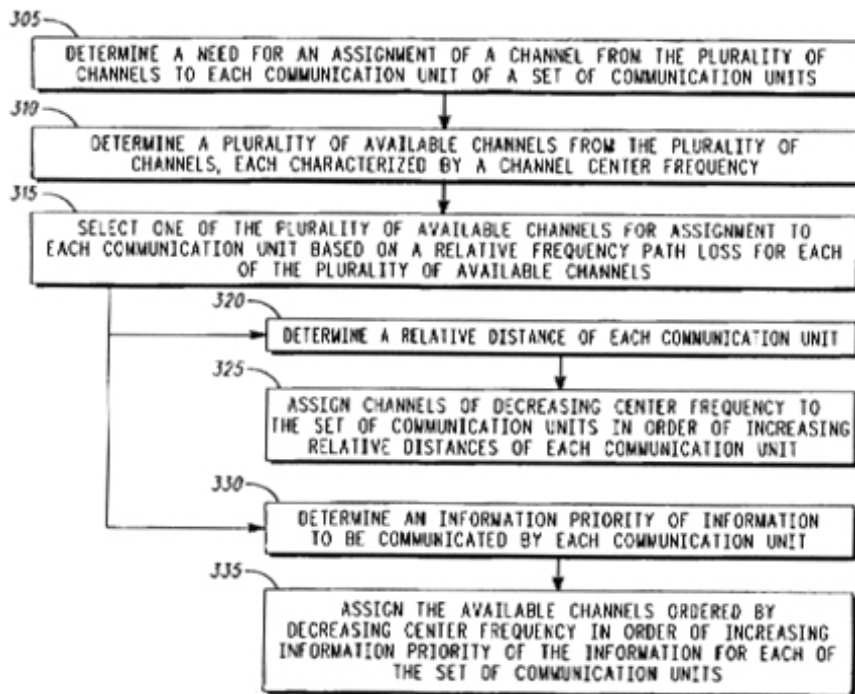


(54) Title of the invention : "METHOD AND COMMUNICATION UNIT FOR USE IN A WIDEBAND WIRELESS COMMUNICATION SYSTEM"

|                                               |                                      |                                                                                                                                                      |
|-----------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04B1/00;<br>H04B15/00;<br>H04Q7/20 | (71) <b>Name of Applicant :</b><br><b>1)MOTOROLA, INC.</b><br>Address of Applicant :1303, EAST ALGONQUIN ROAD,<br>SCHAUMBURG, ILLINOIS 60196, U.S.A. |
| (31) Priority Document No                     | :10/886,479                          | (72) <b>Name of Inventor :</b>                                                                                                                       |
| (32) Priority Date                            | :07/07/2004                          | <b>1)EMAMI, SHAHRIAR</b>                                                                                                                             |
| (33) Name of priority country                 | :U.S.A.                              | <b>2)CORRAL, CELESTINO A.</b>                                                                                                                        |
| (86) International Application No             | :PCT/US2005/024327                   | <b>3)RASOR, GREGG E.</b>                                                                                                                             |
| Filing Date                                   | :07/07/2005                          | <b>4)SIBECAS, SALVADOR</b>                                                                                                                           |
| (87) International Publication No             | :WO 2006/010026                      | <b>5)STRATIS, GLAFKOS</b>                                                                                                                            |
| (61) Patent of Addition to Application Number | :NA                                  |                                                                                                                                                      |
| Filing Date                                   | :NA                                  |                                                                                                                                                      |
| (62) Divisional to Application Number         | :NA                                  |                                                                                                                                                      |
| Filing Date                                   | :NA                                  |                                                                                                                                                      |

## (57) Abstract :

A technique is used in a wideband wireless communication system (100). In some embodiments available channels are determined (310) and one is selected (315) for assignment to each of a set of communication units based on a relative frequency path loss for each available channel. In some embodiments a communication unit is assigned (505) a channel selected from among available channels and a relative signal loss parameter of the communication unit, such as transmit power, is adjusted (510), based on a relative frequency path loss determined from the channel frequency of the assigned channel. In other embodiments, transmit information is split (705) into a plurality of data streams, each characterized by an associated relative signaling sensitivity, and each data stream is assigned (715) to one of a plurality of the transmit channels, wherein data streams are assigned channels of decreasing channel frequencies in order of decreasing associated relative signaling sensitivities of the data streams.



(54) Title of the invention : "DOWNLINK MULTICAST METHOD IN WIRELESS INTERNET PROTOCOL SYSTEM"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L12/28         |
| (31) Priority Document No                     | :10/887,660        |
| (32) Priority Date                            | :09/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/024333 |
| Filing Date                                   | :07/07/2005        |
| (87) International Publication No             | :WO 2006/010031    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

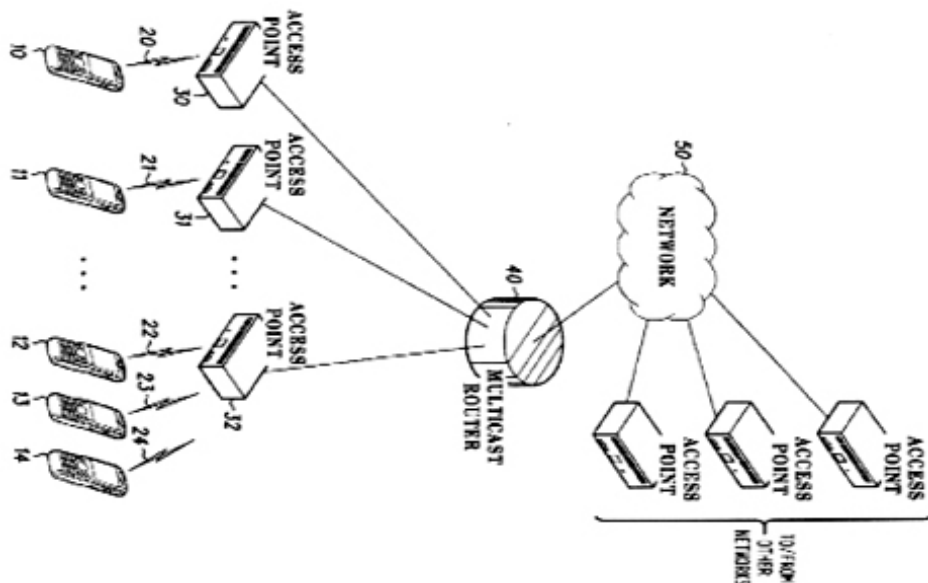
**1)MOTOROLA, INC.**Address of Applicant :1303, EAST ALGONQUIN ROAD,  
SCHUMBURG, ILLINOIS 60196, U.S.A.

(72)Name of Inventor :

**1)DORENBOSCH, JHEROEN P.**

(57) Abstract :

A method for determining multicast versus unicast of packet data in a wireless communication system establishes (102) a target member set which represents the wireless terminals (10-14) served by an access point (30-32) which wireless terminals are members of a multicast group. The access point receives (104) the packet data. The access point next determines (106) a destination subset of the target member set of wireless terminals. The destination subset is those wireless terminals which are to receive the packet data.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :27/06/2006

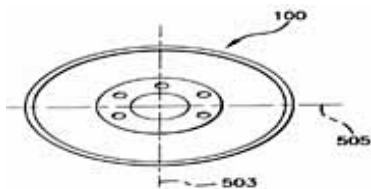
(43) Publication Date : 29/06/2007

(54) Title of the invention : COMBUSTOR NOZZLE

|                                               |             |                                                    |
|-----------------------------------------------|-------------|----------------------------------------------------|
| (51) International classification             | :F02C7/22   | (71) <b>Name of Applicant :</b>                    |
| (31) Priority Document No                     | :11/312,158 | <b>1)UNITED TECHNOLOGIES CORPORATION</b>           |
| (32) Priority Date                            | :20/12/2005 | Address of Applicant :UNITED TECHNOLOGIES BUILDING |
| (33) Name of priority country                 | :U.S.A.     | HARTFORD CONNECTICUT 06101 U.S.A.                  |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                     |
| Filing Date                                   | :NA         | <b>1)GRAVES CHARLES B.</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 gas turbine engine swirler/nozzle apparatus has a swirler having a central axis and a nozzle. The nozzle has an outlet end with a plurality of outlets about said axis and having an asymmetry about said axis. The apparatus may be formed as a reengineering of a baseline apparatus having a symmetric nozzle.



(54) Title of the invention : "METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING A DATA SYMBOL STREAM"

(51) International classification :H04B 7/02  
 (31) Priority Document No :04291794.8  
 (32) Priority Date :08/07/2004  
 (33) Name of priority country :EUROPEAN UNION  
 (86) International Application No :PCT/US2005/024332  
 Filing Date :07/07/2005  
 (87) International Publication No :WO 2006/010030  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

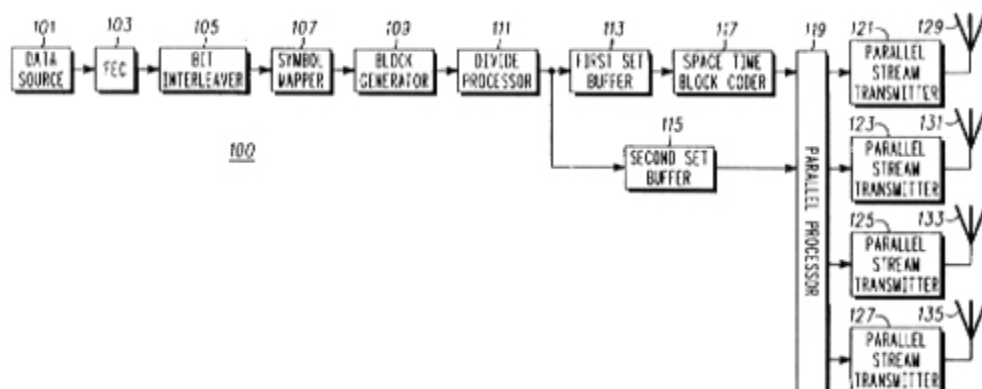
**1)MOTOROLA, INC.**Address of Applicant :1303 EAST ALGONQUIN ROAD,  
SCHAUMBURG, IL 60196, U.S.A.

(72)Name of Inventor :

**1)ROUQUETTELEVEIL STEPHANIE****2)DE COURVILLE MARC BERNARD****3)RIBEIRO DIAS ALEX****4)SIMOENS SEBASTIEN**

(57) Abstract :

A transmitter comprises a block generator (109) which divides a data symbol stream into data symbol blocks. A divide processor (111) divides each block into a first set of data symbols stored in a first set buffer (113) and a second set of data symbols stored in a second set buffer (115). A space time block encoder (117) codes the first set in accordance with a space time block code to generate a coded set of data symbols. A parallel processor (119) then creates a plurality of parallel data streams from the coded set and the second set. Each of the parallel data streams is allocated to one of a plurality of antennas (129-135). A plurality of parallel stream transmitters (121-127) transmits the parallel data streams in parallel in a communication channel from the plurality of transmit antennas (129-135).



(54) Title of the invention : A METHOD AND A DEVICE FOR THE RAIL TRAFFIC ON MULTIPLY, PARALLEL GUIDE-WAYS ALSO AS TOYS

|                                               |             |
|-----------------------------------------------|-------------|
| (51) International classification             | :A63G7/00   |
| (31) Priority Document No                     | :0526669.7  |
| (32) Priority Date                            | :14/12/2005 |
| (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 :

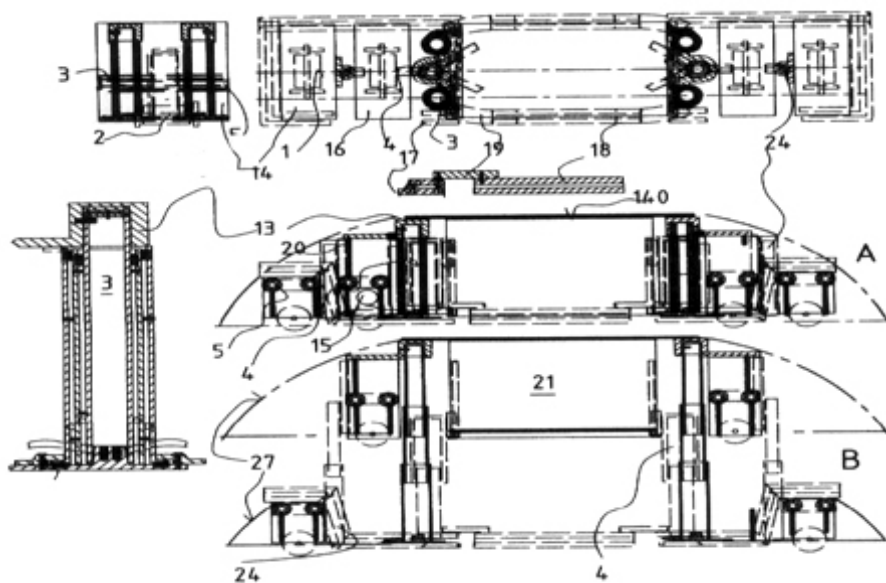
**1)DR. MED WOLFGANG WAGNER**Address of Applicant :SCHAUFLERPfad 46 13503 BERLIN  
Germany

(72)Name of Inventor :

**1)DR. MED WOLFGANG WAGNER**

(57) Abstract :

Method and device for a rail traffic on parallel guide-way and also as toys which are effected and consist by a vehicle with wheels or linear motor sleds which, by means of transport member preferably from a kind of hydraulics (at toys by springs or folded bellows), is able to be lifted from one guide-way across to another neighbouring one without railway switch, whereby the guide-ways preferably are stepped arranged on carrier pillars. An individual rail traffic is rendered possible by the one which is not bound by general stops, because the vehicle is able to halt on the lowest gauge even on a guide-way-free pavement. The average velocity of the vehicle is increased with each rail step. The number of the lanes can be largely augmented because the vehicles are also able to run overhanging and partially overlapping and because the narrow gauge is chosen. For the freight traffic, a vehicle is able to use multiply guide-ways, whereby the wheels are held perpendicularly up to the rails during the gradual lowering of the guide-way up to a single guide-way plane. An automation could be caused with automatic distance control between the vehicles, the accident hazard could be lowered though the acceleration of the traffic, but by the avoiding of cross roads combined with an avoiding of exhaust-gas because of the electrification. Biotops could be increased. The transition from the road traffic of today would be possible nearly frictionless. It is especially considered to make a pattern for the use as toy.



(54) Title of the invention : RECORDING MEDIUM, METHOD OF CONFIGURING CONTROL INFORMATION THEREOF, RECORDING AND/OR REPRODUCING METHOD USING THE SAME, AND APPARATUS THEREOF

(51) International classification :G11B7/007; G11B7/24;  
G11B19/12; G11C7/00  
(31) Priority Document No :10-2003-0045825  
(32) Priority Date :07/07/2003  
(33) Name of priority country :Republic of Korea  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number : 721/KOLNP/2005  
Filing Date : 25.04.2005

(71)Name of Applicant :

**1)LG ELECTORNICS, INC.**

Address of Applicant :20,YOIDO-DONG, YOUNGDUNGPO-GU,SEOUL 150-721, Republic of Korea

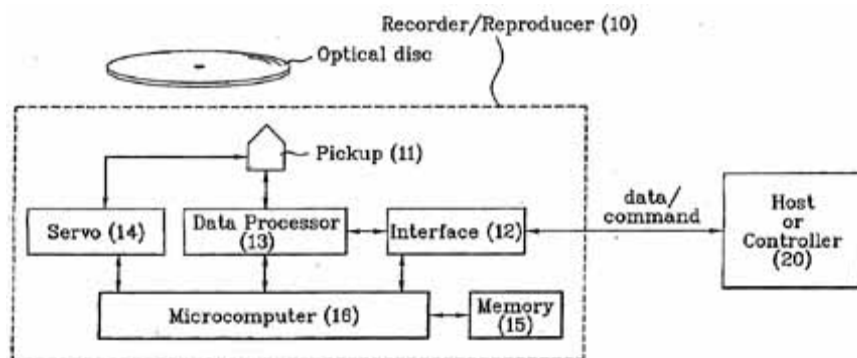
(72)Name of Inventor :

**1)SUH,SANG,WOON**

**2)KIM, JIN YONG**

(57) Abstract :

A method of recording control information on a recording medium, comprising: generating respective control information units associated with at least first and second recording layers, the respective control information units including first information identifying a type of the corresponding control information unit and a write strategy information dependent on the type of the corresponding control information unit, wherein the first information indicates whether the corresponding control information unit can be used for CLV (constant linear velocity) mode or CAV(constant angular velocity) mode; and recording the respective control information units on a specific area of at least one of first and second recording layers.

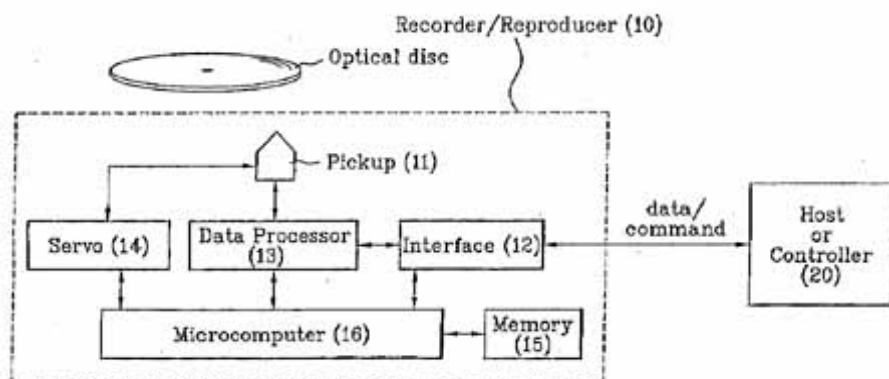


(54) Title of the invention : A RECORDING MEDIUM, METHOD OF CONFIGURING CONTROL INFORMATION THEREOF, RECORDING AND/OR REPRODUCING METHOD USING THE SAME, AND APPARATUS THEREOF

|                                               |                                                    |                                                                                                                                                    |
|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G11B7/007;<br>G11B7/24;<br>G11B19/12;<br>G11C7/00 | (71)Name of Applicant :<br><b>1)LG ELECTRONICS, INC.</b><br>Address of Applicant :20,YOIDO-DONG,YOUNGDUNGPO-GU,<br>SEOUL 150-721 Republic of Korea |
| (31) Priority Document No                     | :10-2003-0045825                                   | (72)Name of Inventor :                                                                                                                             |
| (32) Priority Date                            | :07/07/2003                                        | <b>1)SUH,SANG,WOON</b>                                                                                                                             |
| (33) Name of priority country                 | :Republic of Korea                                 | <b>2)KIM,JIN YONG</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         | : 721/KOLNP/2005                                   |                                                                                                                                                    |
| Filing Date                                   | : 25.04.2005                                       |                                                                                                                                                    |

## (57) Abstract :

A method of recording control information on a recording medium, comprising: generating a control information unit associated with at least one recording velocity, the control information unit including first information identifying a type of the corresponding control information unit and a write strategy information dependent on the type of the control information unit, wherein the first information indicates whether the control information unit can be used for CLV (constant linear velocity) mode or CAV(constant angular velocity) mode; and recording the control information unit on a specific area of the recording medium.



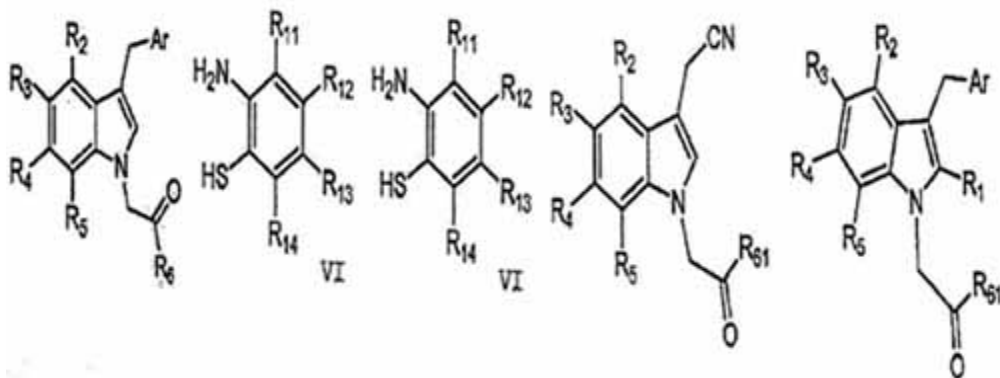
(54) Title of the invention : A PROCESS FOR PREPARING A PHARMACEUTICAL COMPOUND

(51) International classification :C07D209/04;C07D417/06  
 (31) Priority Document No :60/080,143  
 (32) Priority Date :31/03/1998  
 (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 : IN/PCT/2000/00457  
 Filing Date : 31.10.2000

(71)**Name of Applicant :**  
**1)THE INSTITUTES FOR PHAMACEUTICAL DISCOVERY,INC.**  
 Address of Applicant :23,BUSINESS PARK DRIVE, BRANFORD CT  
 06405 U.S.A.  
 (72)**Name of Inventor :**  
**1)JONES MICHAEL LEE**  
**2)GUNN DAVID**  
**3)JONES JOHN HOWARD**  
**4)VAN ZANDT MICHAEL C**

(57) Abstract :

Claim 1. A process for preparing a compound of formula I: or a pharmaceutically acceptable salt thereof wherein comprising (a) heating a solution containing (i) a 2-aminothiophenol of formula VI and (ii) a protected acid of formula V to produce a protected acid of Formula VII and (b) optionally removing the protecting group from the protected acid VII.



(54) Title of the invention : "A METHOD OF PROCESSING MARINE SEISMIC DATA TO REDUCE SPECTRAL NOTCHES"

(51) International classification :G01V1/36;  
G01V1/38;  
G01V1/28;  
G01V1/38

(31) Priority Document No :10/233,266

(32) Priority Date :30/08/2002

(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 : 384/KOL/2003  
Filing Date : 10.07.2003

(71)Name of Applicant :

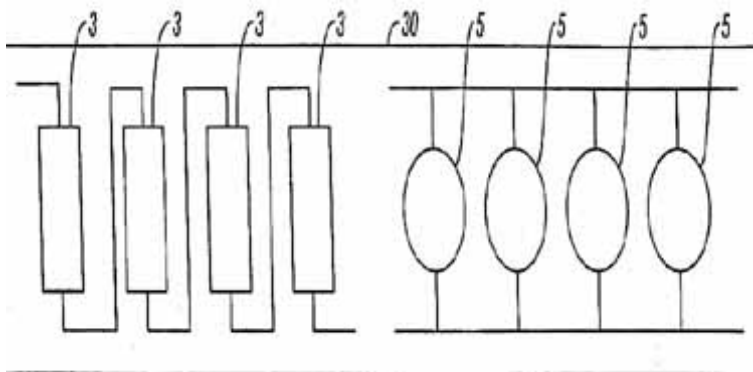
**1)PGS AMERICAS, INC.**Address of Applicant :16010 BARKER'S POINT LANE, SUITE 600,  
HOUSTON, TEXAS 77079 U.S.A.

(72)Name of Inventor :

**1)TENGHAMN STIG RUNE LENNART****2)SODAL AUDUN****3)STENZEL ANDRE NMI**

(57) Abstract :

A method of processing marine seismic data to reduce spectral notches resulting from surface ghost reflections, comprises : determining the amplitude and phase variation with frequency of the output of a particle motion sensor assembly of a co-located sensor pair comprising a particle motion sensor assembly (3) and a pressure gradient sensor (5), independently of any variation in amplitude or phase with frequency of said particle motion sensor assembly resulting from impedance mismatch between said particle motion sensor assembly and a medium from which a seismic wave is coupled to said particle motion sensor assembly; modifying the output signal of at least one of said motion sensor assemblies or pressure gradient sensors to compensate for said determined amplitude and phase variation, thereby generating modified output signals ; and summing said modified output signals from said pressure gradient sensor and said motion sensor assembly.



(54) Title of the invention : "A METHOD OF GEOPHYSICAL EXPLORATION"

(51) International classification :G01V1/28;  
G01V1/18;  
G01V1/38  
(31) Priority Document No :10/233,266  
(32) Priority Date :30/08/2002  
(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 : 384/KOL/2003  
Filing Date : 10.07.2003

(71)Name of Applicant :

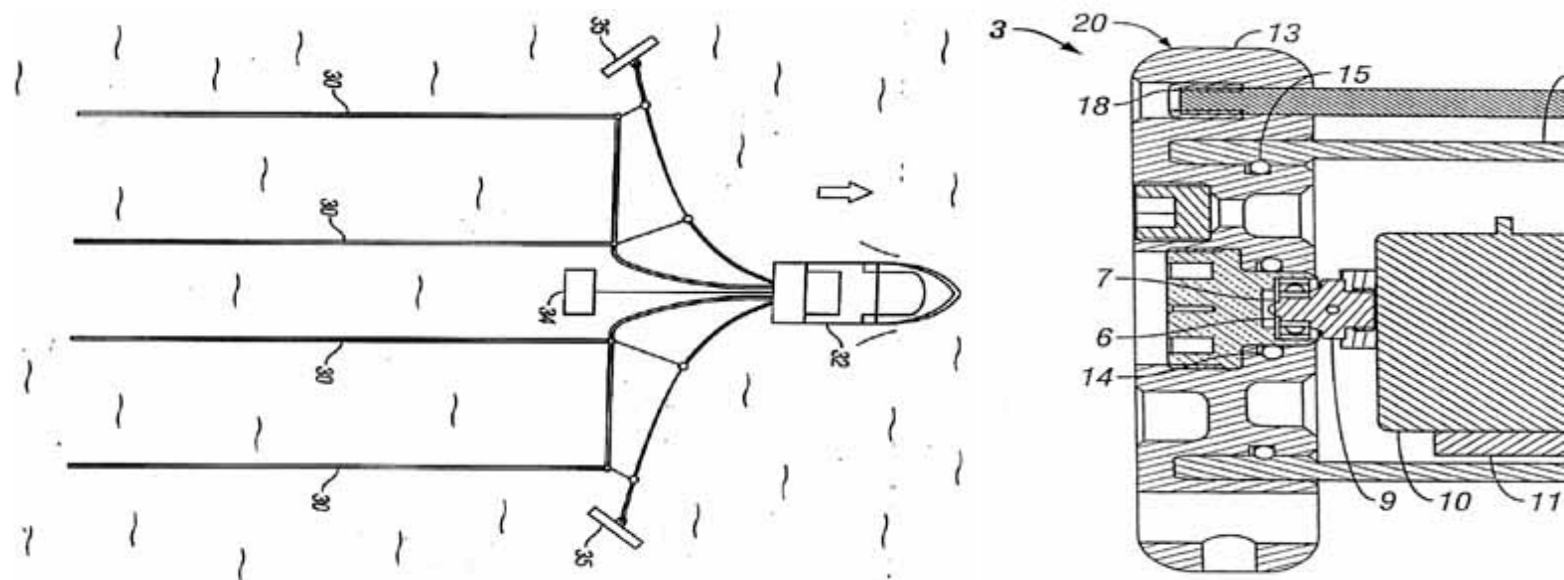
**1)PGS AMERICAS, INC.**Address of Applicant :16010 BARKER'S POINT LANE, SUITE 600,  
HOUSTON, TEXAS 77079 U.S.A.

(72)Name of Inventor :

**1)TENGHAMN STIG RUNE LENNART****2)SODAL AUDUN****3)STENZEL ANDRE NMI**

(57) Abstract :

A method of geophysical exploration comprises : deploying a seismic cable (30) in a body of water, said seismic cable having a plurality of particle motion sensor assemblies (10) positioned within said cable, said particle motion sensor assemblies having an acoustic impedance within the range of about 750,000 Newton seconds per cubic meter to about 3,000,000 Newton seconds per cubic meter; and utilizing said seismic cable for detecting seismic data signals.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.65/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :05/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : OXYGEN PRODUCTION PROCESS USING THREE-STAGE PRESSURE SWING ADSORPTION PLANTS

|                                               |                           |                                                                                                         |
|-----------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B01D53/047;<br>C01B13/02 | (71) <b>Name of Applicant :</b><br><b>1)CHENGDU TIANLI CHEMICAL ENGINEERING<br/>TECHNOLOGY CO.,LTD.</b> |
| (31) Priority Document No                     | :200410046599.9           | Address of Applicant :YULIN,5 NORTHSTREET,CHENGDU CITY<br>SICHUAN PROVINCE,P.R. China                   |
| (32) Priority Date                            | :11/06/2004               | (72) <b>Name of Inventor :</b>                                                                          |
| (33) Name of priority country                 | :China                    | <b>1)SONG, YUWEN;</b>                                                                                   |
| (86) International Application No             | :PCT/CN2005/000642        |                                                                                                         |
| Filing Date                                   | :09/05/2005               |                                                                                                         |
| (87) International Publication No             | :WO 2005/120682           |                                                                                                         |
| (61) Patent of Addition to Application Number | :NA                       |                                                                                                         |
| Filing Date                                   | :NA                       |                                                                                                         |
| (62) Divisional to Application Number         | :NA                       |                                                                                                         |
| Filing Date                                   | :NA                       |                                                                                                         |

(57) Abstract :

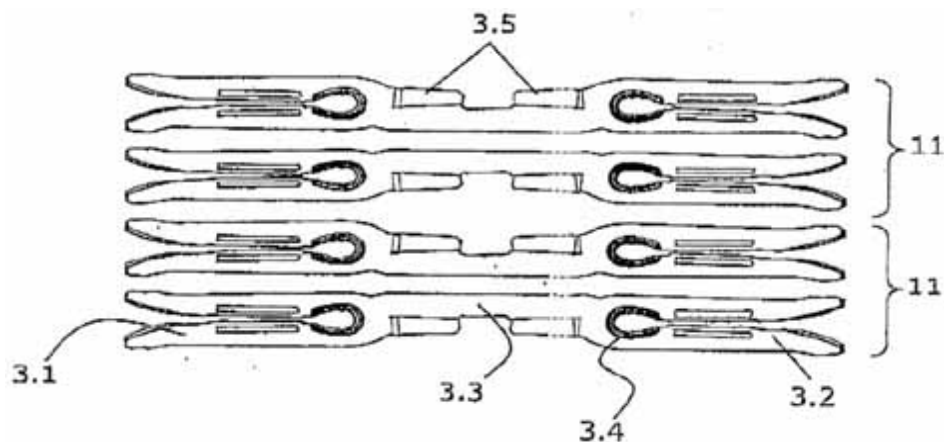
A process for producing oxygen by using of three-stage pressure swing adsorption plants, wherein the process is used to separate nitrogen and oxygen from a feed air stream, the product can be oxygen or nitrogen or both of them. The process utilizes three-stage pressure swing adsorption plants which are serially connected. In the first stage, carbon dioxide, water and part of nitrogen are removed and nitrogen is concentrated. In the second stage, nitrogen is further separated from the effluent intermediate gas from the adsorption step in the adsorption towers of the first stage and oxygen is concentrated to the desired concentration. In the third stage, nitrogen and argon are further separated from the effluent oxygen-enriched mixture gas from the adsorption step in the adsorption towers of the second stage and the concentration of oxygen is raised to 95V% or more. In the first stage, the adsorption towers go through the steps in turn in a cycle: Adsorption(A), Purge(P'), evacuation(VC), countercurrent pressure equalization rising of the second stage gas(2ER), purge gas pressurization(R'), final pressurization(FR); In the second stage, the adsorption towers go through the steps in turn in a cycle: Adsorption(A), countercurrent pressure equalization falling(BD'), final pressurization(FR); In the third stage, the adsorption towers go through the steps in turn in a cycle: Adsorption(A), Oxygen product purge(P'), Oxygen product depressurization(D), Purge gas pressurization(R').

(54) Title of the invention : "CONNECTION DEVICE AND CONNECTION SYSTEM FOR INSULATED ELECTRICAL CONDUCTORS "

|                                               |                |                                                                 |
|-----------------------------------------------|----------------|-----------------------------------------------------------------|
| (51) International classification             | :H01B<br>17/56 | (71)Name of Applicant :<br><b>1)REICHLE &amp; DE-MASSARI AG</b> |
| (31) Priority Document No                     | :1170/05       | Address of Applicant :BINZSTRASSE 31 8622 WETZIKON              |
| (32) Priority Date                            | :14/07/2005    | Switzerland                                                     |
| (33) Name of priority country                 | :Switzerland   | (72)Name of Inventor :                                          |
| (86) International Application No             | :NA            | <b>1)POLTERA RICO</b>                                           |
| Filing Date                                   | :NA            | <b>2)RODRIGUEZ ENRIQUE</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 connection device in accordance with the invention comprises a housing (2), in which a plurality of contact elements (3) extends, each of which comprising at least one first and at least one second insulation displacement - or piercing contact (3.1, 3.2). The first and the second contact (3.1, 3.2) of every contact element (3) are electrically connected to one another. The contact elements are arranged in pairs in an as such known manner. In accordance with the invention, the contact elements are asymmetrical, in such a manner, that a transition section (3.3) - this section extends between the insulation displacement contacts or piercing contacts - is constructed in such a manner, that the transition sections (3.3) of both the contact elements of the pairs (11) are closer to one another than the transition sections of adjacent contact elements of different pairs (11).

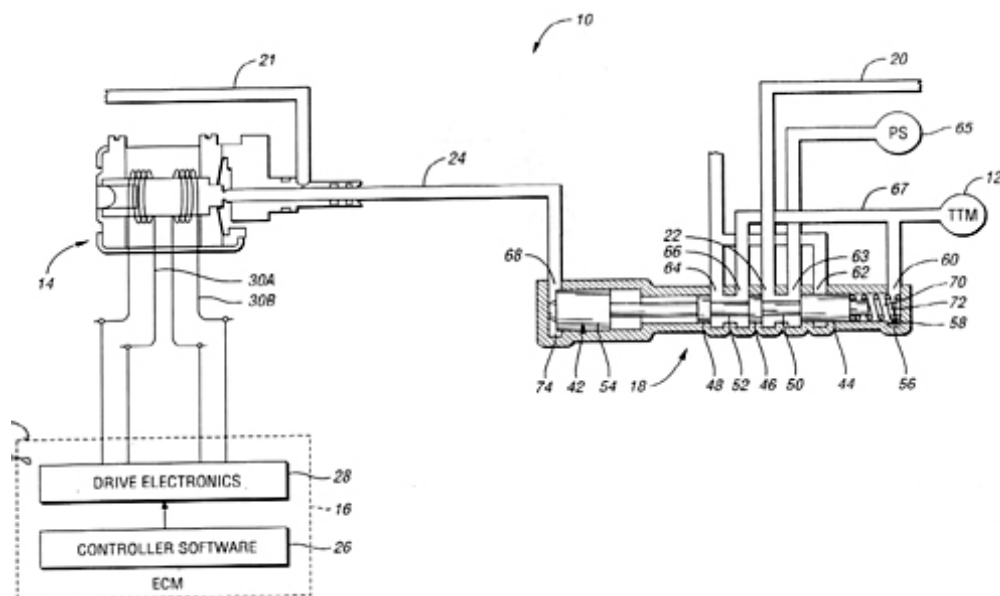


(54) Title of the invention : PRESSURE CONTROL SYSTEM FOR A TORQUE-TRANSMITTING MECHANISM

|                                               |             |                                                           |
|-----------------------------------------------|-------------|-----------------------------------------------------------|
| (51) International classification             | :F15B13/00  | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :11/198,251 | <b>1)GM GLOBAL TECHNOLOGY OPERATIONS INC</b>              |
| (32) Priority Date                            | :05/08/2005 | Address of Applicant :300 GM RENAISSANCE CENTER, DETROIT, |
| (33) Name of priority country                 | :U.S.A.     | MICHIGAN 48265-3000 U.S.A.                                |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                    |
| Filing Date                                   | :NA         | <b>1)RONALD F.LOCHOCKI JR.</b>                            |
| (87) International Publication No             | : NA        | <b>2)ROBERT L. MOSES</b>                                  |
| (61) Patent of Addition to Application Number | :NA         | <b>3)SHUSHAN BAI</b>                                      |
| Filing Date                                   | :NA         |                                                           |
| (62) Divisional to Application Number         | :NA         |                                                           |
| Filing Date                                   | :NA         |                                                           |

## (57) Abstract :

The present invention provides a pressure control system having a control solenoid with plurality of coils disposed therein, and operable to provide a plurality of pressure gain characteristics to a torque-transmitting mechanism. By selectively energizing the individual coils or a combination thereof, multiple pressure gains may be achieved with a minimum of additional system hardware.



(54) Title of the invention : HYDRAULIC ACTIVE DAMPING SYSTEM FOR GEARS AND METHOD

(51) International classification

:F16H55/14;  
F16H55/02

(31) Priority Document No

:11/209,605

(32) Priority Date

:23/08/2005

(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 :

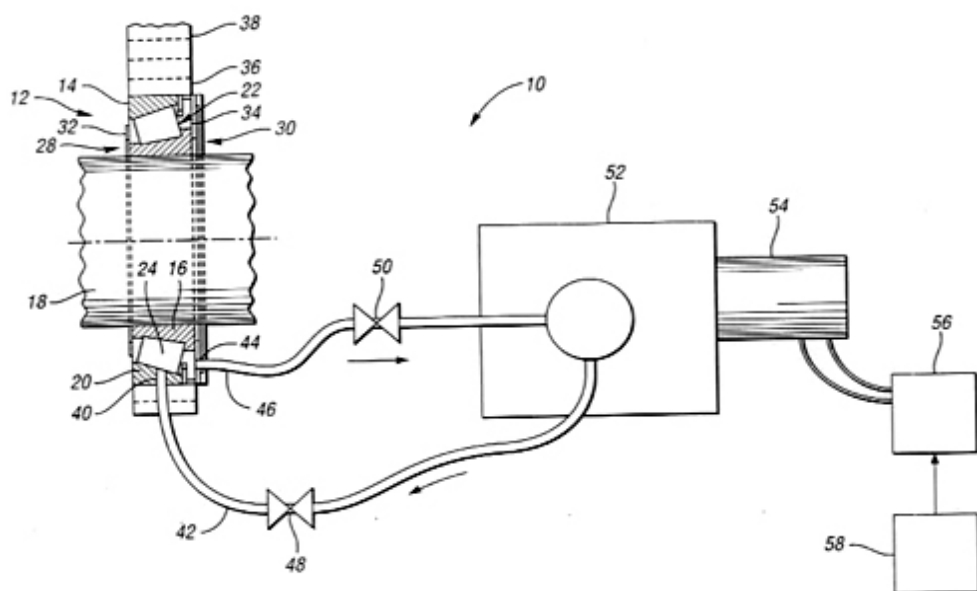
**1)GM GLOBAL TECHNOLOGY OPERATIONS INC.**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)MICHAEL FRANCIS O'LEARY****2)DAVID A. GILBERT****3)JEFFREY S. RAYCE**

(57) Abstract :

The present invention provides a hydraulic active damping system to damp gears, thereby reducing the occurrence of gear rattle or noise. The active nature of the present invention will allow the drag within the bearing to which the gear mounts to be selectively increased, by pressurizing an enclosed or specialized bearing with fluid during critical events. The pressure within the specialized bearing is subsequently decreased, thereby only increasing the system drag at critical operating conditions. The present invention also provides a method of damping gears by introducing pressurized fluid into a specialized bearing and subsequently reducing the fluid pressure therein.



(54) Title of the invention : HYDRAULIC CHAIN TENSIONER ASSEMBLY

(51) International classification

:F16H7/08

,F16H7/22

(31) Priority Document No

:11/198,552

(32) Priority Date

:05/08/2005

(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 :

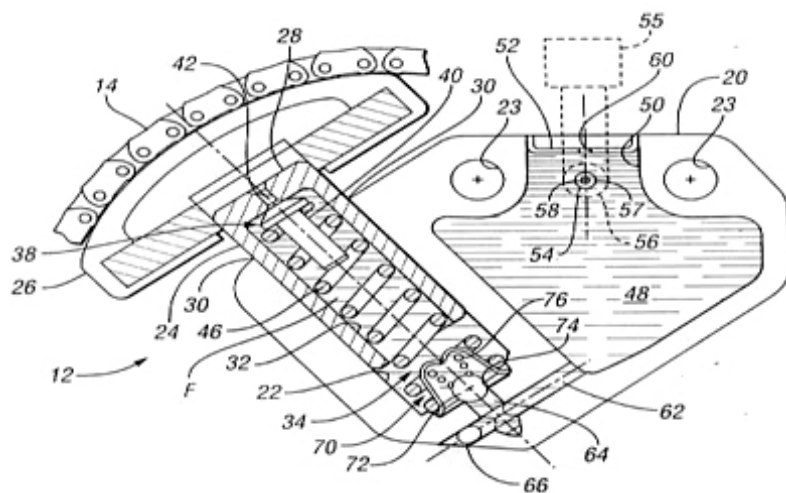
**1)GM GLOBAL TECHNOLOGY OPERATIONS INC.**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)JOHN M. BEARDMORE**

(57) Abstract :

A hydraulic chain tensioner assembly includes a plunger slider received within an opening in a tensioner body to define a controlled clearance and a substantially fluid-tight chamber. Pressure in a supply reservoir that is in fluid communication with the fluid-tight chamber is controlled to a relatively low level by appropriate sizing of the feed orifice and a bleed orifice in communication with the supply reservoir. Thus, apply force of a shoe connected to a plunger on a chain is a function of stiffness of a main spring that biases the plunger outward, and is not substantially affected by pressure of a fluid source supplying fluid to the reservoir. A method of manufacturing a hydraulic chain tensioner assembly is also provided.



(54) Title of the invention : LEARNED EGR VALVE POSITION CONTROL

(51) International classification

:F02M25/07;  
B60T7/12

(31) Priority Document No

:11/208,434

(32) Priority Date

:19/08/2005

(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 :

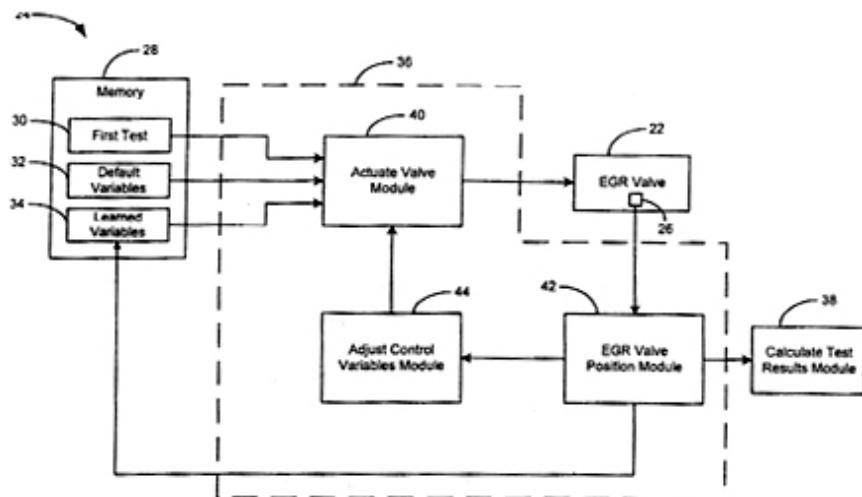
**1)GM GLOBAL TECHNOLOGY OPERATIONS INC.**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)KURT D. MCLAIN**

(57) Abstract :

An exhaust gas recirculation (EGR) valve positioning system according to the present invention includes an actuate valve module, an EGR valve position module, and an adjust control variables module. The actuate valve module selectively uses learned and default variables as control variables to position an EGR valve. The EGR valve position module determines whether the EGR valve is positioned in a target position. The adjust control variables module communicates with the actuate valve module and the EGR valve position module and adjusts the learned variables when the EGR valve position module determines that the EGR valve is positioned out of the target position.



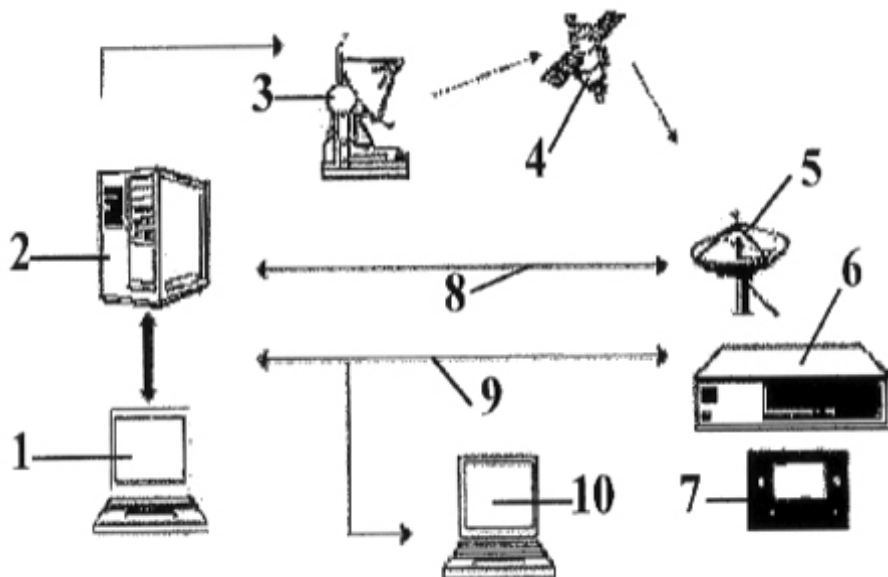
(54) Title of the invention : SYSTEMS AND EQUIPMENT FOR CREATING, DISTRIBUTING AND SCREENING CONTENTS IN AN INTERACTIVE NETWORK OF HIGH RESOLUTION SCREENS OR DIGITAL CINEMAS

(51) International classification :H04N7/20  
 (31) Priority Document No :NA  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :PCT/ES2004/000326  
 Filing Date :09/07/2004  
 (87) International Publication No :WO 2005/029862  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)DIGITAL CINEMA CORPORATION, S.L.**  
 Address of Applicant :C/HERMOSILLA NO.4,30-DERECHA, E-28001 MADRID, Spain  
 (72)**Name of Inventor :**  
**1)GONZALEZ MANZANARES, JESUS MARIA,**

(57) Abstract :

Systems and equipment for creating, distributing and screening contents in an interactive network of high resolution screens or digital cinemas combining a programming terminal (1), which sends files to the content server (2). which stores them and sends them to the satellite provider (3), where they are encapsulated and encoded before going to the satellite (4), which distributes the signal on the satellite dishes (5) of the cinemas, which transfer it to the tuner card of a local server (6), which decodes the files and sends them to the digital projector (7), which, by means of three colours (RGB), projects the image. A line of control of failures and incidents (8) for correct reception in the local server (6) of that which is sent by the satellite (4) and an ADSL line (9), which transmits deferred orders and packets at 2 Mb/s via a control centre (10).



(54) Title of the invention : BOTTLE STOPPER, PARTICULARLY FOR GLASS BOTTLES, WITH HIGHLY FUNCTIONAL USE

|                                               |                |
|-----------------------------------------------|----------------|
| (51) International classification             | :B65D41/04     |
| (31) Priority Document No                     | :MI2005U000261 |
| (32) Priority Date                            | :15/07/2005    |
| (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)PIERPAOLO URSO**

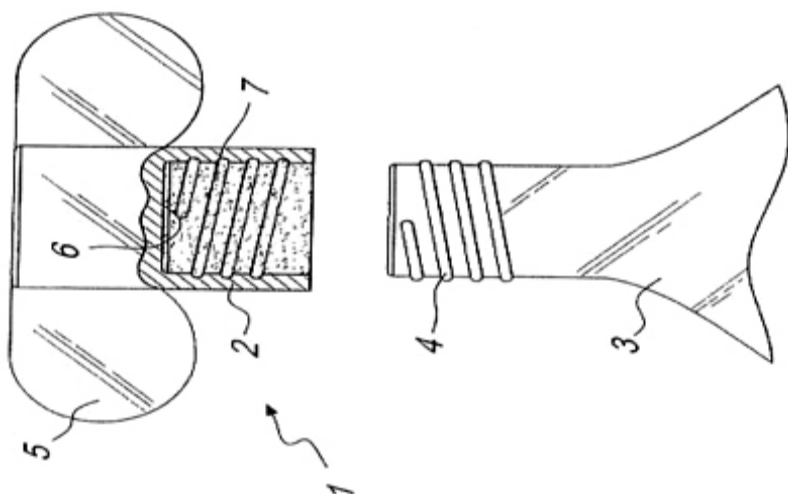
Address of Applicant :Via Pasubio,9,90144 palermo,Italy Italy

(72)Name of Inventor :

**1)PIERPAOLO URSO**

(57) Abstract :

A stopper, particularly but not exclusively for bottles made of glass, comprising a stopper body provided internally with a seat which allows mating with the neck of a bottle, the seat being threaded internally, the stopper body being made of glass, plastics or metal, and optionally a butterfly-shaped portion being located at the upper end of the stopper.



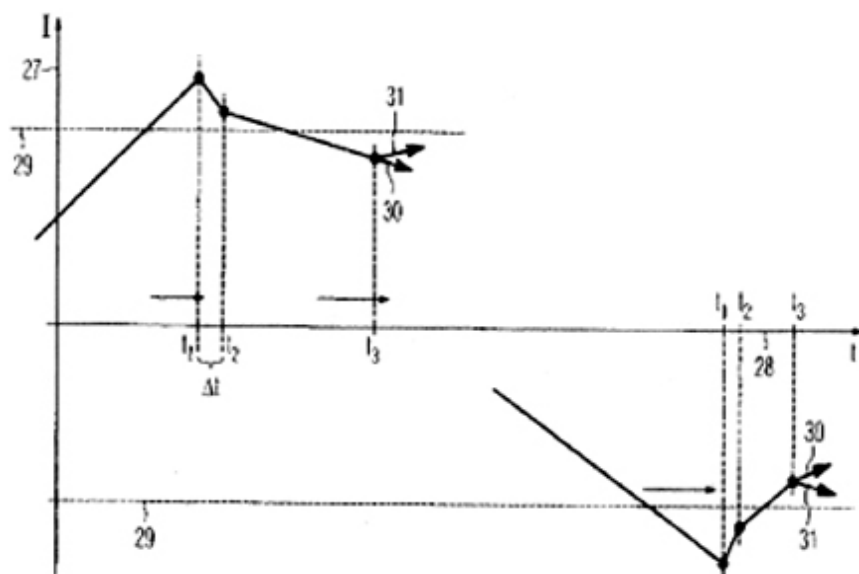


(54) Title of the invention : METHOD FOR REGULATING A CONVERTER CONNECTED TO A DC VOLTAGE SOURCE

|                                               |                    |                                                         |
|-----------------------------------------------|--------------------|---------------------------------------------------------|
| (51) International classification             | :H02J 3/34         | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :102004034333.0    | <b>1)SIEMENS AKTIENGESELLSCHAFT</b>                     |
| (32) Priority Date                            | :09/07/2004        | Address of Applicant :WITTELSBACHERPLATZ 2,8033 MUNCHEN |
| (33) Name of priority country                 | :Germany           | Germany                                                 |
| (86) International Application No             | :PCT/EP2005/053177 | (72)Name of Inventor :                                  |
| Filing Date                                   | :04/07/2005        | <b>1)FLOTTEMESCH,JORG</b>                               |
| (87) International Publication No             | :WO 2006/005695    | <b>2)WEINHOLD ,MICHAEL</b>                              |
| (61) Patent of Addition to Application Number | :NA                | <b>3)ZUROWSKI,RAINER</b>                                |
| Filing Date                                   | :NA                |                                                         |
| (62) Divisional to Application Number         | :NA                |                                                         |
| Filing Date                                   | :NA                |                                                         |

(57) Abstract :

The invention relates to a method for controlling an electronic power converter (9), which is connected to a direct-current source (12), comprises power conductor switches (10a...10f) that can be deactivated and which is designed to supply a distribution network (2) with three-phase voltage. According to said method, the currents that flow through the respective power semiconductor switches (10a...10f) are measured, whereby current values that are respectively assigned to the power semiconductor switches (10a...10f) are obtained, the current values are sampled and the sampled current values are digitised to obtain digital current values, the latter being checked by a logic that is implemented in a control unit for the presence of an excess current condition. If no excess current condition is detected, the power semiconductor switches (10a...10f) are activated and deactivated with the aid of a nominal operation controller and if an excess current condition is detected, at least the power semiconductor switches with assigned digital current values that fulfil the excess current condition are deactivated after a pulse block has expired. For the digital current values that fulfil the excess current condition, all power semiconductor switches (10a...10f), which are connected to the positive direct-current connection, are activated and all power semiconductor switches, which are connected to the negative direct-current connection are deactivated or vice versa. For the digital current values that do not fulfil the excess current condition. The power semiconductor switches (10a...10f) are controlled once again by the nominal operation controller.

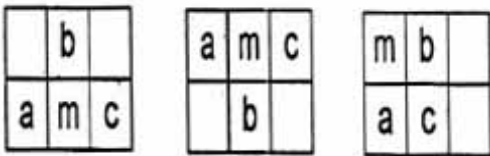


(54) Title of the invention : VIDEO ERROR CONCEALMENT METHOD.

|                                               |             |                                                   |
|-----------------------------------------------|-------------|---------------------------------------------------|
| (51) International classification             | :G09B 5/02  | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :11/180,899 | <b>1)POLYCOM , INC.</b>                           |
| (32) Priority Date                            | :13/07/2005 | Address of Applicant :4750 WILLOW ROAD PLEASANTON |
| (33) Name of priority country                 | :U.S.A.     | CALIFORNIA 94588 U.S.A.                           |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                    |
| Filing Date                                   | :NA         | <b>1)BOTZKO STEPHEN</b>                           |
| (87) International Publication No             | : NA        | <b>2)YONA ILAN</b>                                |
| (61) Patent of Addition to Application Number | :NA         | <b>3)ELBAZ MOSHE</b>                              |
| Filing Date                                   | :NA         | <b>4)HOROWITZ MICHAEL</b>                         |
| (62) Divisional to Application Number         | :NA         |                                                   |
| Filing Date                                   | :NA         |                                                   |

(57) Abstract :

Disclosed herein is a system and method for reconstruction video information lost as a result of transmission errors. The system and method have four aspects, including: (1) changing the bit and/or packet rate; (2) inserting redundant information into the video bitstream; (3) providing automatic refresh of certain regions of the video on a periodic basis; and (4) interleaving coded macroblocks into diversity groups for transmission to spatially spread the effect of lost packets. The image reconstruction may then take advantage of these three aspects to provide an enhanced result in the presence of transmission losses.

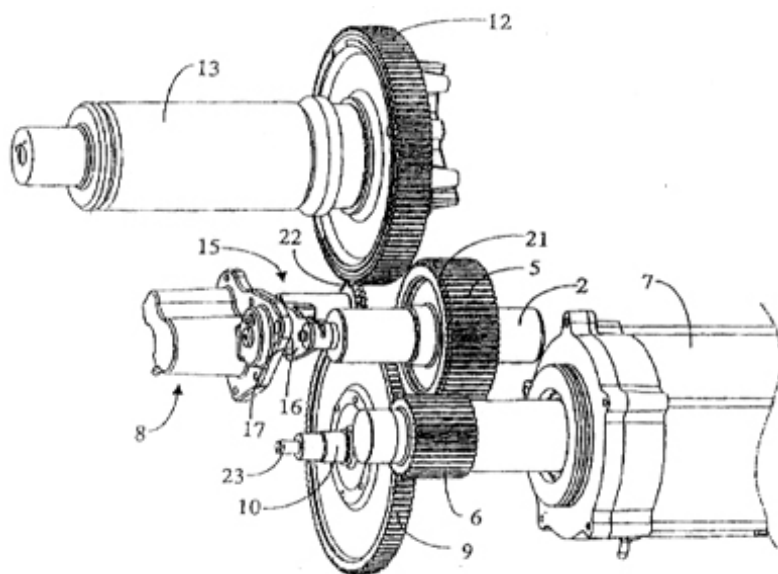


## (54) Title of the invention : DRIVE SYSTEM FOR A WEAVING LOOM

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :D03D 51/02        | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :2004/0330         | <b>1)PICANOL N.V.,</b>                                   |
| (32) Priority Date                            | :05/07/2004        | Address of Applicant :BELGIUM,TER WAARDE 50 B-8900 IEPER |
| (33) Name of priority country                 | :Belgium           | Belgium                                                  |
| (86) International Application No             | :PCT/EP2005/007166 | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :02/07/2005        | <b>1)ADRIAEN, MARC</b>                                   |
| (87) International Publication No             | :WO 2006/002962    |                                                          |
| (61) Patent of Addition to Application Number | :NA                |                                                          |
| Filing Date                                   | :NA                |                                                          |
| (62) Divisional to Application Number         | :NA                |                                                          |
| Filing Date                                   | :NA                |                                                          |

## (57) Abstract :

In a drive system for a weaving loom comprising a switching wheel (5) which can be driven by means of a main drive motor (7) and can be axi-ally displaced between at least two switching positions, which, in a first switching position, is in drive connection with two groups of elements to be driven (9, 10, 11; 12, 13, 14) and, in a second switching position, is disengaged from one of the groups of elements to be driven (12, 13, 14), a device (15) is provided which becomes active as the drive connection with one group is disengaged and which has a tooth element (22) which engages with a gear wheel (12) of the group of elements to be driven (12, 13, 14) and disengaged from the switching wheel (5).

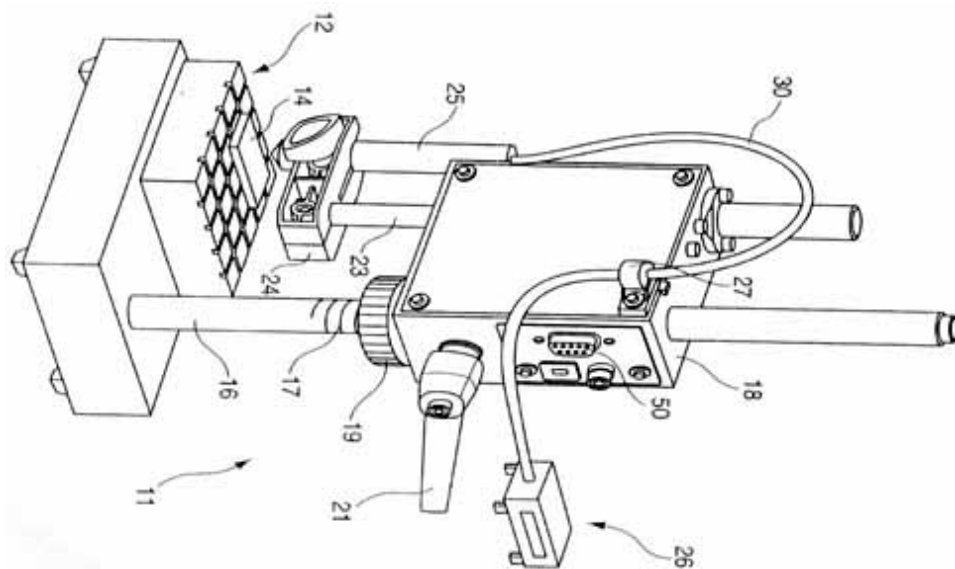


(54) Title of the invention : MEASUREMENT STAND FOR HOLDING A MEASURING INSTRUMENT.

|                                               |                 |                                                                   |
|-----------------------------------------------|-----------------|-------------------------------------------------------------------|
| (51) International classification             | :F16B 17/00     | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :102005034515.8 | <b>1)IMMOBILIENGESSELLSCHAFT HELMUT FISCHER GMBH &amp; CO.KG.</b> |
| (32) Priority Date                            | :20/07/2005     | Address of Applicant :INDUSTRIESTRASSE 21, D-71069                |
| (33) Name of priority country                 | :Germany        | SINDELFINGEN, Germany                                             |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA             | <b>1)HELMUT FISCHER</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 measurement stand for holding a measuring device (26), in particular a measuring arrangement (26) for measuring the thickness of thin layers, said measurement stand comprising a housing (18) in which a cam follower (23) is guided such that it can be moved up and down and the measuring device (26) is arranged at that end of said housing (18) that faces the measuring object (14), wherein a drive unit (29) with an electric drive (28) drives the lifting movement of the cam follower (23), wherein said drive unit (29) initiates in the down movement at least one first movement phase with a rapid motion and at least one further movement phase of the cam follower (23) with a creep motion until the measuring device (26) touches down on the measuring object (14).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.695/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR PRODUCING A ROVING AND ROVING PRODUCTION MACHINE.

|                                                  |                                              |                                                                                                                                            |
|--------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                | :B65H54/28;B65H54/72;B65H54/74;<br>B65H54/00 | (71) <b>Name of Applicant :</b><br><b>1)SSM SCHARER SCHWEITER METTLER AG</b><br>Address of Applicant :NEUGASSE 10, 8812 HORGEN Switzerland |
| (31) Priority Document No                        | :05015849.2                                  | (72) <b>Name of Inventor :</b>                                                                                                             |
| (32) Priority Date                               | :21/07/2005                                  | <b>1)THERY, DAVID</b>                                                                                                                      |
| (33) Name of priority country                    | :EUROPEAN UNION                              | <b>2)ALLEMANN, JEAN-CLAUDE</b>                                                                                                             |
| (86) International Application No                | :NA                                          |                                                                                                                                            |
| Filing Date                                      | :NA                                          |                                                                                                                                            |
| (87) International Publication No                | : NA                                         |                                                                                                                                            |
| (61) Patent of Addition to Application<br>Number | :NA                                          |                                                                                                                                            |
| Filing Date                                      | :NA                                          |                                                                                                                                            |
| (62) Divisional to Application<br>Number         | :NA                                          |                                                                                                                                            |
| Filing Date                                      | :NA                                          |                                                                                                                                            |

(57) Abstract :

A method is proposed for producing a roving on a roving bobbin, especially for a ring spinning machine or a twisting machine, and a roving production machine for carrying out the method. The roving is produced from at least one fully drawn semi-finished product that is present in multifilament form, wherein the semi-finished product is supplied to a stretch-break zone and a breaking conversion of the semi-finished product is carried out in the stretch-break zone to produce a staple sliver. The roving bobbin is directly created by winding the roving present as staple sliver onto the roving bobbin.

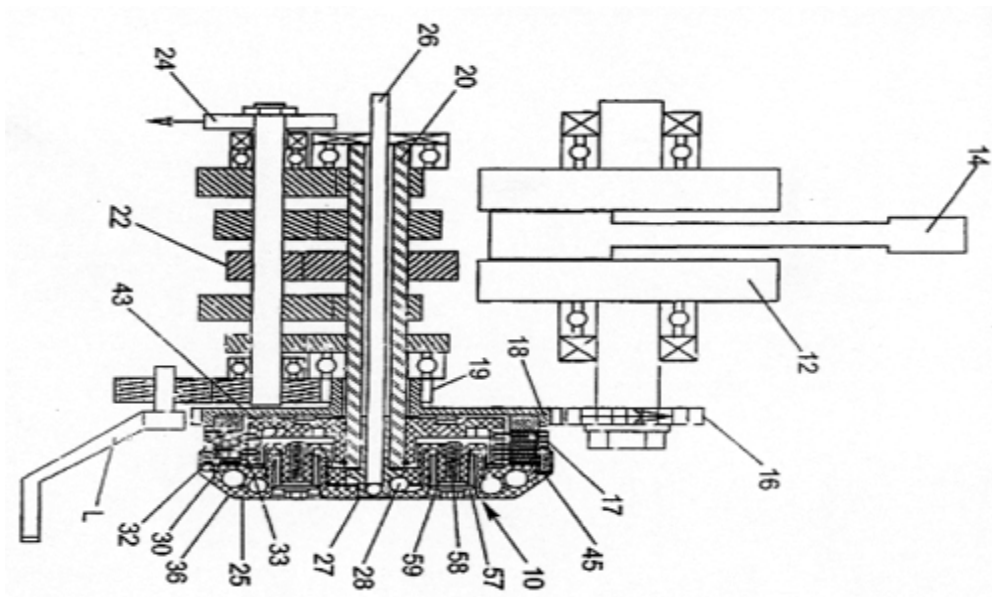
## (54) Title of the invention : CENTRIFUGAL CLUTCH

(51) International classification :F16D 43/08  
 (31) Priority Document No :10/863,680  
 (32) Priority Date :08/06/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/018763  
 Filing Date :27/05/2005  
 (87) International Publication No :WO 2005/124178  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)DRUSSEL WILFLEY DESIGN LLC**  
 Address of Applicant :P.O.BOX 2330, DENVER, CO 82201 U.S.A  
 U.S.A.  
 (72)**Name of Inventor :**  
**1)DRUSSEL, DOUGLAS, W ;**  
**2)WILFLEY, GEORGE, MICHAEL**

## (57) Abstract :

A clutch (10, 101) having a plurality of cam members (38-40) between a cover (25, 116, 232) and pressure plate (30, 114, 230) to move outwardly under centrifugal force and cause the pressure plate to move axially to force a plurality of clutch plates (32, 34) into clutching engagement, a manual override mechanism (20), 77, 100) to lock out the pressure plate to maintain the clutch plates in a disengaged position, and pressure-limiting springs(136, 272, 272A) prevent shock loads from being imparted to the clutch plates when the plates are advanced into clutching engagement with one another. The clutch housing (126) includes a cover (116, 232) which can be mounted either flush or inset in circumferentially spaced walls (128) of the housing and held in place by a retaining ring (134) inserted into slots (132) in the side walls and is adaptable for use with any type of clutch with or without the manual override mechanism and pressure limiting springs.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.70/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :05/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : CELECOXIB COMPOSITIONS

|                                               |                                       |                                                                                                                                                                                           |
|-----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K9/14;<br>A61K31/415;<br>A61K9/20 | (71) <b>Name of Applicant :</b><br><b>1)G.D.SEERLE &amp;CO.</b><br>Address of Applicant :A CORPORATION OF THE STATE OF<br>DELAWARE,5200 OLD ORCHARD ROAD,SHOKIE,ILLINOIS 60077,<br>U.S.A. |
| (31) Priority Document No                     | :60/110, 333                          | (72) <b>Name of Inventor :</b>                                                                                                                                                            |
| (32) Priority Date                            | :30/11/1998                           | <b>1)GAO,DANCHEN</b>                                                                                                                                                                      |
| (33) Name of priority country                 | :U.S.A.                               | <b>2)HLINAK ANTHONY J.</b>                                                                                                                                                                |
| (86) International Application No             | :PCT/US99/28411                       | <b>3)MAZHARY,AHMAD M.1461 lancaster lane</b>                                                                                                                                              |
| Filing Date                                   | :30/11/1999                           | <b>4)TRUELOVE,,JAMES E</b>                                                                                                                                                                |
| (87) International Publication No             | :WO 2000/032189                       | <b>5)VAUGHN,MARGARFET B.WOODHUL</b>                                                                                                                                                       |
| (61) Patent of Addition to Application Number | :NA                                   |                                                                                                                                                                                           |
| Filing Date                                   | :NA                                   |                                                                                                                                                                                           |
| (62) Divisional to Application Number         | :IN/PCT/2000/00106                    |                                                                                                                                                                                           |
| Filed on                                      | :28/06/2000                           |                                                                                                                                                                                           |

(57) Abstract :

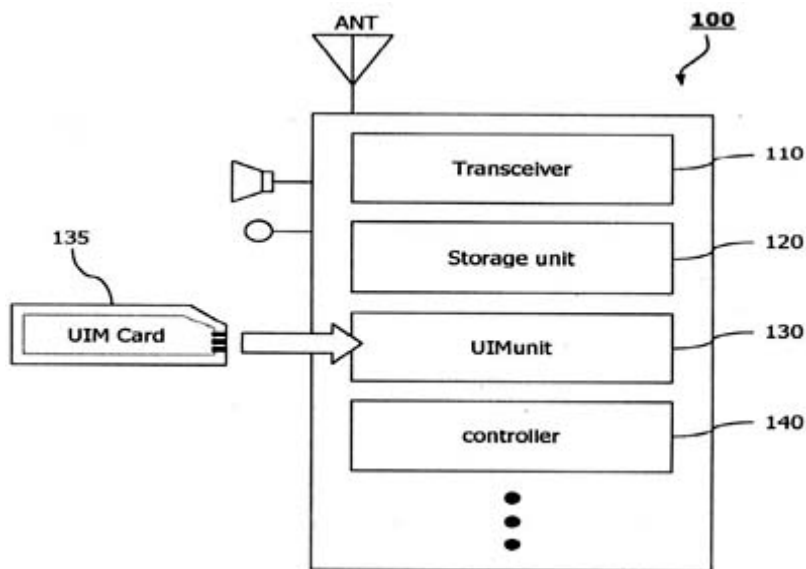
A pharmaceutical composition comprising a) about 1 to about 95 weight percent of celecoxib; b) about 5 to about 99 weight percent of lactose; c) about 2 to about 10 weight percent of croscarmellose sodium; d) about 0,5 to about 10 weight percent of polyvinylpyrrolidone; e) 0 to about 7 weight percent of sodium lauryl sulfate; and f) 0 to about 5 weight percent of magnesium stearate.

(54) Title of the invention : "MOBILE COMMUNICATION TERMINAL AND METHOD FOR PROVIDING CALL-FORWARDING INFORMATION."

|                                               |                    |                                                    |
|-----------------------------------------------|--------------------|----------------------------------------------------|
| (51) International classification             | :H04Q 7/38         | (71) <b>Name of Applicant :</b>                    |
| (31) Priority Document No                     | :66385/2005        | <b>1)LG ELECTRONICS INC.</b>                       |
| (32) Priority Date                            | :21/07/2005        | Address of Applicant :20, YOIDO-DONG YONGDUNGPO-GU |
| (33) Name of priority country                 | :Republic of Korea | SEOUL Republic of Korea                            |
| (86) International Application No             | :NA                | (72) <b>Name of Inventor :</b>                     |
| Filing Date                                   | :NA                | <b>1)NOH BERM-SEOK</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 mobile communication terminal and a method for providing call-forwarding information are disclosed. The method includes transmitting a registration message or an origination message including user identity information to a network and receiving call-forwarding information of a corresponding subscriber included in an ACK message, thereby providing call-forwarding information interworked with the network and the mobile communication terminal. Accordingly, a user of the mobile communication terminal can precisely recognize accurate call-forwarding information in real time.



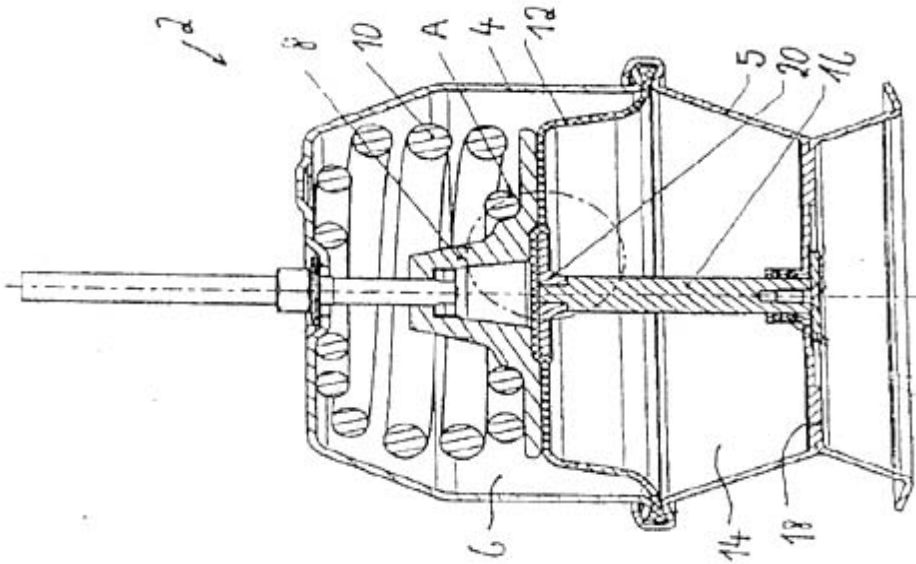


(54) Title of the invention : "SPRING-ACTUATED AIR-BRAKE CYLINDER FOR VEHICLE BRAKE SYSTEMS"

|                                               |             |                                                  |
|-----------------------------------------------|-------------|--------------------------------------------------|
| (51) International classification             | :F01B 7/00  | (71)Name of Applicant :                          |
| (31) Priority Document No                     | :10 2005    | <b>1)WABCO GMBH &amp; CO. OHG</b>                |
| (32) Priority Date                            | 033 820.8   | Address of Applicant :AM LINDENER HAFEN 21 30453 |
| (33) Name of priority country                 | :20/07/2005 | HANNOVER GERMANY Germany                         |
| (86) International Application No             | :Germany    | (72)Name of Inventor :                           |
| Filing Date                                   | :NA         | <b>1)SCHRADER FRANK</b>                          |
| (87) International Publication No             | :NA         | <b>2)BRANDT OLIVER</b>                           |
| (61) Patent of Addition to Application Number | :NA         | <b>3)EWALD JURGEN</b>                            |
| Filing Date                                   | :NA         | <b>4)MATTHIAS WILFRIED</b>                       |
| (62) Divisional to Application Number         | :NA         | <b>5)RICHTER ANDREAS</b>                         |
| Filing Date                                   | :NA         |                                                  |

## (57) Abstract :

A spring-actuated air-brake cylinder as the diaphragm cylinder for vehicle brake systems includes a diaphragm, an actuator-spring chamber in which there is received a spring-actuated piston, which is acted on by a compression spring as the actuator spring and is actively connected to the diaphragm, which is disposed between the actuator-spring chamber and a pressure chamber, in which there is guided moveably a sealed push rod, which can include a pressure member on its diaphragm side. The spring-actuated diaphragm is connected to the push rod or to the pressure member or to the spring-actuated piston by means of vulcanization.

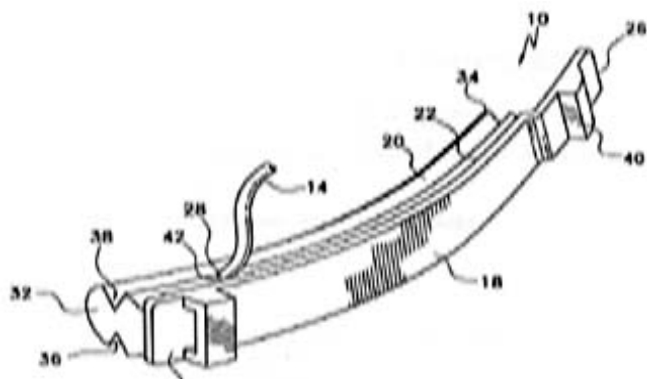


(54) Title of the invention : ACCORDION - LIKE GASTRIC BAND

|                                               |                |                                                                       |
|-----------------------------------------------|----------------|-----------------------------------------------------------------------|
| (51) International classification             | :A61B<br>17/12 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO -SURGERY,INC</b> |
| (31) Priority Document No                     | :11/182,071    | Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A.      |
| (32) Priority Date                            | :15/07/2005    | (72) <b>Name of Inventor :</b>                                        |
| (33) Name of priority country                 | :U.S.A.        | <b>1)MARK TSONTON</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 gastric band includes a belt and a balloon secured to the belt. The balloon and belt being shaped and dimensioned to circumscribe the stomach at a predetermined location. The balloon includes a longitudinally extending body with at least one crease formed therein, the crease extending along a longitudinal axis of the body for providing the balloon with a reduced noninflated profile without reducing the fill volume of the fully expanded balloon.



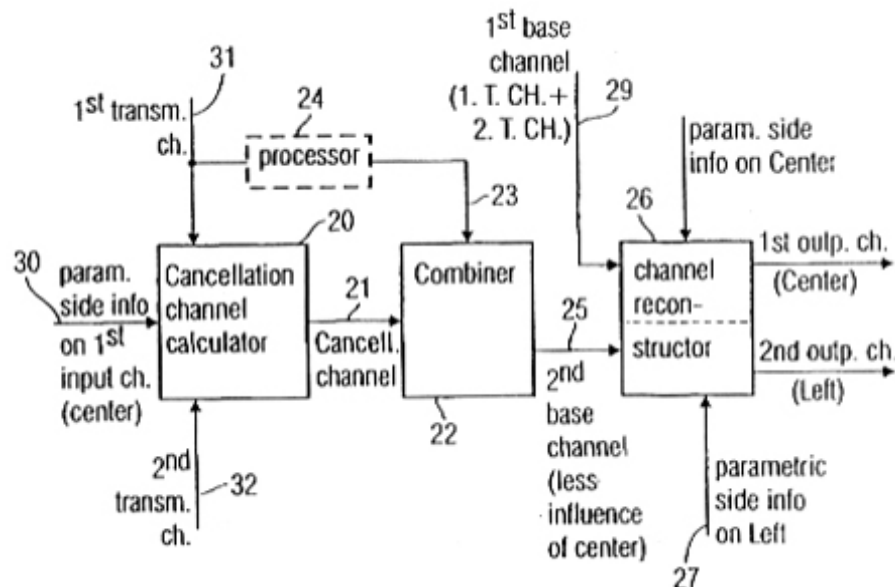
(54) Title of the invention : APPARATUS AND METHOD FOR GENERATING A MULTI-CHANNEL OUTPUT SIGNAL

(51) International classification :G10L 19/00  
 (31) Priority Document No :60/586,578  
 (32) Priority Date :09/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/EP2005/005199  
 Filing Date :12/05/2005  
 (87) International Publication No :WO 2006/005390  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.**  
 Address of Applicant :HANSASTRASSE 27 C 80686 MUNICH GERMANY Germany  
**2)AGERE SYSTEMS INC**  
 (72)Name of Inventor :  
**1)JUERGEN HERRE**  
**2)CHRISTOF FALLER**  
**3)SASCHA DISCH**  
**4)JOHANNES HILPERT**

## (57) Abstract :

An apparatus for generating a multi-channel output signal performs a center channel cancellation to obtain improved base channels for reconstructing left-side output channels or right-side output channels. In particular, the apparatus includes a cancellation channel calculator (20) for calculating a cancellation channel using information related to the original center channel available at the decoder. The device furthermore includes a combiner (22) for combining a transmission channel with the cancellation channel. Finally, the apparatus includes a reconstructor (26) for generating the multi-channel output signal. Due to the center channel cancellation, the channel reconstructor (26) not only uses a different base channel for reconstructing the center channel but also uses base channels different from the transmission channels for reconstructing left and right output channels which have a reduced or even completely cancelled influence of the original center channel.



(54) Title of the invention : GASTRIC BAND WITH MATING END PROFILES

(51) International classification

:A61B

17/12

(31) Priority Document No

:11/182,070

(32) Priority Date

:15/07/2005

(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)ETHICON ENDO-SURGERY,INC**

Address of Applicant :4545 CREEK ROAD CINCINNATI,OH 45242

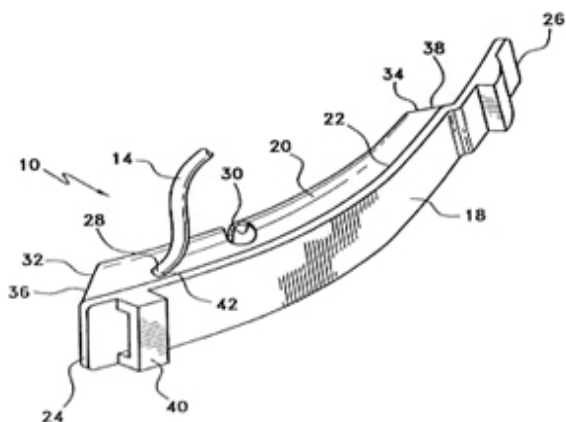
U.S.A. U.S.A.

(72)Name of Inventor :

**1)DANIEL F. DLUGOS**

(57) Abstract :

A gastric band includes a belt and a balloon secured to the belt. The balloon and belt are shaped and dimensioned to circumscribe the stomach at a predetermined location. The balloon includes a longitudinally extending body having a first end and a second end, the first end and the second end respectively including mating profiles which align to create generally continuous surfaces along an outer surface of the gastric band and an inner surface of the gastric band as the outer surface and the inner surface transition between the first and second ends of the balloon.

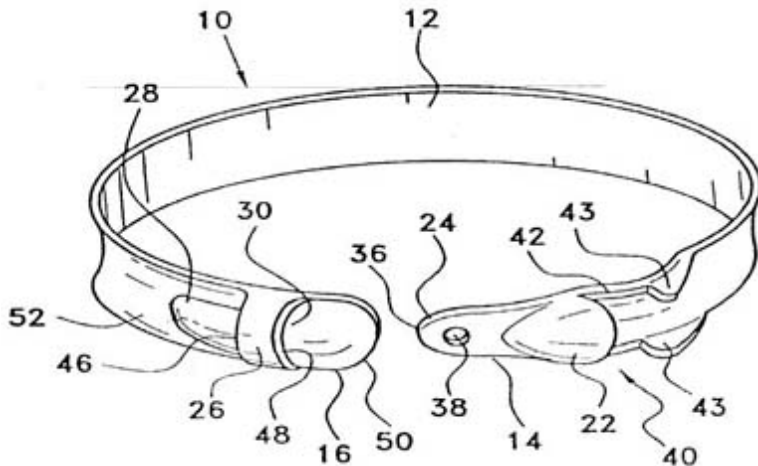


(54) Title of the invention : LATCHING DEVICE FOR GASTRIC BAND

|                                               |             |                                                           |
|-----------------------------------------------|-------------|-----------------------------------------------------------|
| (51) International classification             | :A61B17/12  | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :11/182,072 | <b>1)ETHICON ENDO-SURGERY,INC</b>                         |
| (32) Priority Date                            | :15/07/2005 | Address of Applicant :4545 CREEK ROAD CINCINNATI,OH 45242 |
| (33) Name of priority country                 | :U.S.A.     | U.S.A.                                                    |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                    |
| Filing Date                                   | :NA         | <b>1)NORMAN D. CRAWFORD</b>                               |
| (87) International Publication No             | : NA        | <b>2)LAUREN S.PERRY</b>                                   |
| (61) Patent of Addition to Application Number | :NA         | <b>3)PATRICK J.SWINDON</b>                                |
| Filing Date                                   | :NA         |                                                           |
| (62) Divisional to Application Number         | :NA         |                                                           |
| Filing Date                                   | :NA         |                                                           |

(57) Abstract :

A gastric band includes a band body having a first end and a second end. The band body includes a latching mechanism. The latching mechanism is composed of a Shell member at the first end of the band body and a collar member at the second end Of the band body, the shell member and collar member being shaped and dimensioned for selective locking and unlocking in a manner creating a loop of the gastric band for positioning about a stomach wall.



(54) Title of the invention : AIR DYNAMIC STEADY STATE AND TRANSIENT DETECTION METHOD FOR CAM PHASER MOVEMENT

(51) International classification

:G01N

33/497

(31) Priority Document No

:60/702,091

(32) Priority Date

:22/07/2005

(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 :

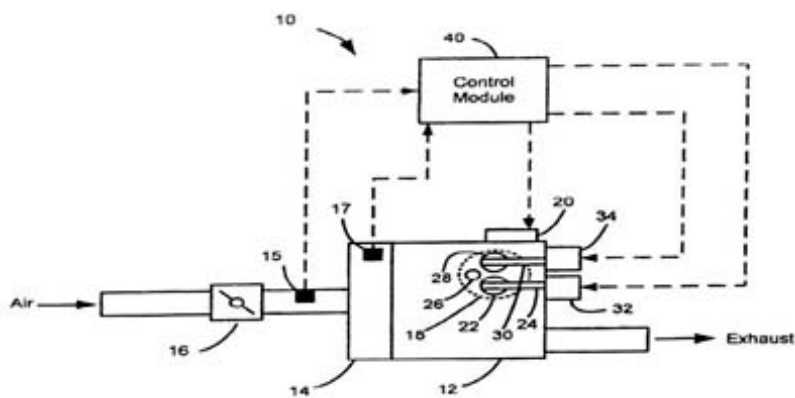
**1)GM GLOBAL TECHNOLOGY OPERATION INC.**Address of Applicant :300 GM Renaissance Center,Detroit,Michigan  
48265-3000,U.S.A. U.S.A.

(72)Name of Inventor :

**1)LAYNE K. WIGGINS****2)GREGORY P. MATTHEWS**

(57) Abstract :

An air dynamic steady state detection system for movement of a cam phaser of an internal combustion engine includes a cam position sensing device and a control module. The cam position sensing device generates a position signal based on a position of the cam phaser of the engine. The control module receives the position signal and applies first and second filters to the position signal to select either a transient or steady state condition. The control module also calculates an estimated air value based on the selection of the transient or steady state condition.



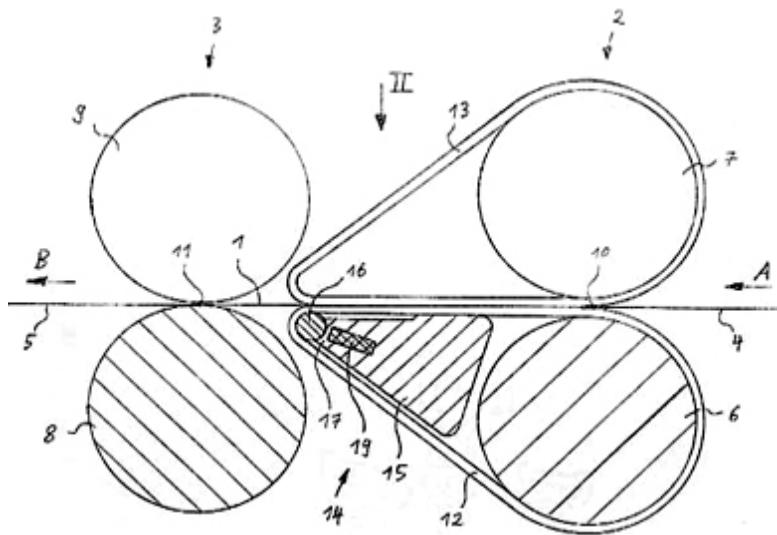
(54) Title of the invention : A DEVICE FOR GUIDING A BOTTOM APRON IN DRAFTING DEVICES

|                                               |                 |                                                                     |  |
|-----------------------------------------------|-----------------|---------------------------------------------------------------------|--|
| (51) International classification             | :B43L 7/04      | (71) <b>Name of Applicant :</b>                                     |  |
| (31) Priority Document No                     | :102005039108.7 | <b>1)MASCHINENFABRIK RIETER AG</b>                                  |  |
| (32) Priority Date                            | :10/08/2005     | Address of Applicant :Klosterstrasse 20 8046 Winterthur Switzerland |  |
| (33) Name of priority country                 | :Germany        | Switzerland                                                         |  |
| (86) International Application No             | :NA             | (72) <b>Name of Inventor :</b>                                      |  |
| Filing Date                                   | :NA             | <b>1)Peter BLANKENHORN,</b>                                         |  |
| (87) International Publication No             | : NA            | <b>2)Gerd STAHLER</b>                                               |  |
| (61) Patent of Addition to Application Number | :NA             | <b>3)Gerd STAHLER</b>                                               |  |
| Filing Date                                   | :NA             |                                                                     |  |
| (62) Divisional to Application Number         | :NA             |                                                                     |  |
| Filing Date                                   | :NA             |                                                                     |  |

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(57) Abstract :

A Device for guiding a bottom apron in drafting units for drafting fibre strands comprises a guiding table for the bottom apron, a rotatable deflecting roller for the bottom apron and a bearing arrangement for the deflecting roller. The bearing arrangement comprises a radial and an axial bearing. The deflecting roller is held in guiding table by the radial and the axial bearing. The radial bearing can comprise means, for example a magnet, for preventing the deflecting roller from falling out.



(54) Title of the invention : "METHOD FOR DETECTING DECREASE IN INNER PRESSURE OF TIRE USING GPS SPEED INFORMATION"

(51) International classification

:G01M

17/02

(31) Priority Document No

:2005-

230791

(32) Priority Date

:09/08/2005

(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)SUMITOMO RUBBER INDUSTRIES LTD.**

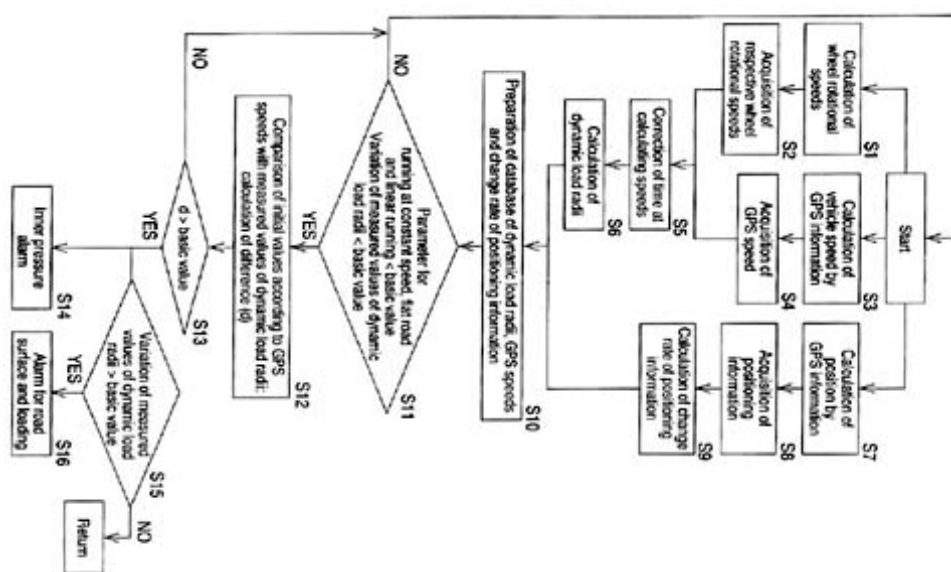
Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME CHUO-KU, KOBE-SHI HYOGO-KEN Japan

(72)Name of Inventor :

**1)YUKIO NAKAO**

(57) Abstract :

Provided is a method for detecting decrease in an inner pressure of a tire with excellent accuracy by calculating accurate dynamic load radii by comparing the GPS speed information with tire rotational speed information collecting data only when a stable measurement of the dynamic load radii is possible, as well as by utilizing GPS positioning information for a running state of a vehicle, and an apparatus and a program thereof. The present invention is characterized in judging decrease in an inner pressure of a tire from change in size of dynamic load radii by comparing an effective dynamic load radius with an initial value preliminarily stored as a dynamic load radius at a normal inner pressure, wherein the effective dynamic load radius is obtained by calculating an apparent dynamic load radius of a tire at running by successively comparing a calculated speed of a vehicle by a GPS device, in which the speed of the vehicle at running is calculated from information obtained by the GPS device, with a rotational speed of the tire obtained by a tire rotational speed detection apparatus installed on tire rotational portions of four wheels of the vehicle, and judging the apparent dynamic load radius to be effective only when a running state is judged to be straight on a flat road at a constant speed from GPS positioning information.



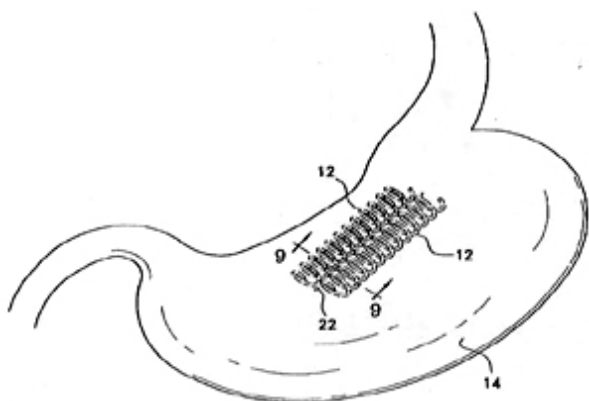


(54) Title of the invention : SINGLE PASS GASTRIC RESTRICTION WITH A CORKSCREW STYLE WALL ANCHOR

|                                               |                |                                                                                                                                          |
|-----------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61M<br>29/00 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY,INC</b><br>Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A. |
| (31) Priority Document No                     | :11/197,544    | (72) <b>Name of Inventor :</b>                                                                                                           |
| (32) Priority Date                            | :05/08/2005    | <b>1)Mark S. Ortiz</b>                                                                                                                   |
| (33) Name of priority country                 | :U.S.A.        | <b>2)David B.Griffith</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 gastric reduction apparatus endoscopically draws stomach walls into apposition. The apparatus includes an applicator body having a proximal end and a distal end. The applicator body also includes a suction slot shaped and dimensioned for housing a corkscrew anchor. A firing mechanism is associated with the corkscrew anchor for rotation of the corkscrew anchor in a manner causing the corkscrew anchor to penetrate and engage tissue brought adjacent the suction slot. A method for gastric reduction is achieved by introducing a gastric reduction apparatus as disclosed above within the stomach of an individual, applying the corkscrew anchor to a stomach wall and drawing stomach walls together to create a cavity within the stomach.

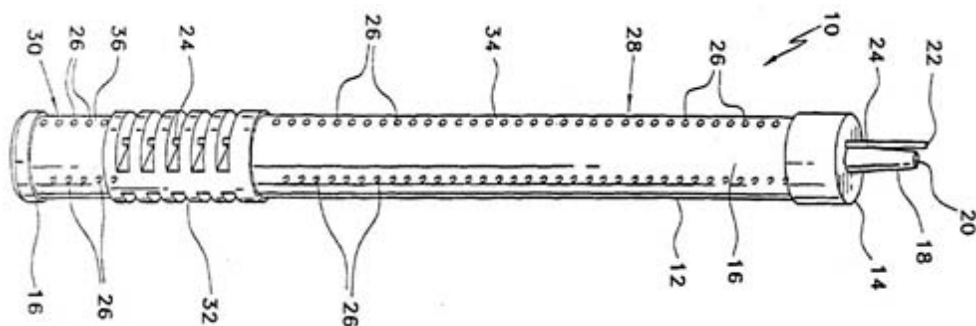


(54) Title of the invention : METHOD AND APPARATUS FOR ENDOSCOPICALLY PERFORMING GASTRIC REDUCTION SURGERY.

|                                               |             |                                                                   |  |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|--|
| (51) International classification             | :A61B17/04  | (71)Name of Applicant :                                           |  |
| (31) Priority Document No                     | :11/197,530 | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |  |
| (32) Priority Date                            | :05/08/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |  |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                            |  |
| (86) International Application No             | :NA         | <b>1)Mark S. Ortiz</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 articulating endoscopic instrument is adapted for properly orienting the stomach for cutting and stapling in an efficient manner. The instrument includes a body member having a first end and a second end, a plurality of suction holes along the body member in fluid communication with a suction inlet at the first end of the body member for the creation of suction along the body member and an articulating joint positioned along the body member. A method for gastric reduction surgery is achieved by inserting an articulating endoscopic instrument within the stomach and articulating the articulating endoscopic instrument to generally assume the shape of the relaxed stomach, applying suction through the articulating endoscopic instrument to draw the stomach tissue into contact with the articulating endoscopic instrument, articulating the articulating endoscopic instrument to a desired orientation and completing the gastric reduction surgery.

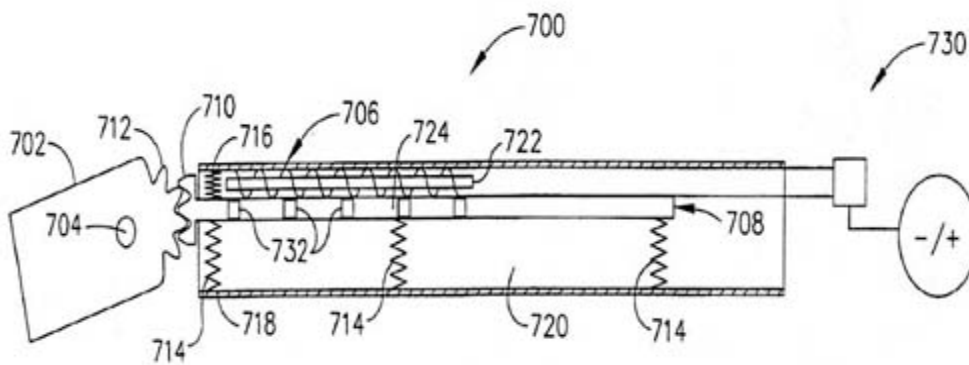


(54) Title of the invention : SURGICAL INSTRUMENT WITH Laterally Moved Shaft Actuator Coupled to Pivoting Articulation Joint

|                                               |                |                                                                   |
|-----------------------------------------------|----------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B<br>17/28 | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/184,159    | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |
| (32) Priority Date                            | :19/07/2005    | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.        | (72)Name of Inventor :                                            |
| (86) International Application No             | :NA            | <b>1)KENNETH S. WALES</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 surgical instrument particularly suited to endoscopic use articulates an end effector by including a laterally sliding member in a proximal portion of a shaft that pivots the end effector to a selected side. Differentially opposing actuating forces (e.g., hydraulic, fluidic, mechanical) act against the laterally sliding member without binding by incorporating guidance mechanisms between the laterally sliding member and a frame of the shaft.



(54) Title of the invention : METHOD FOR PRODUCTION OF A FLAT COMMUTATOR AND CONDUCTOR BLANK FOR A FLAT COMMUTATOR

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01R 39/06        |
| (31) Priority Document No                     | :10 2004 034 434.5 |
| (32) Priority Date                            | :16/07/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/007084 |
| Filing Date                                   | :30/06/2005        |
| (87) International Publication No             | :WO 2006/007952    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)KOLEKTOR GROUP D.O.O.**

Address of Applicant :VOJKOVA 10, P.P.85,5280 IDRIJA  
SLOVENIA Slovenia

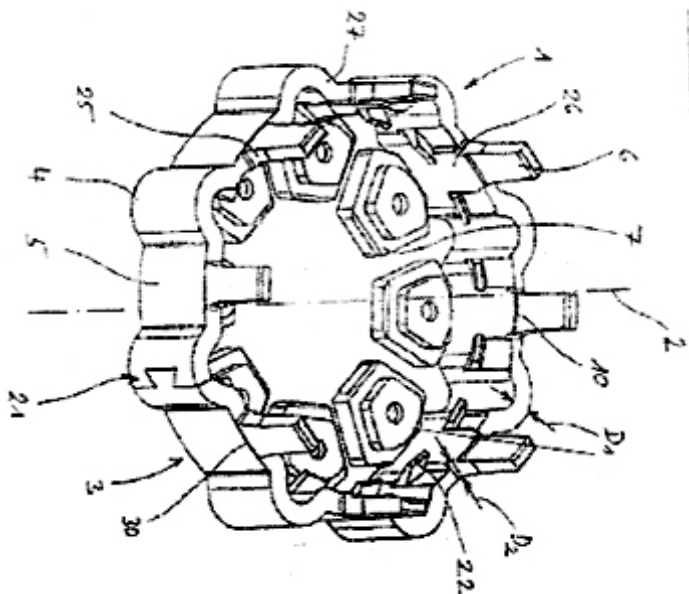
(72)Name of Inventor :

**1)POTOCNIK, JOSE**

**2)KOGJEJ,BORIS**

(57) Abstract :

In the production of a flat commutator with carbon running surfaces, an annularly closed corrugated conductor blank (1) provided with conductor segments (3) and bridging parts (4) connecting them to one another is produced by rolling from a strip portion that is profiled in the form of longitudinal tiers and that was punched out along its periphery to form contact tabs (7) and terminal hooks (6). After rolling of the strip portion, contact tabs (7) of the conductor segments are bent inward toward the axis (2) and profiled in axial direction on both axial end faces by a shearing process. The conductor blank is joined together with an annular carbon disk to form a composite part, on which a support member is injection-molded. The annular carbon disk is then divided into individual carbon segments, and the bridging parts are removed or severed.

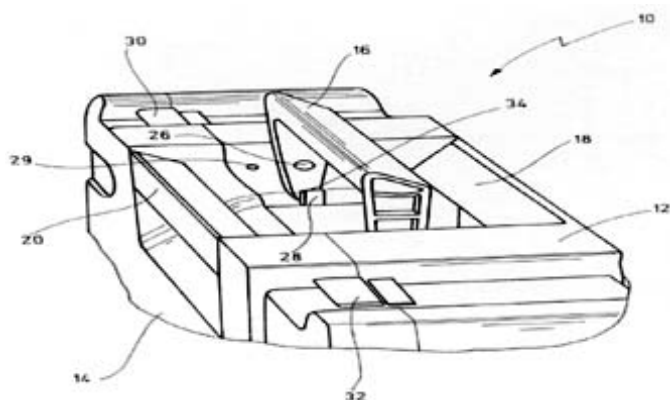


(54) Title of the invention : PORTABLE BOX

|                                               |                 |                                                               |
|-----------------------------------------------|-----------------|---------------------------------------------------------------|
| (51) International classification             | :B65D 21/00     | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :202005013057.5 | <b>1)C. &amp; E. FEIN GMBH</b>                                |
| (32) Priority Date                            | :12/08/2005     | Address of Applicant :Hans-Fein-Strasse 81, 73529 Schwaebisch |
| (33) Name of priority country                 | :Germany        | Gmuend-Bargu Germany                                          |
| (86) International Application No             | :NA             | (72) <b>Name of Inventor :</b>                                |
| Filing Date                                   | :NA             | <b>1)Heinrich Henssler</b>                                    |
| (87) International Publication No             | : NA            | <b>2)Martin Schultheiss</b>                                   |
| (61) Patent of Addition to Application Number | :NA             | <b>3)Rainer Warnicki</b>                                      |
| Filing Date                                   | :NA             |                                                               |
| (62) Divisional to Application Number         | :NA             |                                                               |
| Filing Date                                   | :NA             |                                                               |

(57) Abstract :

A portable box (10) is disclosed which is particularly suited for storing and carrying power tools. The box (10) comprises a main handle (16) and preferably two side handles (18, 20) arranged at side surfaces of the box. The main handle (16) is arranged pivotably between a first erected position for carrying the box (10) and a second position tilted against the side handle (18).

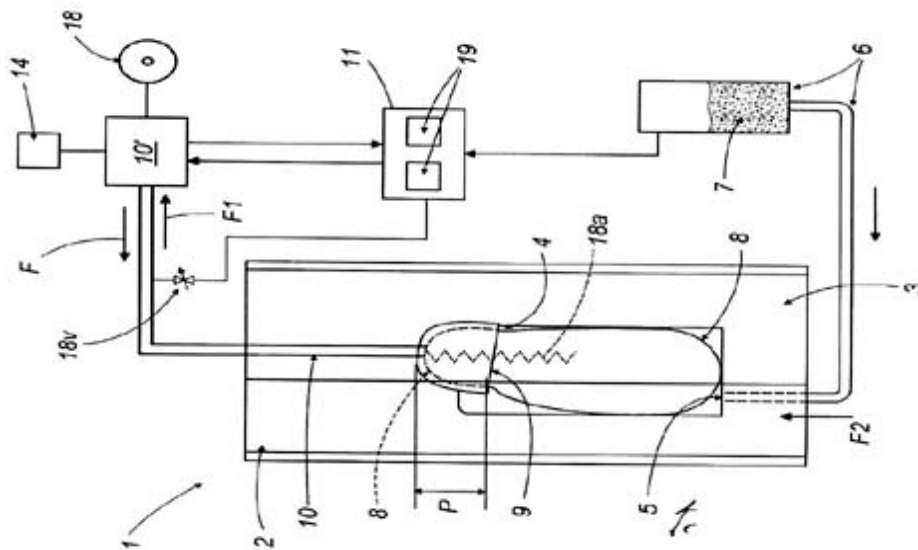


(54) Title of the invention : A MOULD FOR MAKING A CERAMIC PRODUCT

|                                               |                                                    |                                                                                                    |
|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------|
| (51) International classification             | :B28B1/26;<br>B29C44/36;<br>B29C45/17;<br>B28B1/26 | (71) <b>Name of Applicant :</b><br><b>1)SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA</b> |
| (31) Priority Document No                     | :BO2005A000514                                     | Address of Applicant :VIA SELICE PROVINCIALE, 17/A,40026                                           |
| (32) Priority Date                            | :29/07/2005                                        | IMOLA (BOLOGNA), ITALY Italy                                                                       |
| (33) Name of priority country                 | :Italy                                             | (72) <b>Name of Inventor :</b>                                                                     |
| (86) International Application No             | :NA                                                | <b>1)SARANI GIORGIO</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 porous mould for making sanitaryware comprises: two half-parts (2, 3) joined to each other to create a product forming cavity (4); one of the half-parts (2) has a first inlet opening (5) through which respective means (6) feed a liquid (7) under pressure into the product forming cavity (4); a variable volume element (8) located inside the cavity (4); second means (10) for feeding a fluid under pressure, acting on this element (8) and varying the volume of the element (8) between at least two limit states, namely, a least expanded, idle state and a most expanded working state, when the forming liquid (7) is fed in, and where the element (8) occupies a predetermined volume of the cavity (4) in such a way as to control the inflow of the liquid (7) along the surfaces of the cavity (4) ; means (11) for controlling and regulating the degree to which the element (8) is filled and the liquid (7) feed pressure, acting on the respective first feed means (6) and second feed means (10) in such a way as to correlate the feed pressures according to the extent to which the cavity (4) has been filled by the liquid (7).

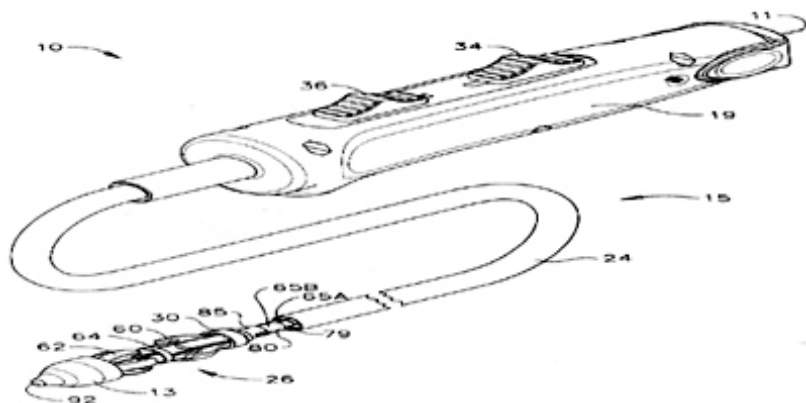


(54) Title of the invention : FLEXIBLE ENDOSCOPIC ANASTOMOTIC RING APPLIER DEVICE

|                                               |                |                                                                       |
|-----------------------------------------------|----------------|-----------------------------------------------------------------------|
| (51) International classification             | :A61B<br>17/11 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO -SURGERY,INC</b> |
| (31) Priority Document No                     | :11/187,674    | Address of Applicant :4545 Creek Road Cincinnati ,OH 45242 U.S.A.     |
| (32) Priority Date                            | :22/07/2005    | (72) <b>Name of Inventor :</b>                                        |
| (33) Name of priority country                 | :U.S.A.        | <b>1)David B.Griffith</b>                                             |
| (86) International Application No             | :NA            | <b>2)Mark S.Ortiz</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 surgical instrument for deploying an anastomotic ring device has a ring deployment mechanism, which is configured to receive and deploy an anastomotic ring. The instrument further comprises a flexible elongate shaft having one or more actuation cables extending therethrough. The shaft also has an imaging element, which is coupled to a camera with a lens located in the tip of the instrument. The instrument may be inserted through the esophagus of a patient to deploy an anastomotic ring device.



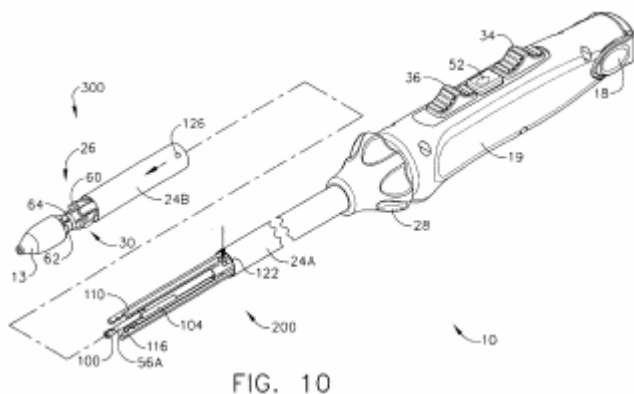
(54) Title of the invention : RESPOSABLE ANASTOMOTIC RING APPLIER DEVICE

|                                               |                |                                                                       |
|-----------------------------------------------|----------------|-----------------------------------------------------------------------|
| (51) International classification             | :A61B<br>17/11 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY, INC</b> |
| (31) Priority Document No                     | :11/187,083    | Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A.      |
| (32) Priority Date                            | :22/07/2005    | (72) <b>Name of Inventor :</b>                                        |
| (33) Name of priority country                 | :U.S.A.        | <b>1)Mark S. Ortiz</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            |                                                                       |

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(57) Abstract :

A surgical instrument that is operable to deploy an anastomotic ring device comprises a proximal portion and a distal portion. The distal portion comprises a ring deployment mechanism, which is configured to receive and deploy an anastomotic ring. The proximal portion comprises a mechanism that is operable to remotely actuate the ring deployment mechanism. The distal portion is removable from the proximal portion. The distal portion may be selectively engaged with the proximal portion by a series of annular flanges and clamp arms that are configured to engage the annular flanges. The ability to remove the distal portion of the instrument permits the replacement of the ring deployment mechanism without requiring the replacement of the instrument in its entirety.



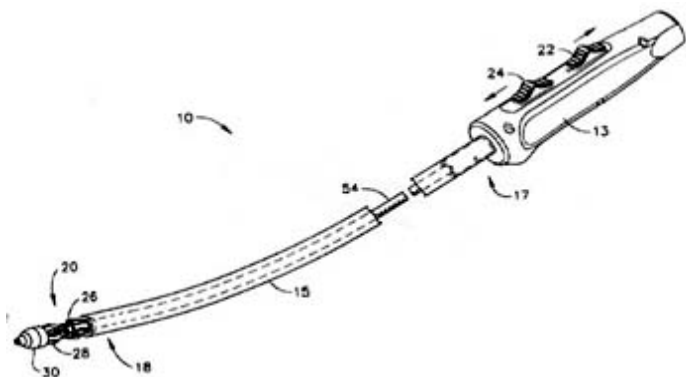


(54) Title of the invention : ANASTOMOTIC RING APPLIER FOR USE IN COLORECTAL APPLICATIONS

|                                               |                |                                                                        |
|-----------------------------------------------|----------------|------------------------------------------------------------------------|
| (51) International classification             | :A61B<br>17/11 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY, INC.</b> |
| (31) Priority Document No                     | :11/187658     | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A.      |
| (32) Priority Date                            | :22/07/2005    | (72) <b>Name of Inventor :</b>                                         |
| (33) Name of priority country                 | :U.S.A.        | <b>1)Mark S. Ortiz</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 surgical tool or applier operable to deploy an anastomotic ring comprises a handle connected to an elongate shaft. The elongate shaft comprises an anastomotic ring deployment mechanism on a distal portion of the shaft. The ring deployment mechanism is moveable from an unactuated position to an actuated position. The elongate shaft comprises a rigid, curved member, thereby rendering the tool applicable for colorectal applications. In one embodiment, the tool comprises an actuating mechanism that is operable to transfer an actuating force to the ring deployment mechanism via a flexible connecting member.

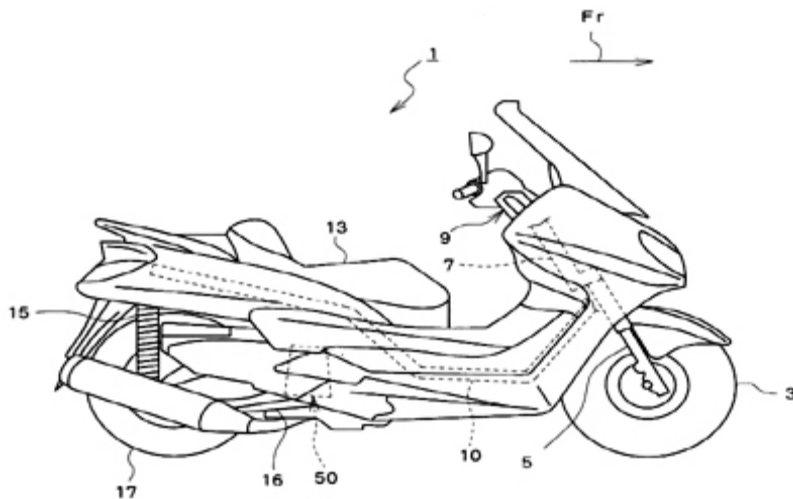


(54) Title of the invention : ROTARY ELECTRIC MACHINE

|                                               |              |                                                                 |
|-----------------------------------------------|--------------|-----------------------------------------------------------------|
| (51) International classification             | :H02K21/14   | (71)Name of Applicant :                                         |
| (31) Priority Document No                     | :2005-228944 | <b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b>                      |
| (32) Priority Date                            | :05/08/2005  | Address of Applicant :2500 Shingai, Iwata-shi, Shizuoka 4388501 |
| (33) Name of priority country                 | :Japan       | Japan                                                           |
| (86) International Application No             | :NA          | (72)Name of Inventor :                                          |
| Filing Date                                   | :NA          | <b>1)Haruyoshi HINO</b>                                         |
| (87) International Publication No             | : NA         | <b>2)Masumi NAKAJIMA</b>                                        |
| (61) Patent of Addition to Application Number | :NA          |                                                                 |
| Filing Date                                   | :NA          |                                                                 |
| (62) Divisional to Application Number         | :NA          |                                                                 |
| Filing Date                                   | :NA          |                                                                 |

(57) Abstract :

A stator 25 for an axial gap type rotary electric machine includes an annular first stator 30 having a plurality of first teeth 34 surrounding the axis of a crankshaft 50 and arranged in a circle, and an annular second stator 40 having a plurality of second teeth 41 opposed to the plurality of first teeth 34 in the direction of the axis, the second stator 40 being attracted toward the first stator 30 by a magnetic force and rotatable about the axis. A coil 31 is wound around each of the plurality of first teeth 34. The first stator 30 has a contacted surface 36h with which the second stator 40 is in contact, regulating a distance k in the direction of the axis between a surface of the first stator 30 facing the second stator 40 and a surface of the second stator 40 facing the first stator 30.

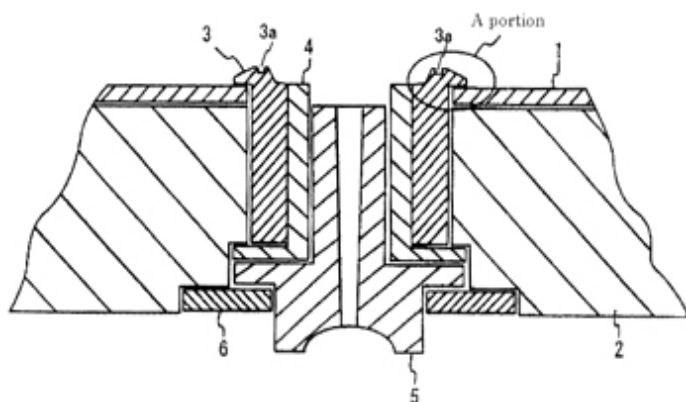


(54) Title of the invention : MOLD TOOL AND MOLDING STAMPER AND OPTICAL DISC SUBSTRATE AND OPTICAL INFORMATION RECORDING MEDIUM.

|                                               |                  |                                                                       |
|-----------------------------------------------|------------------|-----------------------------------------------------------------------|
| (51) International classification             | :B29C<br>45/26   | (71)Name of Applicant :<br><b>1)RICOH COMPANY, LTD.</b>               |
| (31) Priority Document No                     | :2005-<br>210359 | Address of Applicant :3-6 NAKAMAGOME 1-CHOME, OHTA-KU,<br>TOKYO Japan |
| (32) Priority Date                            | :20/07/2005      | (72)Name of Inventor :                                                |
| (33) Name of priority country                 | :Japan           | <b>1)KAZUHIRO KOTAKA</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 :

It is an object of the present invention is to provide a mold tool of optical disc substrate which contains a molding stamper used for molding an optical disc substrate and a pressure accumulating unit, wherein the molding stamper has a mix of two areas on the same plane containing a read-only ROM area and a recording/reproducing area in which performing at least any one of recording, reproducing and erasing is possible and information relating to the ROM area is recorded in a predetermined area of the inner periphery, and the pressure accumulating unit configured to temporarily accumulate a pressure of compressed air for mold release is disposed on a cavity forming surface of the mold parts on which the molding stamper is placed.



(54) Title of the invention : SUBMERSIBLE MOTOR PUMP WITH COOLING JACKET.

(51) International classification

:F04D13/06;

F04D13/06

:10 2005

034 341.4

:22/07/2005

:Germany

:NA

:NA

: NA

:NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

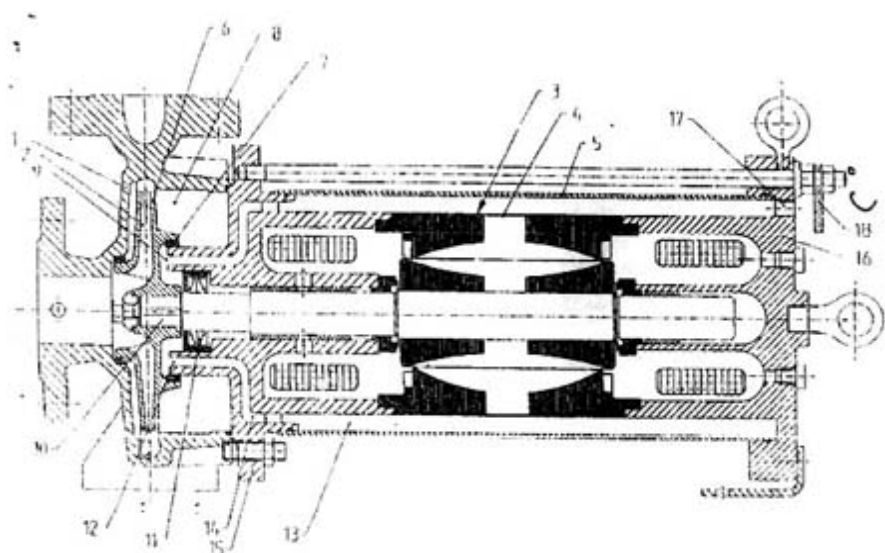
**1)KSB AKTIENGESELLSCHAFT**Address of Applicant :Johann-Klein-Strasse 9 67227 Frankenthal  
Germany

(72)Name of Inventor :

**1)Bhattacharya Basudev****2)Heng. Thomas**

(57) Abstract :

The invention relates to a submersible motor pump, with a pump casing (1), with an impeller (2) arranged therein and with an electric drive motor (3) which is connected thereto and on the motor housing (4) of which a cooling jacket (5) is arranged, a fluid conveyed by an impeller flowing through the cooling jacket (5). The impeller (2) is provided with a relief device, known per se, in the form of a delivery-side throttle gap (7) arranged on a smaller impeller diameter, and a pressure relief of the relief space (9) surrounded by the throttle gap (7) takes place via the space (13) of the cooling jacket (5).



(54) Title of the invention : METHOD AND SYSTEMS FOR PROVIDING AN INFUSION DEVICE INTERFACE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61M 5/00         |
| (31) Priority Document No                     | :60/589,623        |
| (32) Priority Date                            | :21/07/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/025931 |
| Filing Date                                   | :21/07/2005        |
| (87) International Publication No             | :WO 2006/012446    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

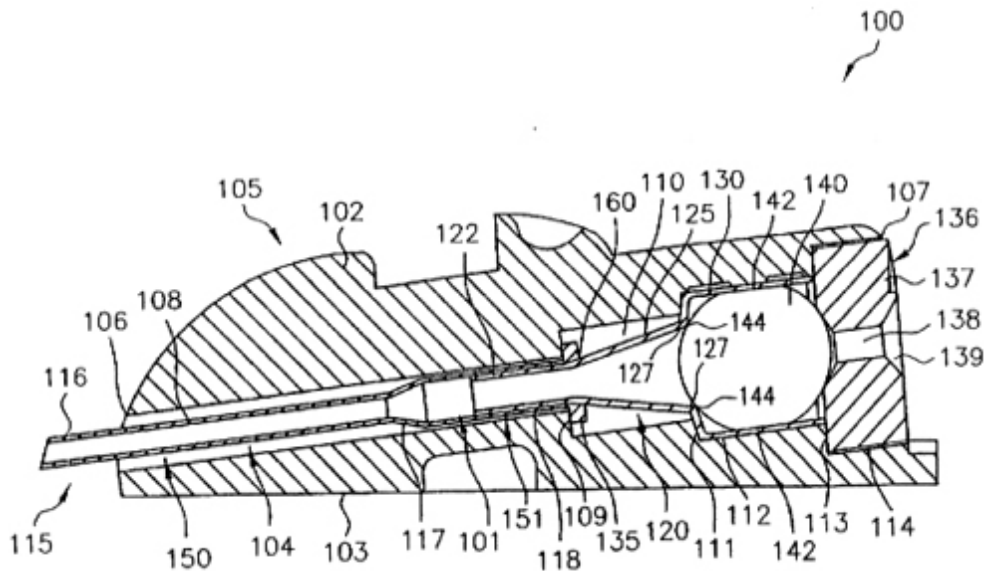
**1)ANIMAS CORPORATION**Address of Applicant :200 LAWRENCE DRIVE WEST CHESTER,PA  
19380 U.S.A U.S.A.

(72)Name of Inventor :

**1)PAUL TASHJIAN**

(57) Abstract :

An infusion device(100)comprising an infuser base(105), a cannula (115) and a ferrule (120). The infuser base(105)having a bore (104) extending therethrough, the bore (104) having distal and proximal ends the proximal end having an inside first diameter.A flange (135) extends radially outward from the cannula proximal end.The cannula (115) is positioned in the bore(104) such that the flange(135) is positioned adjacent the shoulder(109).The ferrule (120) has an insertion portion(122),having an outside second diameter which is substantially equal to the first diameter,and a tapered portion(125) extending from the insertion portion(122).The ferrule (120) is positioned in the bore (104) such that the insertion portion(122) and a portion of the tapered portion(125) are received in the cannula proximal end and the flange (135) is compressed between the shoulder (109) and the tapered portion(125) to define a seal (160) between the cannula (115) and the ferrule (120).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

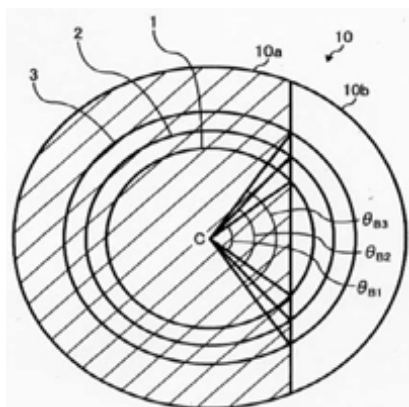
(43) Publication Date : 29/06/2007

(54) Title of the invention : "SPUTTERING TARGET"

|                                               |                  |                                                                                                                                  |
|-----------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C23C<br>14/34   | (71)Name of Applicant :<br><b>1)RICOH COMPANY LIMITED</b><br>Address of Applicant :1-3-6 NAKAMAGOME OTA-KU, TOKYO<br>JAPAN Japan |
| (31) Priority Document No                     | :2005-<br>230519 | (72)Name of Inventor :                                                                                                           |
| (32) Priority Date                            | :09/08/2005      | <b>1)HIBINO,EIKO</b>                                                                                                             |
| (33) Name of priority country                 | :Japan           | <b>2)ITO, KAZUNORI</b>                                                                                                           |
| (86) International Application No             | :NA              | <b>3)TAKADA, MIKIKO</b>                                                                                                          |
| Filing Date                                   | :NA              | <b>4)OHKURA, HIROKO</b>                                                                                                          |
| (87) International Publication No             | : NA             | <b>5)DEGUCHI, HIROSHI</b>                                                                                                        |
| (61) Patent of Addition to Application Number | :NA              |                                                                                                                                  |
| Filing Date                                   | :NA              |                                                                                                                                  |
| (62) Divisional to Application Number         | :NA              |                                                                                                                                  |
| Filing Date                                   | :NA              |                                                                                                                                  |

(57) Abstract :

A sputtering target including a plurality of composition areas having a disc form, each of which comprises an independent composition, wherein each composition area forms part of a periphery of the disc and an average composition on a circumference of the disc is different depending on a radius of the circumference when the circumference crosses at least two of the composition areas.



(54) Title of the invention : "DATA MEMORY SYSTEM AND METHOD FOR TRANSFERRING DATA INTO A DATA MEMORY"

(51) International classification

:H03M13/00;

(31) Priority Document No

H03M13/00

(32) Priority Date

:11/217,081

(33) Name of priority country

:30/08/2005

(86) International Application No

:U.S.A.

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

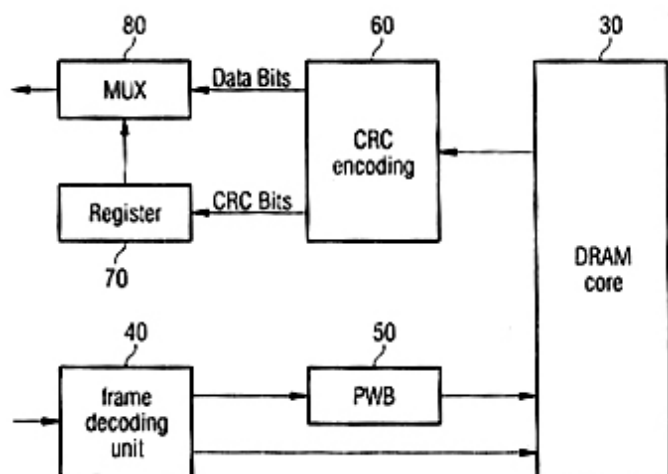
**1)QIMONDA AG**Address of Applicant :GUSTAV-HEINEMANN-RING 212 81739  
MUNCHEN, GERMANY Germany

(72)Name of Inventor :

**1)WALLNER, PAUL****2)SAVIGNAC, DOMINIQUE****3)SICHERT, CHRISTIAN****4)HEIN, THOMAS**

(57) Abstract :

A method for transferring data into a data memory using a data protocol is presented. The data memory is an error correction code(ECC)memory or a non-error correction code memory. The data protocol has different frames. When data are written into an ECC memory,the protocol includes a data mask frame in which the data mask bits are replaced by ECC bits. The method is designed such that ECC and non ECC DRAMs can be established with the same protocol and at least a similar architecture.

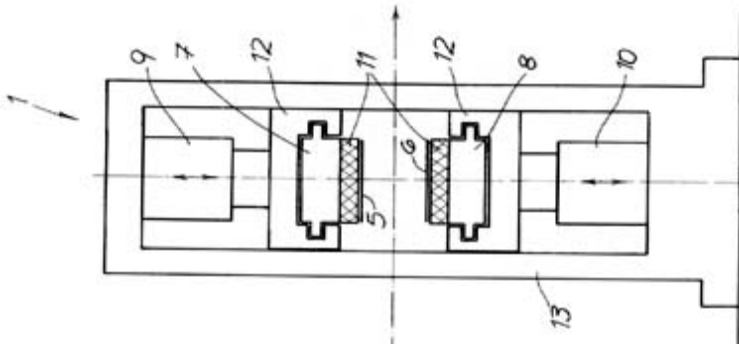


(54) Title of the invention : METHOD FOR TAPING A STRIP CONNECTION AND ADHESIVE TAPE APPLICATOR.

|                                               |                                        |                                                                                 |
|-----------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------|
| (51) International classification             | :B32B37/12;<br>B29C65/00;<br>B32B37/00 | (71)Name of Applicant :<br><b>1)BWG BERGWERK-UND WALZWERK-MASCHINENBAU GMBH</b> |
| (31) Priority Document No                     | :102005037182.5                        | Address of Applicant :Mercatorstrasse 74-78 47051 Duisburg, Germany             |
| (32) Priority Date                            | :06/08/2005                            | Germany                                                                         |
| (33) Name of priority country                 | :Germany                               | (72)Name of Inventor :                                                          |
| (86) International Application No             | :NA                                    | <b>1)ANDREAS NOE</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 relates to a method and an adhesive tape applicator for taping a strip connection of two metal strip ends that have been connected with one another by means of adhesive tape having a predetermined width. The top and the bottom of the strip connection are covered by means of an adhesive tape segment, in each instance, whereby the length of the two adhesive tape segments essentially corresponds to the width of the strip ends and, if the strip width is not the same, to the width of the wide strip end.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.736/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : RUBBER MIXTURES.

|                                               |                                     |                                                                                                                                           |
|-----------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C08K5/54;<br>C07F7/18;<br>C08K5/00 | (71) <b>Name of Applicant :</b><br><b>1)DEGUSSA AG</b><br>Address of Applicant :BENNIGSENPLATZ 1, DE-40474<br>DUSSELDORF, GERMANY Germany |
| (31) Priority Document No                     | :102005038794.2                     | (72) <b>Name of Inventor :</b>                                                                                                            |
| (32) Priority Date                            | :17/08/2005                         | <b>1)DR. KARSTEN KORTH,</b>                                                                                                               |
| (33) Name of priority country                 | :Germany                            | <b>2)Andre HASSE</b>                                                                                                                      |
| (86) International Application No             | :NA                                 | <b>3)Susann WITZSCHE</b>                                                                                                                  |
| Filing Date                                   | :NA                                 | <b>4)Dr. Oliver KLOCKMANN</b>                                                                                                             |
| (87) International Publication No             | : NA                                | <b>5)Dr. Philipp ALBERT</b>                                                                                                               |
| (61) Patent of Addition to Application Number | :NA                                 |                                                                                                                                           |
| Filing Date                                   | :NA                                 |                                                                                                                                           |
| (62) Divisional to Application Number         | :NA                                 |                                                                                                                                           |
| Filing Date                                   | :NA                                 |                                                                                                                                           |

(57) Abstract :

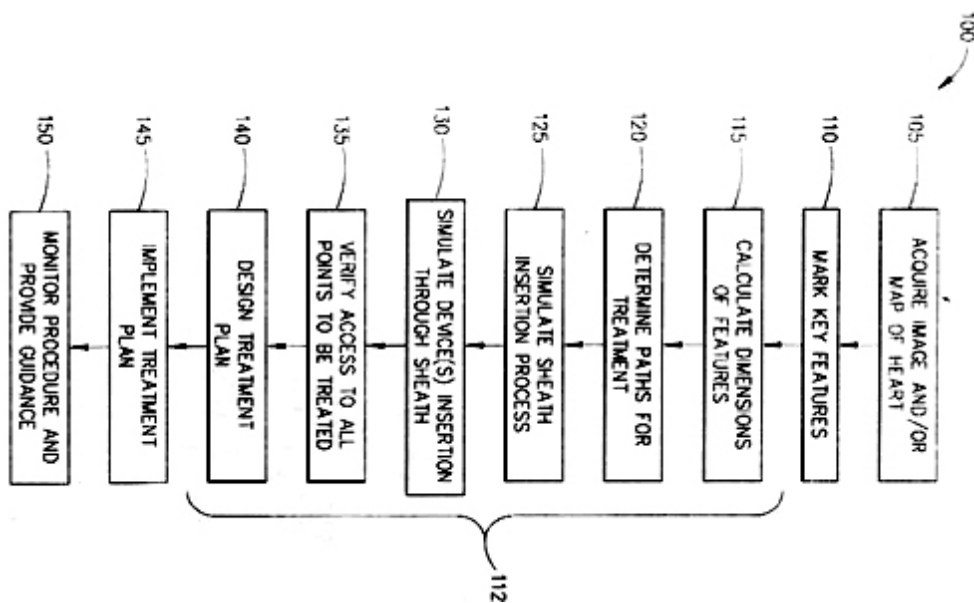
The invention relates to rubber mixtures containing at least one rubber and an organosilicon compound of the general formula(I) (Q-) kG-Si (-O-CX1X2-CX1X3-) 3N. The rubber mixture is prepared by mixing at least one rubber and an organosilicon compound of the formula (I). The rubber mixtures can be used for the production of mouldings.

(54) Title of the invention : SIMULATION OF INVASIVE PROCEDURES

|                                               |             |                                                                |
|-----------------------------------------------|-------------|----------------------------------------------------------------|
| (51) International classification             | :A61B19/00  | (71)Name of Applicant :                                        |
| (31) Priority Document No                     | :11/195,050 | <b>1)Biosense Webster, Inc.</b>                                |
| (32) Priority Date                            | :02/08/2005 | Address of Applicant :3333 Diamond Canyon Road, Diamond Bar CA |
| (33) Name of priority country                 | :U.S.A.     | 91765 U.S.A.                                                   |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                         |
| Filing Date                                   | :NA         | <b>1)Yitzhack Schwartz</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 pre-planning and performing a cardiac procedure on a heart includes acquiring an image or map of the heart; displaying the image or map of the heart; marking at least one feature on the image or map; calculating dimensions of the at least one feature; identifying one or more points on or within the heart for treatment; determining paths to the one or more points on or within the heart for treatment; simulating insertion of a sheath into the heart; simulating insertion of a medical device through the sheath and within the heart; verifying that the one or more points on or within the heart can be accessed for treatment; and performing a medical procedure on or within the heart.

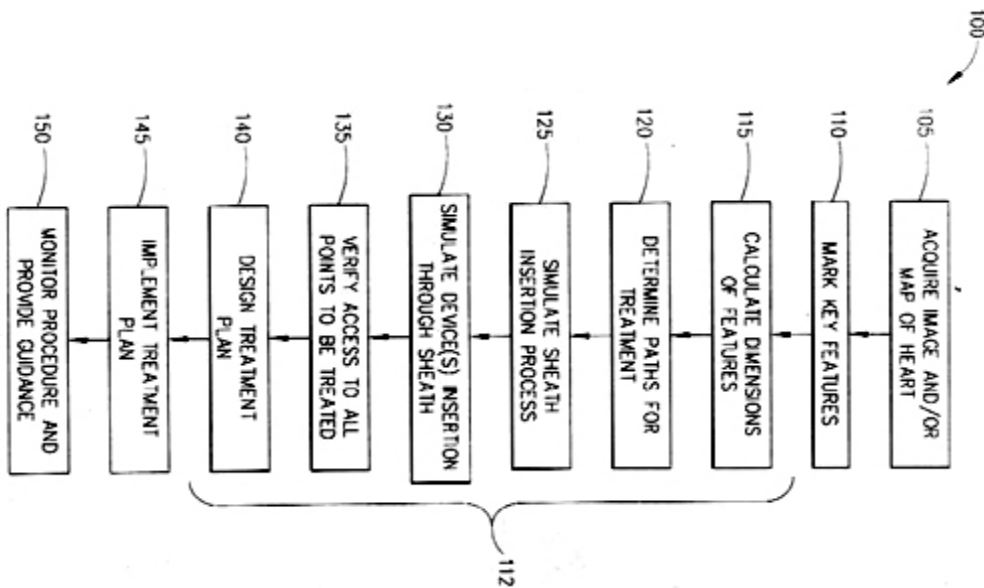


(54) Title of the invention : GUIDED PROCEDURES FOR TREATING ATRIAL FIBRILLATION

|                                               |             |                                                                |
|-----------------------------------------------|-------------|----------------------------------------------------------------|
| (51) International classification             | :A61B17/22  | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :11/195,123 | <b>1)Biosense Webster, Inc</b>                                 |
| (32) Priority Date                            | :02/08/2005 | Address of Applicant :3333 Diamond Canyon Road, Diamond Bar CA |
| (33) Name of priority country                 | :U.S.A.     | 91765 U.S.A.                                                   |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :NA         | <b>1)Yltzhack Schwartz</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 treating atrial fibrillation in a heart of a patient includes placing an ultrasonic catheter in a first chamber of the heart; acquiring two-dimensional ultrasonic images of a second chamber of the heart and at least a portion of surrounding structures of the second chamber using the ultrasonic catheter placed in the first chamber; reconstructing a three-dimensional ultrasonic image based on the two-dimensional ultrasonic images; displaying the reconstructed three-dimensional ultrasonic image; identifying at least one key landmark on the reconstructed three-dimensional ultrasonic image; marking the least one key landmark on the reconstructed three-dimensional ultrasonic image; penetrating the septum for accessing the second chamber of the heart while using the marked at least one key landmark for guidance; positioning a sheath through the penetrated septum and within the second chamber of the heart; inserting an ablation catheter through the sheath and into the second chamber of the heart; and ablating a portion of the second chamber of the heart using the ablation catheter while under observation with the ultrasound catheter located in the first chamber of the heart.



(54) Title of the invention : MONITORING OF PERCUTANEOUS MITRAL VALVULOPLASTY

(51) International classification

:A61B19/00;

A61B8/12;

A61B17/00

:11/194,791

:01/08/2005

:U.S.A.

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

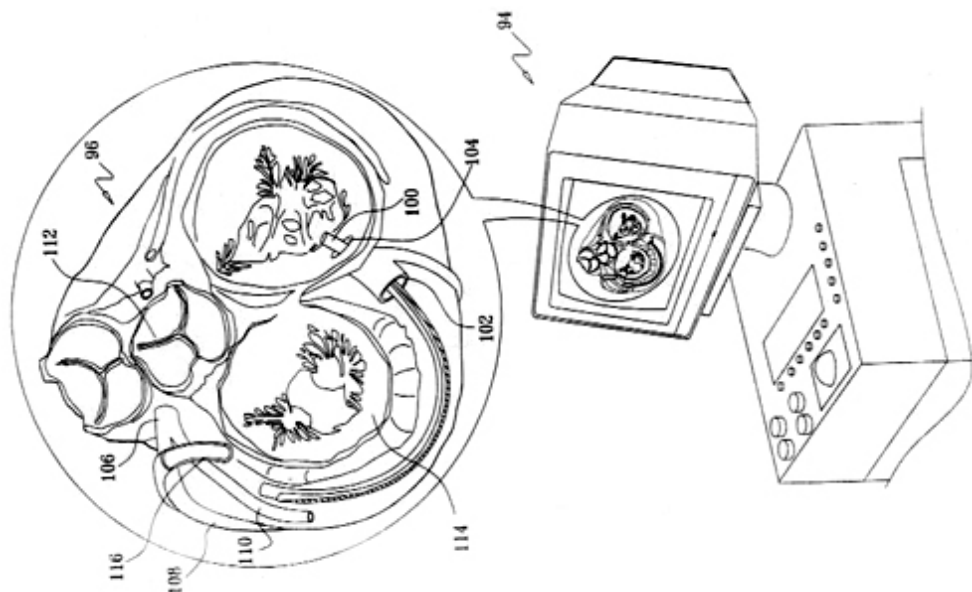
**1)Biosense Webster, Inc**Address of Applicant :3333 Diamond Canyon Road, CA 91765, U.S.A.  
U.S.A.

(72)Name of Inventor :

**1)Yitzhack Schwartz**

(57) Abstract :

During a minimally invasive deployment of a mitral valvuloplasty device into the coronary sinus near realtime tracking of the device is monitored to determine whether the device is compressing the left circumflex coronary artery or is likely to do so. In one embodiment of the invention, one or more position sensors are included in the catheter that is used to deploy the constricting implant and or in the implant itself. The position of the device is determined during deployment, and compared to the location of the left circumflex coronary artery, which may be determined by mapping relative to a pre-acquired image or by simultaneous intracardiac ultrasound imaging.



(54) Title of the invention : READING DEVICE, PROGRAM AND READING METHOD

(51) International classification :G11B 27/00  
 (31) Priority Document No :2005-028748  
 (32) Priority Date :04/02/2005  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2006/301766  
 Filing Date :02/02/2006  
 (87) International Publication No :WO 2006/082892  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.**

Address of Applicant :1006,OAZA KADOMA,KADOMA-SHI

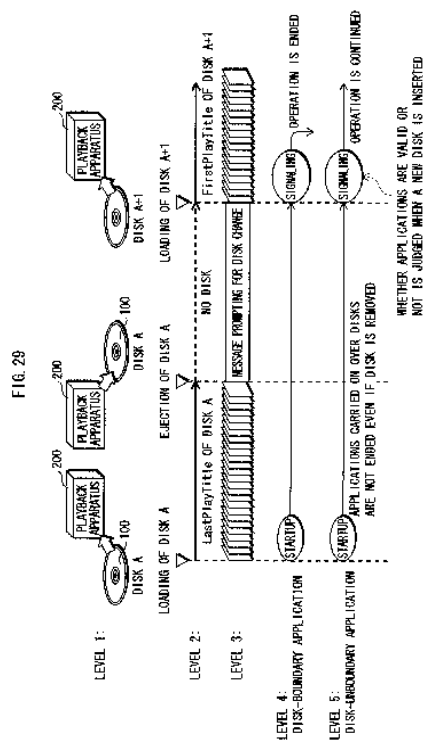
OSAKA 571-8501 Japan

(72)Name of Inventor :

**1)WATARU IKEDA;**

(57) Abstract :

The application manager 37 conducts "application signaling" when a first disc is replaced with a second disc. At this point, an application is continued if it is written in an application management table assigned to a Title played last on a first disc and also written in an application management table assigned to a Title to be played first on a second disc. On the other hand, an application is ended if it is written in the application management table assigned to the Title played last on the first disc but not written in the application management table assigned to the Title to be played first on the second disc.

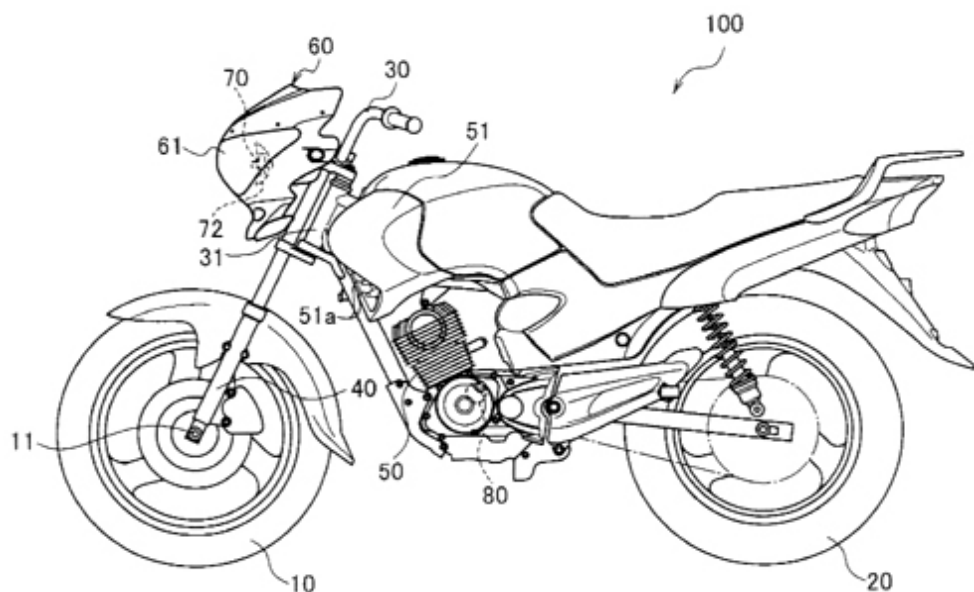


(54) Title of the invention : MOTORCYCLE.

|                                               |                                                   |                                                                                                                                                     |
|-----------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B62J6/00;<br>B62J6/02;<br>F21S8/10;<br>F21V14/02 | (71) <b>Name of Applicant :</b><br><b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 Shingai , Iwata-shi, Shizuoka-ken Japan |
| (31) Priority Document No                     | :2005-<br>221171                                  | (72) <b>Name of Inventor :</b><br><b>1)KINJI ASAMURA</b>                                                                                            |
| (32) Priority Date                            | :29/07/2005                                       |                                                                                                                                                     |
| (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 :

A motorcycle is provided with a pair of bulbs and a cowl mounted on handlebars. The cowl includes a lens surface which is disposed in the front side of the pair of bulbs so as to transmit light emitted by the pair of bulbs, and a main body section which supports the lens surface so as to shield light emitted by the pair of bulbs. The pair of bulbs is disposed to interpose the center portion of the lens surface in the width direction of the motorcycle, as seen from the front side of the motorcycle. The main body section has a shape that extends in a substantially horizontal direction along the upper end of the lens surface, and has an upper-end convex portion that protrudes downward in the upper end of the center portion of the lens surface. The length of the upper-end convex portion in the width direction is smaller than the distance between the pair of bulbs.



(54) Title of the invention : A METHOD OF MAKING A SOLID OXIDE FUEL CELL TRILAMINATE STRUCTURE.

(51) International classification :H01M 8/00  
 (31) Priority Document No :60/247,444  
 (32) Priority Date :09/11/2000  
 (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 : 585/KOLNP/2003  
 Filed on :06/05/2003

(71)Name of Applicant :

**1)TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA**

Address of Applicant :CENTER FOR TECHNOLOGY TRANSFER  
 3160 CHESTNUT STREET SUITE 200, PHILADELPHIA,  
 PENNSYLVANIA 19104 U.S.A.

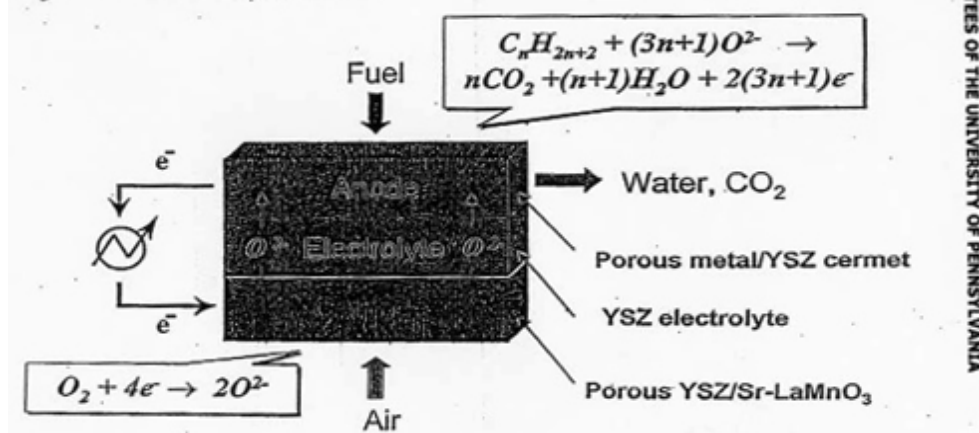
(72)Name of Inventor :

**1)GORTE RAYMOND J****2)VOHS JOHN M**

(57) Abstract :

A method of making a solid oxide fuel cell trilaminate structure is disclosed. Said method involves the steps of : preparing a first anode tape of a first tape casting formulation, preparing a second electrolyte tape of a second tape casting formulation, forming a laminate comprised of the first anode tape and the second electrolyte tape; preparing a third tape casting formulation in the form of slurry, applying the slurry of the third tape casting formulation to a supporting substrate and forming the slurry into a third tape, perforating the third tape to make at least one aperture, superposing the perforated third tape on the laminate in contact with the first anode tape to form a trilaminate structure to a porous anode layer; sintering the trilaminate structure, impregnating the porous anode layer with an aqueous solution, calcining the impregnated trilaminate structure to form an oxide, and reducing the oxide of the electronically conductive material to form a trilaminate structure.

## SOFCs can theoretically operate on hydrocarbon fuels



(54) Title of the invention : LOW-DENSITY NON -WOVEN STRUCTURES AND METHODS OF MAKING THE SAME

(51) International classification

:D04H1/46;  
B32B27/32;  
D04H1/46

(31) Priority Document No

:11/188,445

(32) Priority Date

:25/07/2005

(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)McNeil-PPC, Inc.**

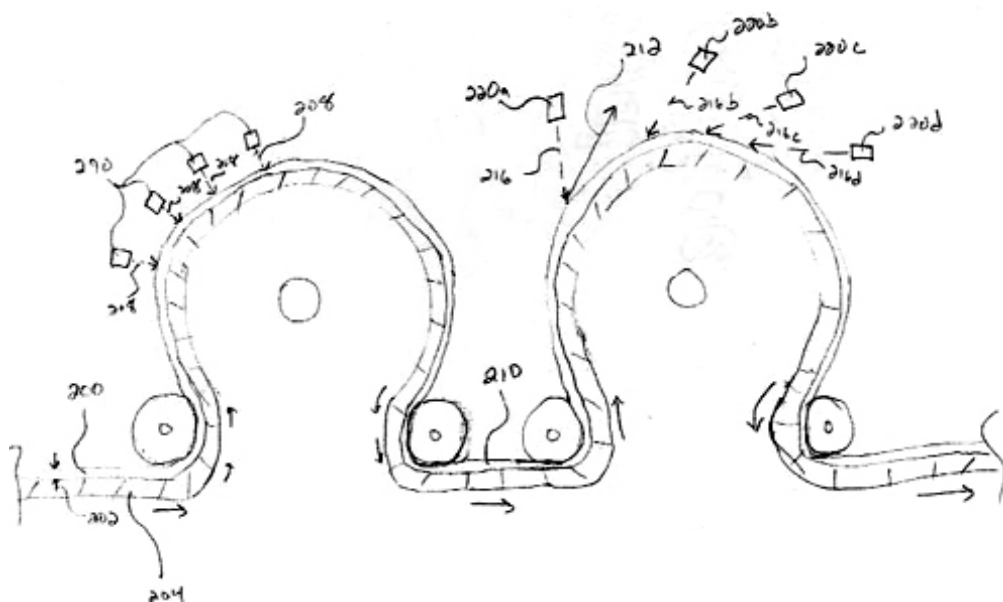
Address of Applicant :Grandview Road, Skillman, NJ 08558 U.S.A.

(72)Name of Inventor :

**1)Hien Nguyen****2)Shmuel Dabi**

(57) Abstract :

Provided are fibrous, non-woven structures having a drapeability of greater than about 4 gsm/g and a density less than about 0.08g/cc, personal care articles comprising such structures, and methods of making such structures.





(54) Title of the invention : LOW -DENSITY NON-WOVEN STRUCTURES AND METHODS OF MAKING THE SAME

(51) International classification

:D04H1/46;

B32B27/32;

D04H1/46

(31) Priority Document No

:11/188,453

(32) Priority Date

:25/07/2005

(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)McNeil-PPC, Inc.**

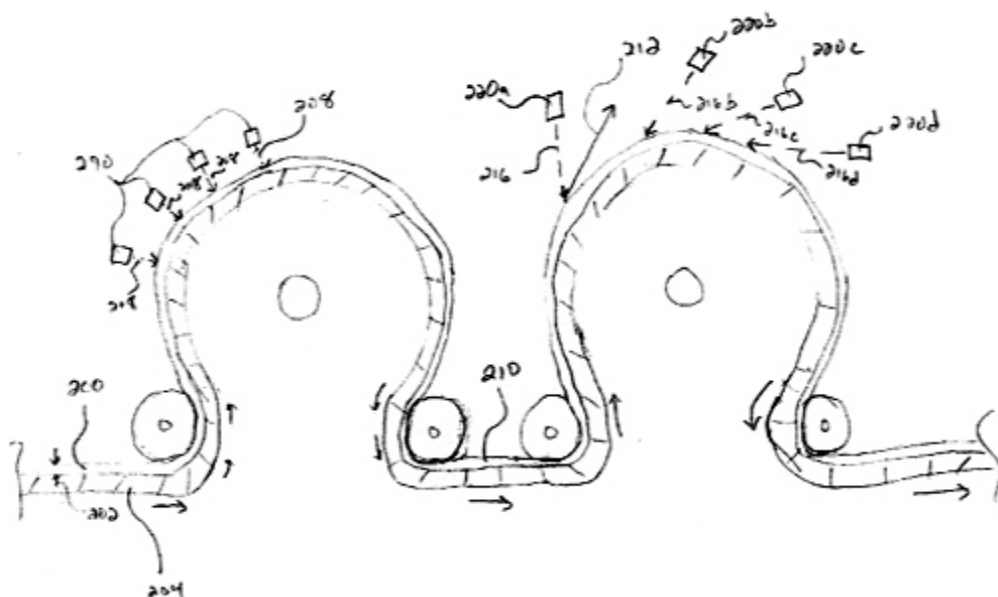
Address of Applicant :Grandview Road, Skillman, NJ 08558 U.S.A.

(72)Name of Inventor :

**1)Hien Nguyen**

(57) Abstract :

Provided are fibrous, non-woven structures having a drapeability of greater than about 4 gsm/g and a density less than about 0.08g/cc, personal care articles comprising such structures, and methods of making such structures including methods comprising: stabilizing a thin layer of non-woven fibers into a stabilized web; supporting the stabilized web on an elastomeric support member; moving the support member and stabilized web thereon in a machine direction; and contacting the supported stabilized web with a stream of liquid.



(54) Title of the invention : LOW DENSITY, NON- WOVEN STRUCTURES AND METHODS OF MAKING THE SAME

(51) International classification

:D04H1/46;

B32B27/32;

D04H1/46

(31) Priority Document No

:11/188,365

(32) Priority Date

:25/07/2005

(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)McNeil-PPC, Inc.**

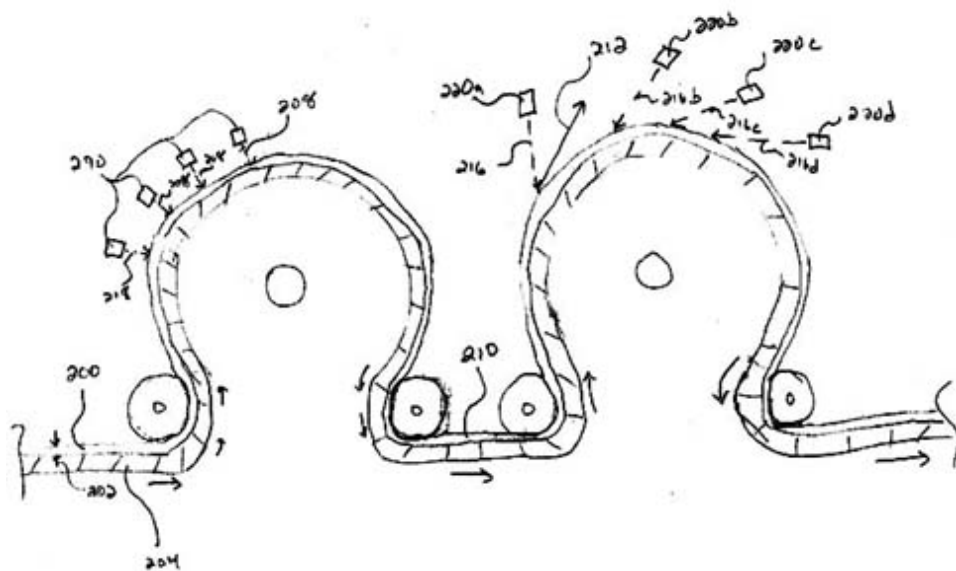
Address of Applicant :Grandview Road, Skillman, NJ 08558 U.S.A.

(72)Name of Inventor :

**1)Hien Nguyen****2)Shmuel Dabi**

(57) Abstract :

Provided are fibrous, non-woven structures having a drapeability of greater than about 4 gsm/g and a density less than about 0.08g/cc, personal care articles comprising such structures, methods of making such structures including methods comprising: stabilizing a thin layer of non-woven fibers into a stabilized web; moving the stabilized web in a machine direction; and contacting the stabilized web with a stream of liquid that is directed at least partially along or against said machine direction.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.75/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :05/01/2007

(43) Publication Date : 29/06/2007

(54) Title of the invention : METHOD FOR PRODUCING CATALYST FOR USE IN SYNTHESIZING METHACRYLIC ACID

|                                               |                    |                                                     |
|-----------------------------------------------|--------------------|-----------------------------------------------------|
| (51) International classification             | :B01J 37/00        | (71) <b>Name of Applicant :</b>                     |
| (31) Priority Document No                     | :2004-189888       | <b>1)MITSUBISHI RAYON CO.,LTD</b>                   |
| (32) Priority Date                            | :28/06/2004        | Address of Applicant :6-41,KONAN 1-CHOME,MINATO-KU, |
| (33) Name of priority country                 | :Japan             | TOKYO 108-8506 Japan                                |
| (86) International Application No             | :PCT/JP2005/011590 | (72) <b>Name of Inventor :</b>                      |
| Filing Date                                   | :24/06/2005        | <b>1)TOMOKI FUKUI</b>                               |
| (87) International Publication No             | :WO 2006/001360    | <b>2)HIROYUKI NAITOU</b>                            |
| (61) Patent of Addition to Application Number | :NA                | <b>3)TOMOMICHI HINO</b>                             |
| Filing Date                                   | :NA                |                                                     |
| (62) Divisional to Application Number         | :NA                |                                                     |
| Filing Date                                   | :NA                |                                                     |

(57) Abstract :

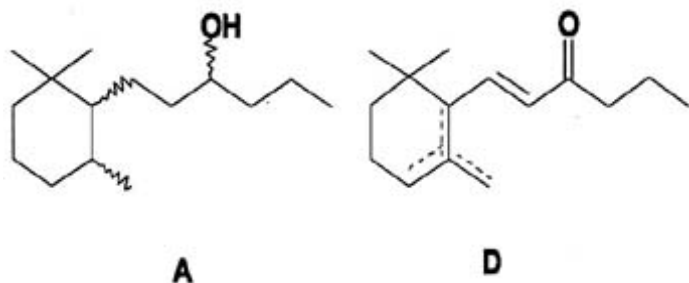
The present invention provides a method for producing a catalyst for use in synthesizing methacrylic acid which can produce methacrylic acid in high yield, the catalyst for use in synthesizing methacrylic acid which can produce methacrylic acid in high yield and a method for producing methacrylic acid in high yield through gas-phase catalytic oxidation of methacrolein with molecular oxygen. The method for producing the catalyst containing molybdenum and phosphorus for use in synthesizing methacrylic acid is composed of the steps of: preparing a slurry containing at least molybdenum and phosphorus and having specific viscosity in the range of  $2.5 \times 10^{-4}$  to  $7.0 \times 10^{-4}$  m<sup>2</sup>/s, which is a value obtained by dividing viscosity (unit: kg/(m.s)) by specific gravity (unit: kg/m<sup>3</sup>); obtaining a dried material by drying the slurry; and calcining the dried material at 300 to 500°C.

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1-(2,2,6-TRIMETHYLCYCLOHEXYL)-HEXAN-3-OL.

|                                               |                            |                                                                                                                                                        |
|-----------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07C<br>13/28<br>:10 2005 | (71) <b>Name of Applicant :</b><br><b>1)SYMRISE GMBH &amp; CO.KG</b><br>Address of Applicant :MÄœHLENFELDSTRASSE 1,37603<br>HOLZMINDEN GERMANY Germany |
| (31) Priority Document No                     | 036 672.4-<br>43           | (72) <b>Name of Inventor :</b><br><b>1)SCHATKOWSKI,DIETMAR</b>                                                                                         |
| (32) Priority Date                            | :04/08/2005                |                                                                                                                                                        |
| (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 :

A process for the preparation of 1-(2,2,6-trimethylcyclohexyl)-hexan-3-ol of the formula A having a content of at least 30 wt.% of the corresponding trans isomer, based on the total amount of 1-(2,2,6-trimethylcyclohexyl)-hexan-3-ol of the formula A, with the following step: -Catalytic hydrogenation of a compound of the formula D in which the broken lines represent a single double bond which is located in one of the three positions drawn in, in the presence of a rhodium catalyst to give 1-(2,2,6-trimethylcyclohexyl)-hexan-3-ol of the formula A.



(54) Title of the invention : ELECTROACTIVE POLYMER-BASED TISSUE APPPOSITION DEVICE AND METHODS OF USE

(51) International classification

:A61B17/94;

A61B17/00

(31) Priority Document No

:11/161264

(32) Priority Date

:28/07/2005

(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)ETHICON ENDO-SURGERY,INC**

Address of Applicant :4545 CREEK ROAD CINCINNATI,OH 45242  
S.A. U.S.A.

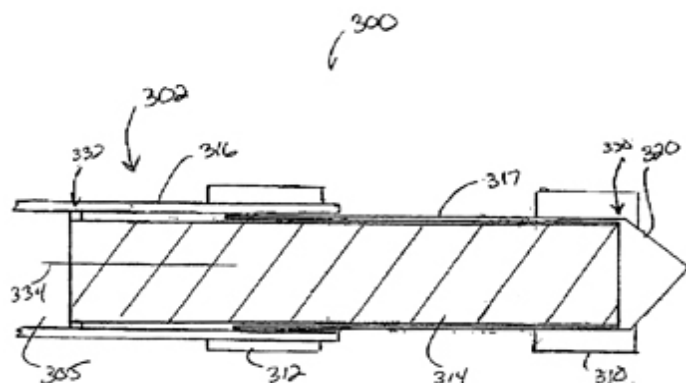
**(72)Name of Inventor :**

**1)MARK S.ORTIZ**

---

(57) Abstract :

Methods and devices for positioning tissues in apposition to each other are provided. In one exemplary embodiment, a tissue apposition device is provided having a flexible shaft with at least one expandable element coupled thereto, and a positioning element adapted to axially move the expandable element relative to the elongate shaft to move tissue engaged by the expandable element. In an exemplary embodiment, at least one of the positioning element and the expandable element(s) is formed from an electroactive polymer.

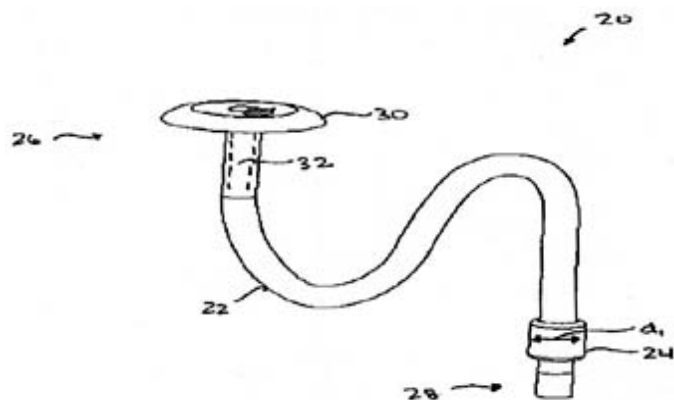


(54) Title of the invention : ELECTROACTIVE POLYMER-BASED PERCUTANEOUS ENDOSCOPY GASTROSTOMY TUBE AND METHODS OF USE

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61M 39/08 | (71)Name of Applicant :<br><b>1)ETHICON ENDO-SURGERY, INC</b>     |
| (31) Priority Document No                     | :11/161265  | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (32) Priority Date                            | :28/07/2005 | (72)Name of Inventor :                                            |
| (33) Name of priority country                 | :U.S.A.     | <b>1)Mark S. Ortiz</b>                                            |
| (86) International Application No             | :NA         | <b>2)Lynetta Freeman</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 :

Embodiments of the present invention generally provide methods and devices for providing percutaneous access to a tissue. In one exemplary embodiment, a PEG tube is provided having an elongate member with a proximal end adapted to be positioned adjacent to a tissue surface, a distal end adapted to be inserted through tissue, and an inner lumen extending between the proximal and distal ends and adapted to allow fluid flow there through. The PEG tube can also include an electrically actuatable element coupled to the distal end of the elongate member and configured to change dimensionally upon delivery of electrical energy thereto. In use, the electrically actuatable element can be adapted to expand to engage tissue and secure the distal end of the PEG tube to the tissue.

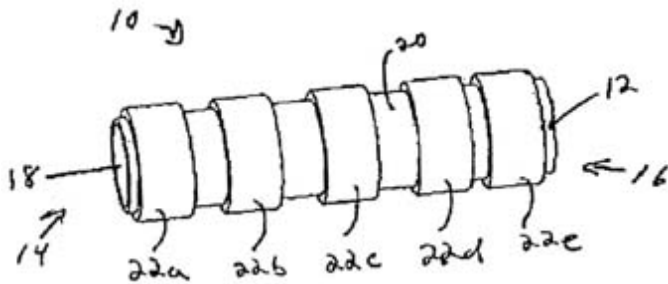


(54) Title of the invention : ELECTROACTIVE POLYMER BASED PUMP

|                                               |                                       |                                                                                                                                            |
|-----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F04B43/04;<br>A61M1/00;<br>F04B43/02 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY, INC</b><br>Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (31) Priority Document No                     | :11/161269                            | (72) <b>Name of Inventor :</b>                                                                                                             |
| (32) Priority Date                            | :28/07/2005                           | <b>1)Mark S. Ortiz</b>                                                                                                                     |
| (33) Name of priority country                 | :U.S.A.                               | <b>2)Jeffrey S. Swayze</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 :

Methods and devices for pumping fluid are disclosed herein. In one exemplary embodiment, a pump is provided having a first member with a passageway formed therethrough, and a plurality of electrically expandable actuators in communication with the first member and adapted to change shape upon the application of energy thereto such that sequential activation of the activators can create a pumping action to move fluid through the first member.



(54) Title of the invention : ELECTROACTIVE POLYMER-BASED LUMEN TRAVERSING DEVICE

(51) International classification

:A61M25/08;

A61M25/08

(31) Priority Document No

:11/161262

(32) Priority Date

:28/07/2005

(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)ETHICON ENDO-SURGERY, INC**

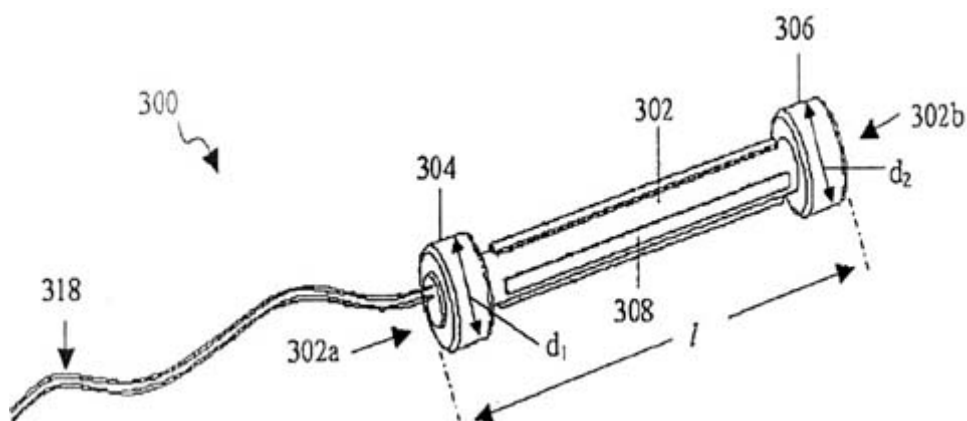
Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A.

(72)Name of Inventor :

**1)Mark S. Ortiz****2)Jeffrey S. Swayze**

(57) Abstract :

Methods and devices are provided for traversing a lumen of a tubular body part, such as the large or small intestine, the colon, the bladder, the stomach, etc. In an exemplary embodiment, the methods and devices utilize electroactive polymers that are selectively actuated to move a device through a lumen.





(54) Title of the invention : ELECTROACTIVE POLYMER-BASED FLEXING ACCESS PORT

(51) International classification

:A61M25/01;

A61M25/01

(31) Priority Document No

:11/161263

(32) Priority Date

:28/07/2005

(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)ETHICON ENDO-SURGERY, INC**

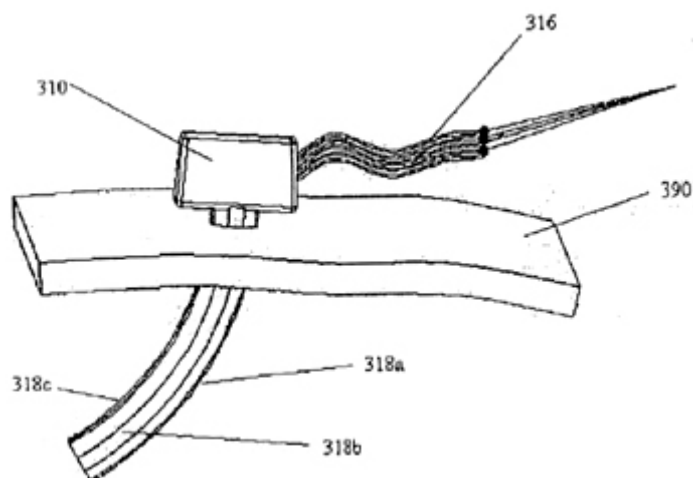
Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A.

(72)Name of Inventor :

**1)Mark S. Ortiz**

(57) Abstract :

Methods and devices are disclosed for providing access through tissue to a surgical site, such as anatomical cavities ranging in size from the abdomen to small blood vessels, such as veins and arteries, epidural, pleural and subarachnoid spaces, heart ventricles, as well as spinal and synovial cavities. In one exemplary embodiment, an access port is provided having one or more electrically expandable and contractible actuators that are adapted to change an orientation of the access port.



(54) Title of the invention : ELECTROACTIVE POLYMER ACTUATED GASTRIC BAND

(51) International classification

:A61B17/132;

(31) Priority Document No

A61B17/12

(32) Priority Date

:11/161268

(33) Name of priority country

:28/07/2005

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

**(71)Name of Applicant :**

**1)ETHICON ENDO-SURGERY,INC**

Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A.  
S.A.

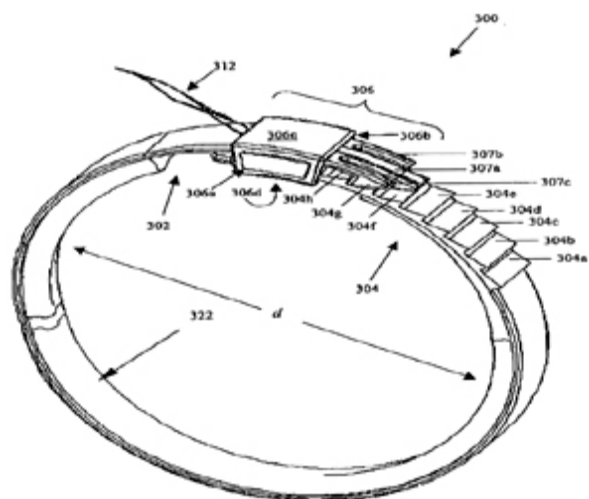
(72) **Name of Inventor :**

**1)Mark S. Ortiz**

---

(57) Abstract :

Methods and devices are provided for remotely adjusting a size of a gastric band disposed around a patient's stomach. In one exemplary embodiment, a gastric band is provided having a first end and a second end that mate to one another to encircle a stomach. A latch mechanism can be formed on the band, and at least one actuator can be coupled to the latch mechanism and it can be adapted to expand and contract the latch mechanism when energy is applied thereto to adjust a diameter of the band. In one exemplary embodiment, the actuator(s) is an electroactive polymer actuator.

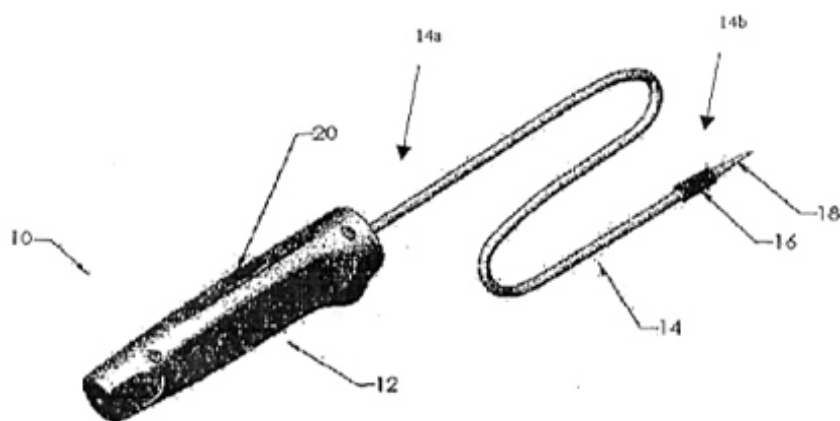


(54) Title of the invention : DEVICES AND METHODS FOR STRICTURE DILATION

|                                               |             |                                                                 |
|-----------------------------------------------|-------------|-----------------------------------------------------------------|
| (51) International classification             | :A61M29/02  | (71)Name of Applicant :                                         |
| (31) Priority Document No                     | :11/161266  | <b>1)ETHICON ENDO-SURGERY,INC</b>                               |
| (32) Priority Date                            | :28/07/2005 | Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A |
| (33) Name of priority country                 | :U.S.A.     | U.S.A.                                                          |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                          |
| Filing Date                                   | :NA         | <b>1)Mark S. Ortiz</b>                                          |
| (87) International Publication No             | : NA        | <b>2)Jeffrey S. Swayze</b>                                      |
| (61) Patent of Addition to Application Number | :NA         |                                                                 |
| Filing Date                                   | :NA         |                                                                 |
| (62) Divisional to Application Number         | :NA         |                                                                 |
| Filing Date                                   | :NA         |                                                                 |

(57) Abstract :

Various methods and devices for dilating strictures in a lumen are provided. In an exemplary embodiment, a stricture dilation device is provided having an elongate shaft with at least one electrically expandable actuator coupled thereto and adapted to radially expand to dilate a stricture in a lumen.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.76/KOLNP/2007 A

(19) INDIA

(22) Date of filing of Application :05/01/2007

(43) Publication Date : 29/06/2007

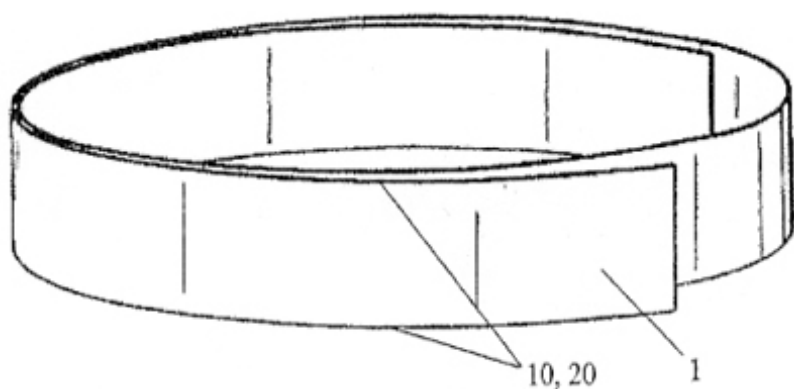
(54) Title of the invention : STEEL BAND FOR DOCTOR BLADES, COATER BLADES AND CREPING BLADES AND POWDER METALLURGICAL METHOD FOR THE MANUFACTURE THEREOF

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C22C 38/22        |
| (31) Priority Document No                     | :10 2004 034 905.3 |
| (32) Priority Date                            | :19/07/2004        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2005/007356 |
| Filing Date                                   | :07/07/2005        |
| (87) International Publication No             | :WO 2006/007984    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)BOHLER-UDDEHOLM PRECISION STRIP GMBH & CO.KG**  
Address of Applicant :Waidhofner Strasse 3 3333  
BOHLERWERK Austria  
(72)**Name of Inventor :**  
**1)DAXELMULLER,MANFRED**  
**2)PONEMAYR,HELMUT**

(57) Abstract :

The present invention relates to a steel band 1 for the manufacturing of doctor blades, coater blades or creping blades comprising a steel composition comprising in percent per weight 1 - 3% C, 4 - 10% Cr, 1 - 8% Mo, 2.5 - 10% V and the remainder essentially iron and contaminants in normal amounts, wherein the steel band 1 is produced by using a powder metallurgical process. Further, this invention relates to doctor blades, coater blades or creping blades of this steel band, as well as a method for its manufacture.



(54) Title of the invention : METHOD FOR MAKING A NEEDLE-FREE JET INJECTION DRUG DELIVERY DEVICE

(51) International classification

:A61M5/30;

A61M15/08

(31) Priority Document No

:11/200,971

(32) Priority Date

:10/08/2005

(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)ALZA CORPORATION**

Address of Applicant :1900 Charleston Road Mountain Lakes CA

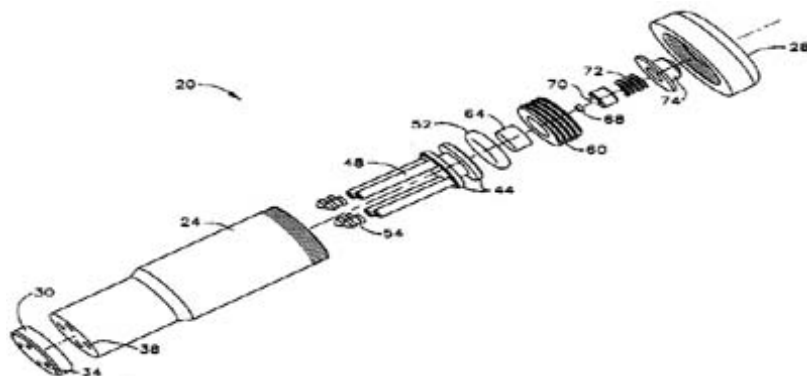
94043 U.S.A U.S.A.

(72)Name of Inventor :

**1)Scott J.Gilbert**

(57) Abstract :

A method for making a jet injection drug delivery device wherein the drug delivery device has at least one drug reservoir and at least one injection nozzle includes the steps of: identifying a drug desired to be delivered; identifying a volume of the drug desired to be delivered; establishing a reservoir diameter for the at least one drug reservoir; establishing a nozzle diameter for the at least one injection nozzle; identifying a tissue model for delivery of the drug; identifying a penetration depth in the tissue model for the delivery of the drug; and injecting the drug into the tissue model under variable pressure until the desired penetration depth is achieved. The method also includes identifying an optimal pressure range for the drug delivery device that achieves the desired penetration depth.

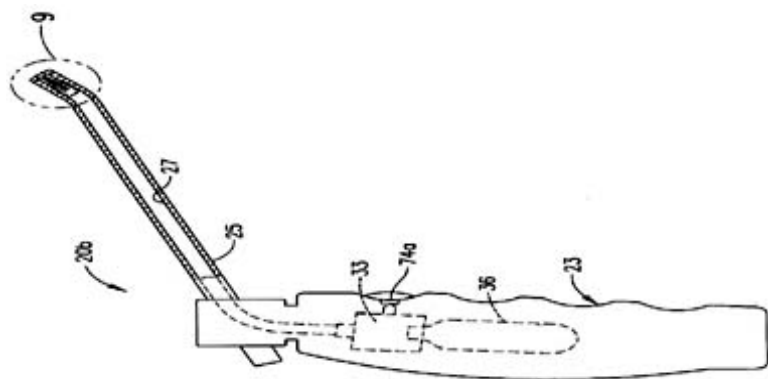


(54) Title of the invention : DRUG DELIVERY DEVICE FOR BUCCAL AND AURAL APPLICATIONS AND OTHER AREAS OF THE BODY DIFFICULT TO ACCESS

|                                               |                                       |                                                                                                                                      |
|-----------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61M5/30;<br>A61M11/00;<br>A61M15/08 | (71)Name of Applicant :<br><b>1)ALZA CORPORATION</b><br>Address of Applicant :1900 Charleston Road Mountain Lakes CA<br>94043 U.S.A. |
| (31) Priority Document No                     | :11/200,772                           | (72)Name of Inventor :                                                                                                               |
| (32) Priority Date                            | :10/08/2005                           | <b>1)Scott J. Gilbert</b>                                                                                                            |
| (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                                   |                                                                                                                                      |

(57) Abstract :

A device for delivering a drug includes a delivery tube wherein the delivery tube has a pressure chamber therein and at least one nozzle at a distal end of the delivery tube and in fluid communication with the pressure chamber. A source of drug is adjacent the at least one nozzle and a handle is located at a proximal end of the delivery tube. An energy source is located in the handle for providing a driving pressure of up to about 2,000 psi within the delivery tube for driving the drug through the at least one nozzle and out of the delivery tube. The delivery device is particularly useful for delivering drug under microjet propulsion to the mouth, ear and other areas of the body that are difficult to access.

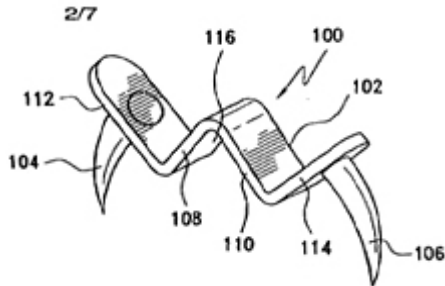


(54) Title of the invention : FASTENERS FOR USE WITH GASTRIC RESTRICTION

|                                               |                           |                                                                                                                                               |
|-----------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B17/064;<br>A61B17/03 | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY, INC</b><br>Address of Applicant :4545 CREEK ROAD CINCINNATI, OH 45242<br>U.S.A. |
| (31) Priority Document No                     | :11/197,529               | (72) <b>Name of Inventor :</b>                                                                                                                |
| (32) Priority Date                            | :05/08/2005               | <b>1)MARK S. ORTIZ</b>                                                                                                                        |
| (33) Name of priority country                 | :U.S.A.                   | <b>2)MICHAEL J. STOKES</b>                                                                                                                    |
| (86) International Application No             | :NA                       | <b>3)DAVID N. PLESCLA</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 fastener is used during endoscopic procedures in which a suture is used in creating a predefined pouch through tissue apposition within the stomach. The fastener includes a fastener body having a tissue anchor for selectively securing the fastener body to tissue. The fastener body also includes a connection aperture shaped and dimensioned for passage of a suture therethrough.

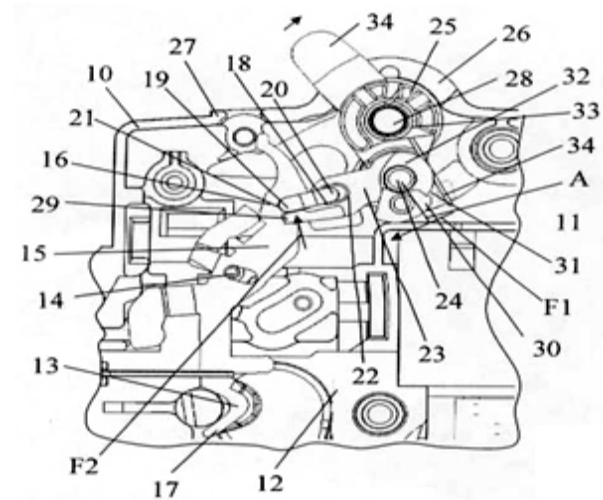


(54) Title of the invention : MINITURE CIRCUIT BREAKER

|                                               |                                        |                                                                                                                                   |
|-----------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H73/50;<br>H01H73/48;<br>H01H73/00 | (71) <b>Name of Applicant :</b><br><b>1)ABB PATENT GMBH</b><br>Address of Applicant :Wallstadter Str. 59, 68526 Ladenburg Germany |
| (31) Priority Document No                     | :102005038149.9                        | (72) <b>Name of Inventor :</b>                                                                                                    |
| (32) Priority Date                            | :12/08/2005                            | <b>1)CHRISTMANN, JURGEN</b>                                                                                                       |
| (33) Name of priority country                 | :Germany                               | <b>2)WEBER, RALF</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 invention relates to a miniture circuit breaker with a latch for continuously opening and closing a contact point (12, 13) with a contact lever (15) on which the moving contact member (13) is moulded on, with a toggle lever gear with a link (23) connected to a switching handle (25) and a coupling element (18), the coupling element (18) connecting the link (23) with the contact lever (15), which toggle lever gear can be brought from a first stable position (switched-on position, Figure 2) into a second stable position via a dead-centre position by means of a tripping mechanism, the contact lever (15) being rotated and the contact point (12, 13) being permanently opened. A compression spring (33, 34) is provided which acts on the link (23) and the force (F1) of which acts approximately in the direction of the longitudinal extent of the link (23) in the switched-off position, and thus at the beginning of the switching-on process, and transversely thereto in the switched-on position.





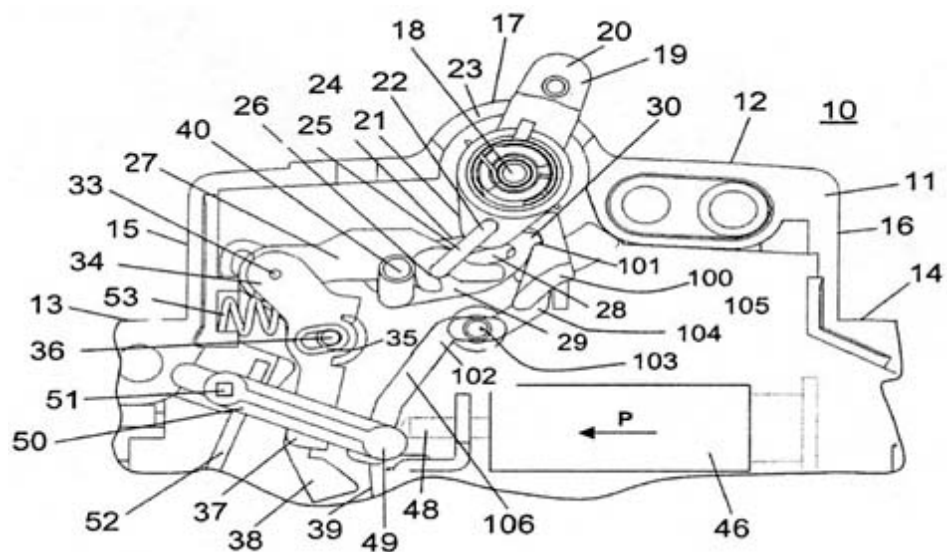
(54) Title of the invention : ELECTRICAL SWITCHING DEVICE

|                                               |                 |                                                              |
|-----------------------------------------------|-----------------|--------------------------------------------------------------|
| (51) International classification             | :H01H 25/06     | (71) <b>Name of Applicant :</b>                              |
| (31) Priority Document No                     | :102005041231.9 | <b>1)ABB PATENT GMBH</b>                                     |
| (32) Priority Date                            | :31/08/2005     | Address of Applicant :Wallstadter Str. 59, Ladenburg Germany |
| (33) Name of priority country                 | :Germany        | (72) <b>Name of Inventor :</b>                               |
| (86) International Application No             | :NA             | <b>1)CHRISTMANN, JURGEN</b>                                  |
| Filing Date                                   | :NA             | <b>2)WEBER, RALF</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             |                                                              |

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(57) Abstract :

The invention relates to electrical switching device, particularly line, motor or fault-current circuit breakers, with a thermal release, with an electromagnetic release, with a switching mechanism with a latching point and at least one contact point which is continuously opened or closed by means of the switching mechanism, with an operating handle which is connected to one end of a lug by means of a coupling element and the other end of which is coupled to a contact base carrying the moving contact member, and with a latching lever which, together with a release lever, forms the latching point. The contact base for the moving contact member is located between the thermal release and the electromagnetic release. Together with a rotatably supported release lever interacting with the electromagnetic release and the thermal release, the latching lever forms the latching point. The thermal release is coupled to the release lever by means of a connecting rod passing over the contact base so that both the thermal release and the electromagnetic release open the latching point in the event of an overcurrent and/or short-circuit current and in that a striking lever is provided, which is mounted such that it can rotate, can be pivoted on the one hand by the thermal release and on the other hand by the electrical release, and, on release, pivots the release lever in the direction to unlatch the latching point.



## (54) Title of the invention : RUBBER COMPOSITION FOR SIDE WALL

|                                               |              |                                                                                       |
|-----------------------------------------------|--------------|---------------------------------------------------------------------------------------|
| (51) International classification             | :C08L 9/06   | (71) <b>Name of Applicant :</b>                                                       |
| (31) Priority Document No                     | :2005-246008 | <b>1)SUMITOMO RUBBER INDUSTRIES, LTD.</b>                                             |
| (32) Priority Date                            | :26/08/2005  | Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO-KEN Japan |
| (33) Name of priority country                 | :Japan       | (72) <b>Name of Inventor :</b>                                                        |
| (86) International Application No             | :NA          | <b>1)WADA TAKAO</b>                                                                   |
| Filing Date                                   | :NA          | <b>2)UCHIDA MAMORU</b>                                                                |
| (87) International Publication No             | : NA         | <b>3)HIRAYAMA TOMOAKI</b>                                                             |
| (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 a rubber composition for a side wall, wherein an amount ratio of resources other than petroleum are increased so as to be ecological and take measures for the decrease in supply of petroleum in the future, which further has excellent flex crack resistance and strength. A rubber composition for a side wall comprising 20 to 60 parts by weight of silica based on 100 parts by weight of a rubber component comprising 40 to 80 % by weight of a natural rubber and 60 to 20 % by weight of at least one rubber selected from the group consisting of a butadiene rubber, a styrene-butadiene rubber and an epoxidized natural rubber, and 4 to 16 parts by weight of a silane compound represented by the following formula:  $X_n-Si-Y_{4-n}$  (wherein X represents an ethoxy group or a methoxy group, and Y represents a phenyl group or an alkyl group) based on 100 parts by weight of silica.

(54) Title of the invention : A DISPENSER TAP WITH TWO STAGE VALVE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B67D1/14          |
| (31) Priority Document No                     | :0414939.9         |
| (32) Priority Date                            | :02/07/2004        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2005/002587 |
| Filing Date                                   | :30/06/2005        |
| (87) International Publication No             | :WO 2006/003410    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

**1)DIAGEO IRELAND**

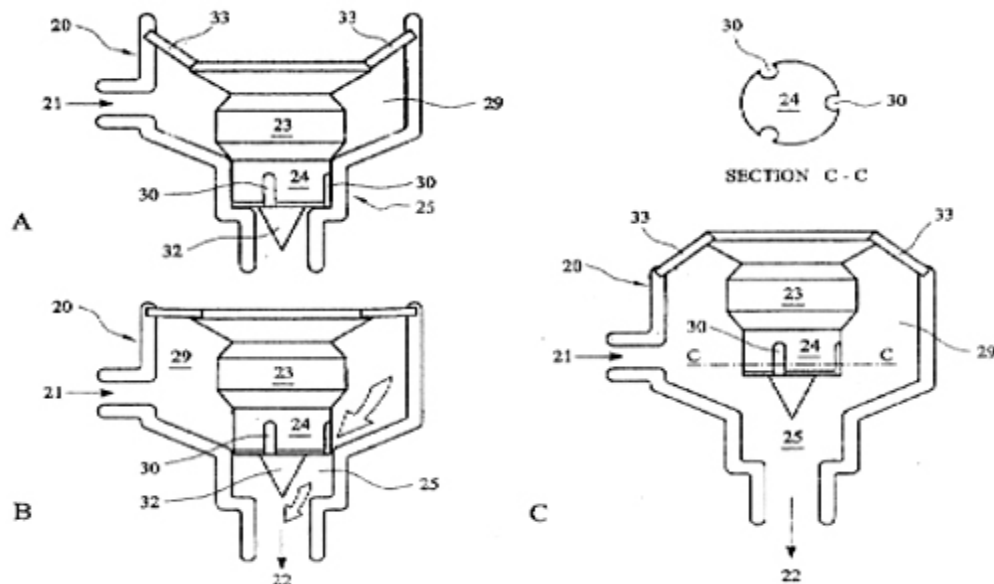
Address of Applicant :ST.JAMES'S GATE DUBLIN 8 Ireland

(72)Name of Inventor :

**1)HANSSON,GUY,ROBERT****2)SMITH,PAUL,CLLFFORD****3)WALSHE,JUSTIN**

(57) Abstract :

A dispenser for delivering beverages (e.g. beer) including a main body (20), an inlet (21), an outlet (23) and a piston stop valve (23). In use, the piston moves from a first closed position (A) to a second position (B) where fluid is permitted only through restricted channels(30) that causes turbulent flow and hence foam formation for the head of the beverage. In a third position (C), flow is completely open from the inlet to the outlet and foam formation is minimised.

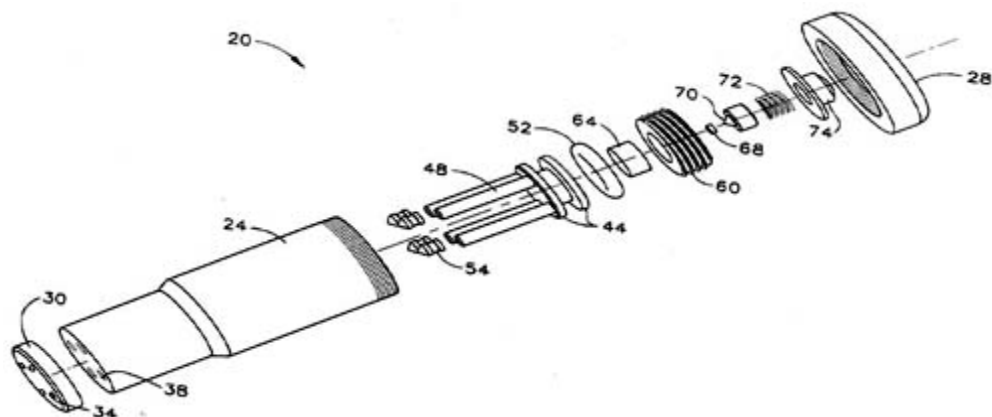


(54) Title of the invention : NEEDLE-FREE JET INJECTION DRUG DELIVERY DEVICE

|                                               |             |                                                     |
|-----------------------------------------------|-------------|-----------------------------------------------------|
| (51) International classification             | :A61M5/30   | (71) <b>Name of Applicant :</b>                     |
| (31) Priority Document No                     | :10/201,071 | <b>1)ALZA CORPORATION</b>                           |
| (32) Priority Date                            | :10/08/2005 | Address of Applicant :1900 CHARLESTON ROAD MOUNTAIN |
| (33) Name of priority country                 | :U.S.A.     | LAKES CA 94043 U.S.A.                               |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                      |
| Filing Date                                   | :NA         | <b>1)Scott J. Gilbert</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 device for delivering a drug includes a housing; at least one nozzle at a portion of the housing; a source of drug in the housing; and an energy source for providing a pressure of up to about 2,000 psi for driving the drug through the at least one nozzle and out of the housing. The drug is delivered to tissue under microjet propulsion. The device is particularly useful for drug delivery applications such as transdermal and ocular by way of example.

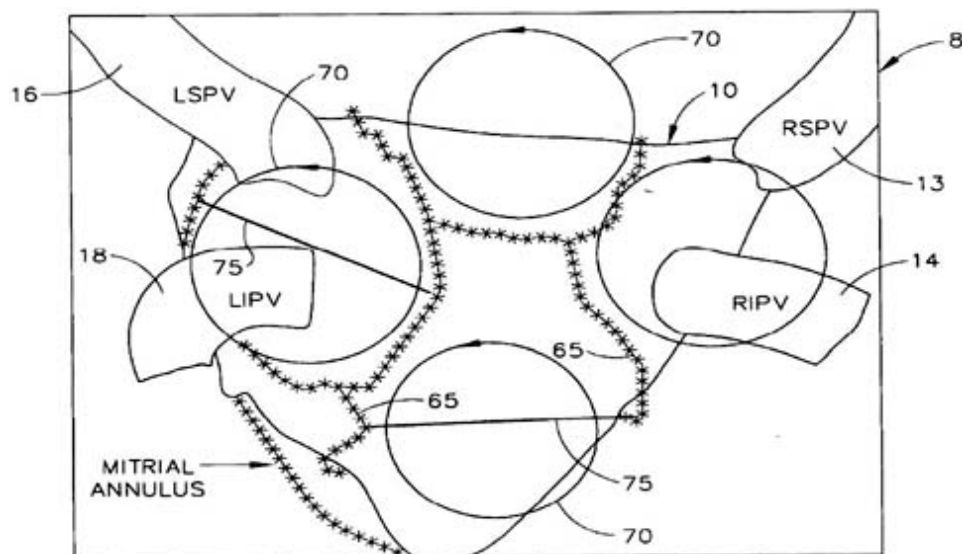


(54) Title of the invention : STANDARDIZATION OF CATHETER-BASED TREATMENT FOR ATRIAL FIBRILLATION.

|                                               |              |                                                                              |
|-----------------------------------------------|--------------|------------------------------------------------------------------------------|
| (51) International classification             | :A61B17/00   | (71) <b>Name of Applicant :</b>                                              |
| (31) Priority Document No                     | :11/195, 235 | <b>1)Biosense Webster, Inc</b>                                               |
| (32) Priority Date                            | :02/08/2005  | Address of Applicant :3333 Diamond Canyon Road, Diamond Bar CA 91765, U.S.A. |
| (33) Name of priority country                 | :U.S.A.      | (72) <b>Name of Inventor :</b>                                               |
| (86) International Application No             | :NA          | <b>1)Yitzhack Schwartz</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 for treating atrial fibrillation in an atrium of a heart includes (a) acquiring an image or map of the atrium; (b) displaying the image or map of the atrium; (c) marking at least one feature on the image or map; (d) calculating dimensions of the at least one feature; (e) identifying one or more points on or within the atrium for treatment as part of a treatment plan; (f) determining paths to the one or more points on or within the atrium for treatment; (g) simulating insertion of a sheath into the atrium; (h) simulating insertion of a medical device through the sheath and into the atrium; (i) verifying that the one or more points on or within the atrium can be accessed for treatment; (j) computing an overall surface area of the atrium; (k) calculating an estimated area not treated in the atrium based on the treatment plan; (l) assessing whether macro-reentrant circuits can exist in the estimated area not treated in the atrium; (m) repeating steps (e) - (l) in the event step (l) indicates that macro-reentrant circuits can exist in the estimated area not treated in the atrium; and (n) implementing the treatment plan.



(54) Title of the invention : ORGANOSILICON COMPOUNDS, THEIR PREPARATION AND THEIR USE.

|                                               |                 |                                                             |
|-----------------------------------------------|-----------------|-------------------------------------------------------------|
| (51) International classification             | :C07F 7/18      | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :102005038791.8 | <b>1)DEGUSSA AG,</b>                                        |
| (32) Priority Date                            | :17/08/2005     | Address of Applicant :Bennigsenplatz 1, DE-40474 Dusseldorf |
| (33) Name of priority country                 | :Germany        | Germany                                                     |
| (86) International Application No             | :NA             | (72) <b>Name of Inventor :</b>                              |
| Filing Date                                   | :NA             | <b>1)Dr. Karsten Korth</b>                                  |
| (87) International Publication No             | : NA            | <b>2)Andre Hasse</b>                                        |
| (61) Patent of Addition to Application Number | :NA             | <b>3)Susann Witzsche</b>                                    |
| Filing Date                                   | :NA             | <b>4)Dr. Oliver Klockmann</b>                               |
| (62) Divisional to Application Number         | :NA             | <b>5)Dr. Philipp Albert</b>                                 |
| Filing Date                                   | :NA             |                                                             |

(57) Abstract :

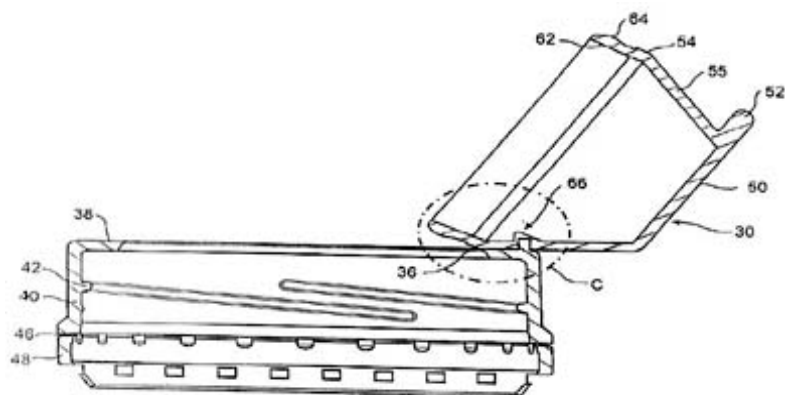
The invention relates to organosilicon compounds of the general formula Q- [S-G-Si (-O-CX1-CXbc3-) 3N] . The organosilicon compounds are prepared by reacting at least one organosilicon compound of the general formula X10S-G-Si (-O-CX-CX3-) 3N and an organic or inorganic acid anhydride, an organic or inorganic acid halide or organic or inorganic ester. The organosilicon compounds are prepared by subjecting a compound of the general formula Q(-SH) to an addition reaction with at least one organosilicon compound containing double bonds and of the general formula CX1X2=CX2-G1-Si(O-CX1X2-CX1X3)3N. The organosilicon compounds are prepared by reacting at least one compound of the general formula Q(-S-X10) with a compound of the general formula halogen-G-Si (O-CX-Cxhc3) 3N. The organosilicon compounds are prepared by reacting silanes of the general formulae Q-[S-G-Si(alkoxy)3] , (alkoxy)3Si-G-S-C(=O)-Z-C(=O)-S-G-Si(alkoxy) 3, (alkoxy)3Si-G-S-C(=S)-Z-C(=S)-S-G-Si(alkoxy)3 or (alkoxy)3Si-G-S-C(=NR)-Z-C(=NR)-S-G-Si(alkoxy)3 with compounds of the general formula (HO-CXV-CX^3-) 3N with elimination of (alkoxy)-H and separating (alkoxy)-H from the reaction mixture. The organosilicon compounds can be used in rubber blends.

(54) Title of the invention : DISPENSING CLOSURE.

|                                               |                 |                                                                |
|-----------------------------------------------|-----------------|----------------------------------------------------------------|
| (51) International classification             | :B65D 50/04     | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :102005038929.5 | <b>1)SEAQUIST-LOFFLER KUNSTSTOFFWERK GMBH</b>                  |
| (32) Priority Date                            | :17/08/2005     | Address of Applicant :Lofflerstrasse 1, 94078 Freyung, Germany |
| (33) Name of priority country                 | :Germany        | (72) <b>Name of Inventor :</b>                                 |
| (86) International Application No             | :NA             | <b>1)GERHARD F.K. JACKEL</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 dispensing closure of plastic for fluid containers, wherein said dispensing closure consists of a closure body that can be fixed in a sealed fashion on a neck featuring the dispensing opening of the container and a cap that is coupled to the closure body by means of a hinge, wherein the top plate of said cap is provided with an integral sealing cone on its underside that is designed for engaging into the neck opening of the container in a sealing fashion, and wherein the dispensing closure is integrally injection-moulded in the closed state and the cap is at least partially connected to the closure body by at least one predetermined breaking point between an annular cover of the closure body and a cap shell.

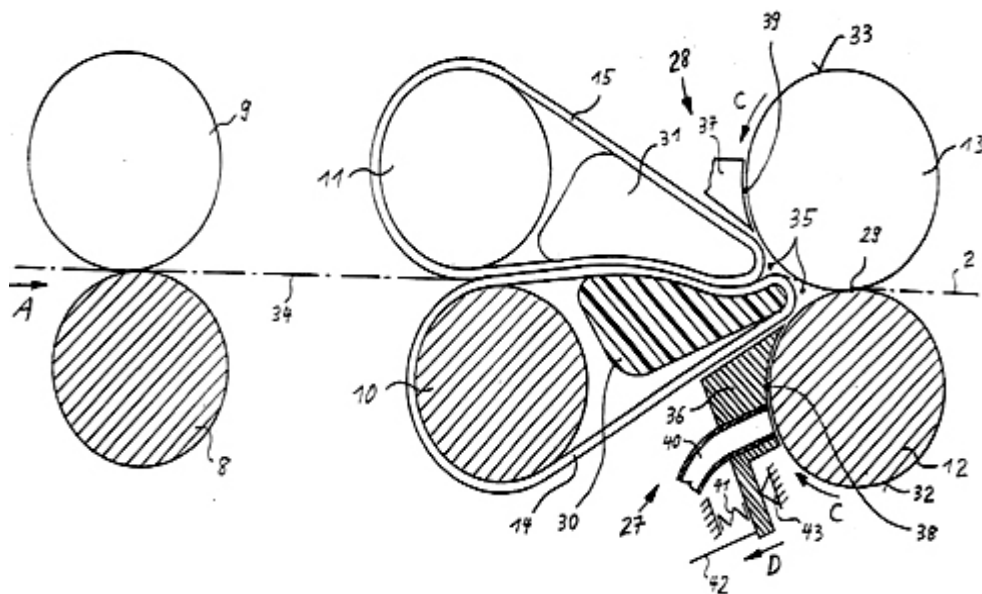


(54) Title of the invention : AN ARRANGEMENT FOR MANUFACTURING KNITTED FABRICS.

|                                               |                 |                                                            |
|-----------------------------------------------|-----------------|------------------------------------------------------------|
| (51) International classification             | :D04B 9/00      | (71)Name of Applicant :                                    |
| (31) Priority Document No                     | :102005044082.7 | <b>1)SPINDELFABRIK SUESSEN GMBH</b>                        |
| (32) Priority Date                            | :08/09/2005     | Address of Applicant :Dammstrasse 1, 73079 Sussen ,Germany |
| (33) Name of priority country                 | :Germany        | Germany                                                    |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                     |
| Filing Date                                   | :NA             | <b>1)Gerd STAHLECKER</b>                                   |
| (87) International Publication No             | : NA            | <b>2)Gernot SCHAFFLER,</b>                                 |
| (61) Patent of Addition to Application Number | :NA             | <b>3)Nora STOPP,</b>                                       |
| Filing Date                                   | :NA             |                                                            |
| (62) Divisional to Application Number         | :NA             |                                                            |
| Filing Date                                   | :NA             |                                                            |

## (57) Abstract :

An arrangement for manufacturing a knitted fabric with a knitting device comprising knitting needles and at least one knitting position. The arrangement also comprises at least one drafting device for drafting a fibre strand, which drafting device is arranged upstream of the knitting position and which comprises a delivery roller pair. The delivery roller pair forms a delivery nipping line. In direct proximity to the delivery roller pair, devices are arranged for keeping airstreams, which rotate with the delivery roller pair, away from the area of the delivery nipping line. An apron pair can be arranged upstream of the delivery roller pair, said apron pair forming a wedge-shaped gap with the delivery nipping line, whereby the devices for keeping away rotating airstreams can be arranged outside of this wedge-shaped gap, but in direct proximity to the delivery roller pair and the apron pair. Furthermore, means of varying designs for interrupting the boundary layer of the air stream can be provided at at least one roller of the delivery roller pair.



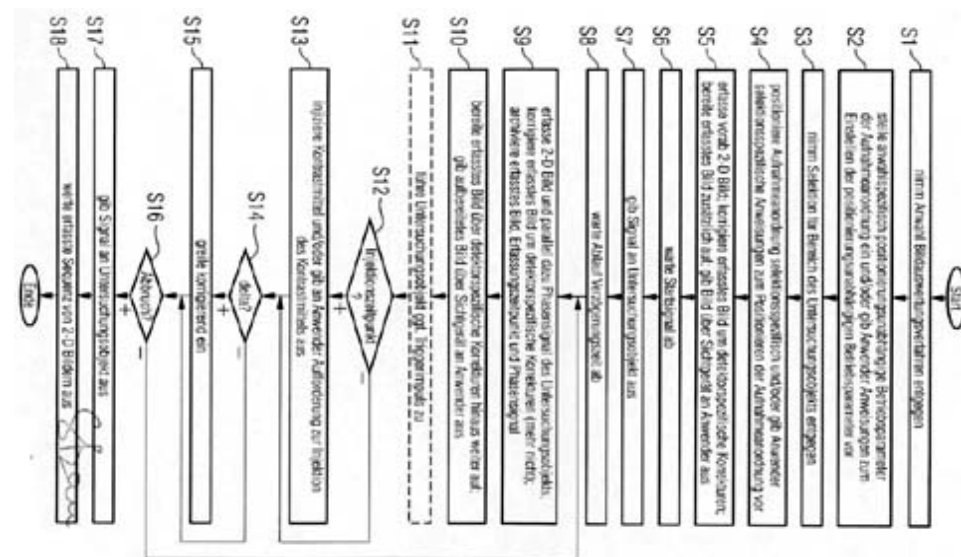


(54) Title of the invention : OPERATING METHOD FOR AN IMAGE GENERATING MEDICAL ENGINEERING ASSEMBLY AND ARTICLES ASSOCIATED HEREWITH

|                                               |                 |                                                                    |
|-----------------------------------------------|-----------------|--------------------------------------------------------------------|
| (51) International classification             | :G06K9/00       | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :102005036564.7 | <b>1)SIEMENS AKTIENGESELLSCHAFT</b>                                |
| (32) Priority Date                            | :03/08/2005     | Address of Applicant :Wittlesbeacherplatz 2, 80333 Munchen Germany |
| (33) Name of priority country                 | :Germany        | Germany                                                            |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA             | <b>1)ESTELLE CAMUS</b>                                             |
| (87) International Publication No             | : NA            | <b>2)Martin Kleen</b>                                              |
| (61) Patent of Addition to Application Number | :NA             | <b>3)THOMAS REDEL</b>                                              |
| Filing Date                                   | :NA             |                                                                    |
| (62) Divisional to Application Number         | :NA             |                                                                    |
| Filing Date                                   | :NA             |                                                                    |

(57) Abstract :

A controller (2) of an image-generating medical engineering assembly receives a selection of an image valuation method from a user (12). It subsequently automatically adjusts selection-specific, positioning-independent operating parameters (U, I,  $\alpha$ , y, R, M) of the recording arrangement (1) and or provides the user (12) with instructions for adjusting the positioning-independent operating parameters (U, I,  $\alpha$ , y, R, M) In response to a user's (12) start input (S) the controller (2) captures by means of a recording arrangement (1) of the image-generating medical engineering assembly a sequence of successive two-dimensional images (B) of an iteratively moving object being examined (11) and capturing instants (t) thereof as well as a phase signal ( $\Phi$ ) of the object being examined (11) and archives the sequence of images (B), capturing instants (t) and the phase signal ( $\Phi$ ).



(54) Title of the invention : A DISPENSER TAP

(51) International classification :B67D1/14  
 (31) Priority Document No :0414938.1  
 (32) Priority Date :02/07/2004  
 (33) Name of priority country :U.K.  
 (86) International Application No :PCT/GB2005/002599  
 Filing Date :30/06/2005  
 (87) International Publication No :WO 2006/003420  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)DIAGEO IRELAND**

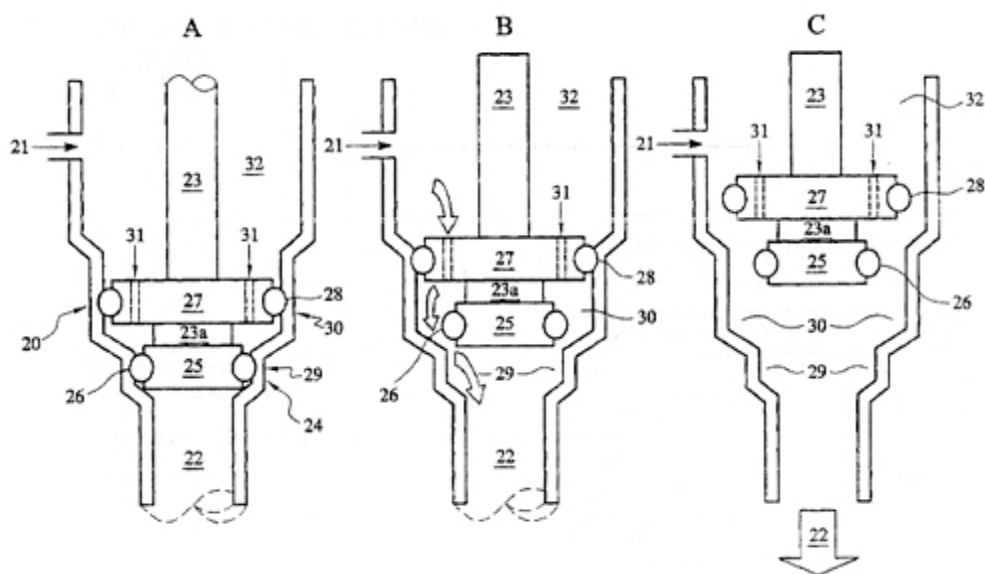
Address of Applicant :ST.JAMES'S GATE DUBLIN 8 Ireland

(72)Name of Inventor :

**1)HANSSON,GUY,ROBERT****2)SMITH ,PAUL,CLLFFORD****3)WALSHE,JUSTIN**

(57) Abstract :

A dispenser for delivering beverages (e.g. beer) including a main body (20), an inlet (21), an outlet (23) and a piston stop valve (23). In use, the piston moves from a first closed position (A) to a second position (B) where fluid is permitted only through a restricted aperture (31) provided in a collar (27) that extends around the piston. The restricted flow path causes turbulence and hence foam formation on the beverage. In a third position (C), flow is completely open from the inlet to the outlet.



(54) Title of the invention : APPARATUS FOR SINGLE PASS GASTRIC RESTRICTION

(51) International classification

:A61B17/00;

A61M31/00

(31) Priority Document No

:11/197,543

(32) Priority Date

:05/08/2005

(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)ETHICON ENDO-SURGERY, INC.**

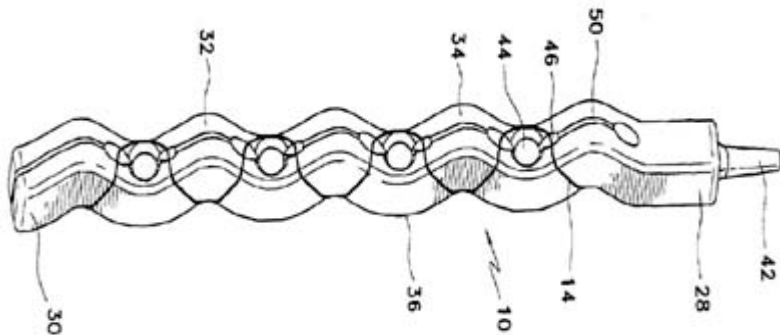
Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A.

(72)Name of Inventor :

**1)Mark S. Ortiz****2)David B. Griffith****3)Michael J. Stokes**

(57) Abstract :

A gastric reduction apparatus that facilitates the creation of a transoral linear passageway through the stomach includes an elongated body including a proximal end and a distal end. The elongated body is generally sinusoidal shaped with at least one tissue engaging surface oriented such that a needle will pass therethrough. The elongated body also includes at least one needle passing channel respectively formed adjacent the at least one tissue engaging surface. The at least one needle passing channel generally passes through the center of the sinusoidal waveforms defined by the at least one tissue engaging surface such that a needle will pass entirely through stomach tissue contacting the tissue engaging surface of the elongated body. The elongated body further includes a suture passing channel.



(54) Title of the invention : VALVE ARRANGEMENT FOR THE ACTIVATION OF A STRUCTURAL ELEMENT

(51) International classification :F15B13/04  
 (31) Priority Document No :102005040039.6  
 (32) Priority Date :23/08/2005  
 (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)ABB PATENT GMBH**

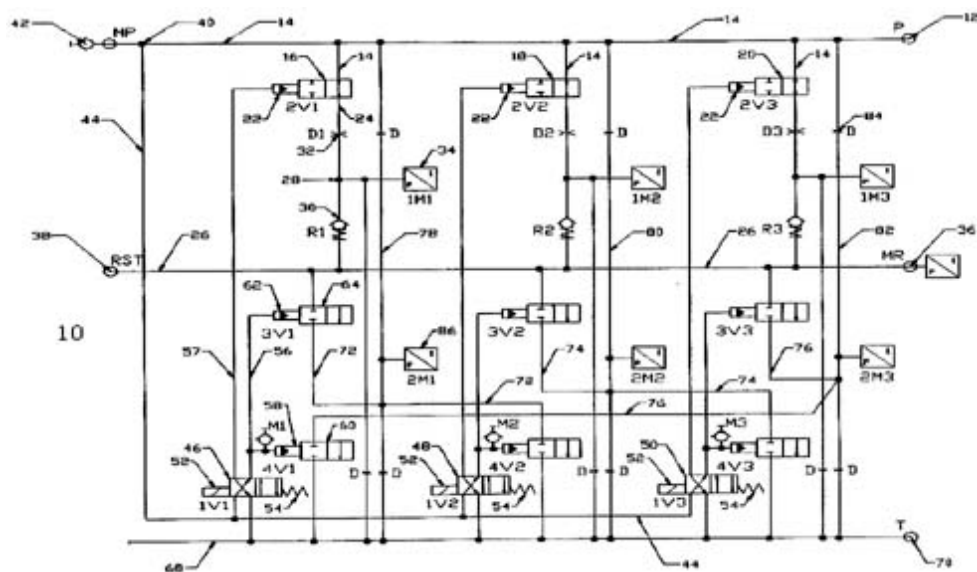
Address of Applicant :Wallstadter Str. 59, 68526 Ladenburg Germany

(72)Name of Inventor :

**1)HERRMANN, TOBIAS****2)WARMUTH, WOLFGANG**

(57) Abstract :

The valve arrangement for the activation of a structural element has three inlet switching valves (16, 18, 20) through which a pressure-loaded medium can be conducted. These inlet switching valves (16, 18, 20) are connected on their inflow side to a pressure supply by means of inflow lines (14) and are arranged parallel to one another in flow terms. Moreover, the valve arrangement has a connection element (38), which is connected to outflow sides of all the inlet valves (16, 18, 20) by means of pressure lines (24, 26). A control line (44) acted upon by the medium is connected to the pressure supply. The three switching-valve groups can be activated by means of the control line (44), and in each case two switching valves (60, 64) and in each case one inlet switching valve (16, 18, 20) are assigned to each switching-valve group. Furthermore, an activation valve (46, 48, 50) is interposed in each case between a switching-valve group and the control line (44)", by means of which activation valve the switching actions of the switching valves (60, 64) and of the inlet valve (16, 18, 20) of the corresponding switching-valve group are made possible. Furthermore, three outflow lines (72, 74, 76) for the medium, which are connected in parallel in flow terms, are arranged between an outflow location (70) for the medium and the connection element (38), and two switching valves (60, 64) are arranged in a series connection in each of the outflow lines (72, 74, 76). Finally, the switching valves of each outflow line (72, 74, 76) are actuated by different activation valves (46, 48, 50). Moreover, the invention relates to a valve arrangement for the activation of a structural element in a more general form.



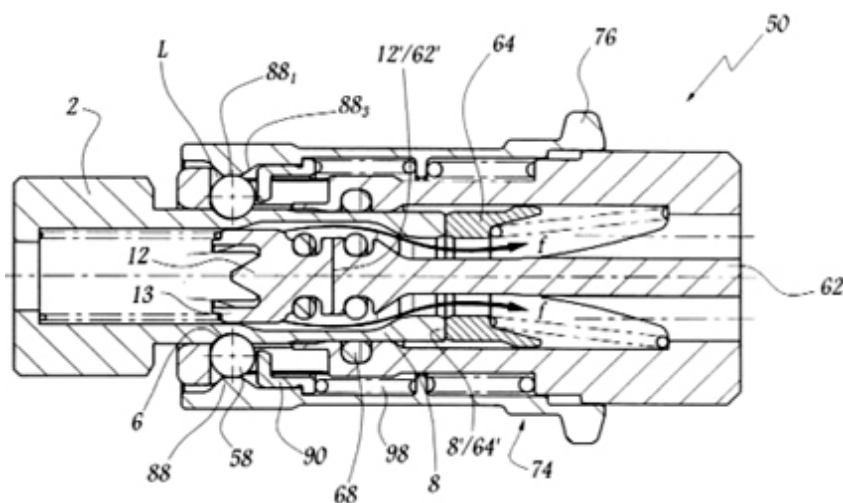
(54) Title of the invention : A COUPLING ASSEMBLY FOR A FLUID-FLOW CIRCUIT.

|                                               |             |                                                        |  |
|-----------------------------------------------|-------------|--------------------------------------------------------|--|
| (51) International classification             | :F16L37/00  | (71) <b>Name of Applicant :</b>                        |  |
| (31) Priority Document No                     | :05 08492   | <b>1)STAUBLI FAVERGES</b>                              |  |
| (32) Priority Date                            | :10/08/2005 | Address of Applicant :French Corporation, PLACE ROBERT |  |
| (33) Name of priority country                 | :France     | STAUBLI, F-74210 Faverges France                       |  |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                         |  |
| Filing Date                                   | :NA         | <b>1)CHAPPAZ RENE,</b>                                 |  |
| (87) International Publication No             | : NA        | <b>2)TIBERGHIE ALAIN-CHRISTOPHE</b>                    |  |
| (61) Patent of Addition to Application Number | :NA         |                                                        |  |
| Filing Date                                   | :NA         |                                                        |  |
| (62) Divisional to Application Number         | :NA         |                                                        |  |
| Filing Date                                   | :NA         |                                                        |  |

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(57) Abstract :

The coupling assembly comprises an end piece (2) suitable for being secured to the outlet of a fluid-flow circuit, and a coupling member (50) comprising a body (52), at least one housing (L) for receiving said locking balls (58), a slider (90) defining an axial wall of the housing (L), a control member (74) provided with a ball-locking element (88) that is movable between an active position in which it entrains the slider into its advanced position, and a release position, and return means (84) for returning the control member (74) into its released position, which return means are interposed between facing walls (86, 82) belonging respectively to the body (52) and to the control member (74) .

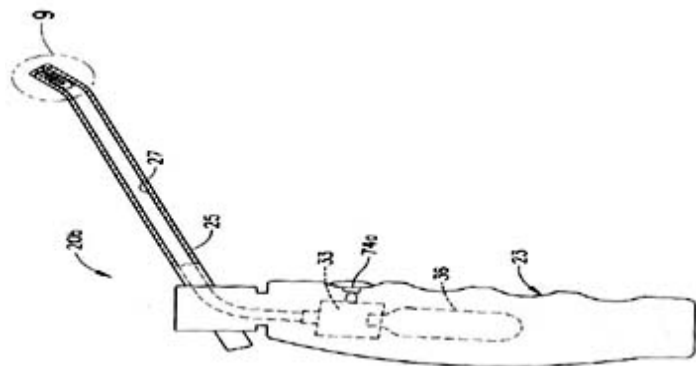


(54) Title of the invention : METHOD FOR DELIVERING DRUGS TO TISSUE UNDER MICROJET PROPULSION

|                                               |             |                                                              |
|-----------------------------------------------|-------------|--------------------------------------------------------------|
| (51) International classification             | :A61M5/30   | (71)Name of Applicant :                                      |
| (31) Priority Document No                     | :10/200,749 | <b>1)ALZA CORPORATION</b>                                    |
| (32) Priority Date                            | :10/08/2005 | Address of Applicant :1900 Charleston Road Mountain Lakes CA |
| (33) Name of priority country                 | :U.S.A.     | 94043 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                       |
| Filing Date                                   | :NA         | <b>1)Scott J. Gilbert</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 delivering a drug into tissue includes the steps of: providing a drug delivery device having at least one nozzle and a drug contained in a portion of the device; identifying a site for delivery of the drug in or on tissue; placing a portion of the device on or near the site; and delivering the drug into the tissue at the site through at least one nozzle of the device under microjet propulsion.

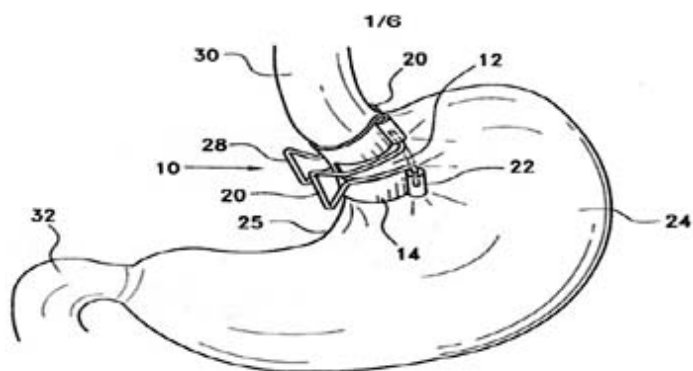


(54) Title of the invention : METHOD AND CLAMP FOR GASTRIC REDUCTION SURGERY

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B17/12  | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/197,528 | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |
| (32) Priority Date                            | :05/08/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                            |
| (86) International Application No             | :NA         | <b>1)Mark S. Ortiz</b>                                            |
| Filing Date                                   | :NA         | <b>2)William J. Kraimer</b>                                       |
| (87) International Publication No             | : NA        | <b>3)Michael J. Stokes</b>                                        |
| (61) Patent of Addition to Application Number | :NA         | <b>4)David B. Griffith</b>                                        |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

(57) Abstract :

A method for gastric reduction surgery includes the step of applying at least one Clamp to the stomach in a manner forming a gastric pouch. The clamp includes a clamp body shaped and dimensioned to create a gastric pouch with a standard size from approximately 15 cc to approximately 30 cc.

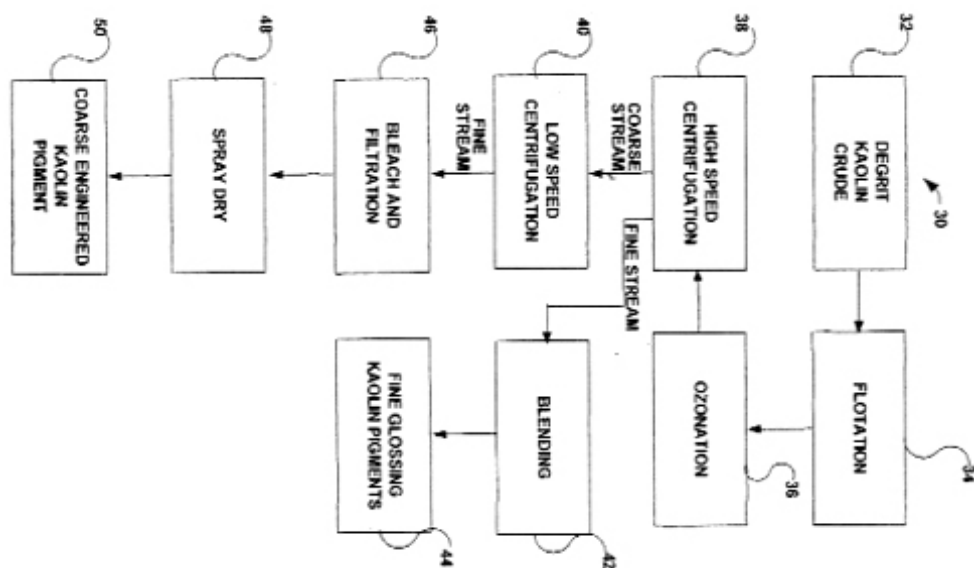


(54) Title of the invention : KAOLIN PIGMENTS AND METHODS OF MAKING THE SAME

|                                               |                    |                                                             |
|-----------------------------------------------|--------------------|-------------------------------------------------------------|
| (51) International classification             | :C09C 1/42         | (71)Name of Applicant :                                     |
| (31) Priority Document No                     | :10/885,947        | <b>1)ENGELHARD CORPORATION</b>                              |
| (32) Priority Date                            | :07/07/2004        | Address of Applicant :101,WOOD AVENUE P.O.BOX 770 ISELIN,NJ |
| (33) Name of priority country                 | :U.S.A.            | 08830-0770 U.S.A.                                           |
| (86) International Application No             | :PCT/US2005/023216 | (72)Name of Inventor :                                      |
| Filing Date                                   | :28/06/2005        | <b>1)MATHUR,SHARAD</b>                                      |
| (87) International Publication No             | :WO 2006/017030    | <b>2)FOLMAR,KENNETH,W.</b>                                  |
| (61) Patent of Addition to Application Number | :NA                | <b>3)THOMPSON,DAVID,KIRK</b>                                |
| Filing Date                                   | :NA                | <b>4)DANIELS,BARRY,L.</b>                                   |
| (62) Divisional to Application Number         | :NA                |                                                             |
| Filing Date                                   | :NA                |                                                             |

(57) Abstract :

Disclosed are methods of processing kaolin to produce two distinct grades of kaolin in a simultaneous manner. The methods involve processing kaolin by degrading a kaolin crude; subjecting the degraded kaolin crude to flotation to provide a kaolin having reduced titania content; ozonating the kaolin having reduced titania content; centrifuging the kaolin to provide a coarse stream and fine stream; refining the coarse stream into a coarse engineered kaolin pigment; and refining the fine stream into a fine glossing kaolin pigment. Also disclosed are systems for the automated processing of kaolin to produce two distinct grades of kaolin with real time feedback.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.790/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : ANTITHROMBOTIC AGENTS

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :A61K39/395        | (71)Name of Applicant :                                  |
| (31) Priority Document No                     | :08/206,553        | <b>1)ASTRAZENECA AB,</b>                                 |
| (32) Priority Date                            | <b>:04/03/1994</b> | Address of Applicant :S-151 85 Sodertalje, Sweden Sweden |
| (33) Name of priority country                 | :U.S.A.            | (72)Name of Inventor :                                   |
| (86) International Application No             | :NA                | <b>1)GERALD FLOYD SMITH</b>                              |
| Filing Date                                   | :NA                | <b>2)MICHAEL ROBERT WILEY,</b>                           |
| (87) International Publication No             | : NA               | <b>3)AARON LEIGH SCHACHT,</b>                            |
| (61) Patent of Addition to Application Number | :NA                | <b>4)ROBERT THEODORE SHUMAN</b>                          |
| Filing Date                                   | :NA                |                                                          |
| (62) Divisional to Application Number         | :179/Cal/1995      |                                                          |
| Filing Date                                   | :21/02/1995        |                                                          |

(57) Abstract :

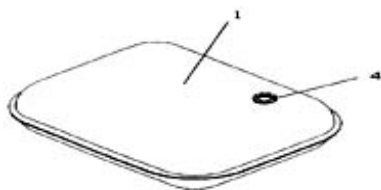
This invention relates to thrombin inhibiting compounds having the Formula I X-Y-NH-(CH<sub>2</sub>)<sub>r</sub>-G where X, Y, r and G have the values defined in the description, as well as pharmaceutical formulations containing those compounds and methods of their use as thrombin inhibitors, coagulation inhibitors, and thromboembolic disorder agents.

(54) Title of the invention : BULK LIQUID FLEXIBAG

|                                               |                 |                                                                |
|-----------------------------------------------|-----------------|----------------------------------------------------------------|
| (51) International classification             | :B65D88/22      | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :200520062752.7 | <b>1)Chung Min Linerbags (Hui Zhou) Ltd.</b>                   |
| (32) Priority Date                            | :10/08/2005     | Address of Applicant :No. 2, Shu Guang Road, Luo Yang Town, Bo |
| (33) Name of priority country                 | :China          | Luo, Hui Zhou, Guang Dong China                                |
| (86) International Application No             | :NA             | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :NA             | <b>1)Chong Mok Chuan</b>                                       |
| (87) International Publication No             | : NA            | <b>2)Guo Kang Xiong</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 liquid flexibag, which comprises a bag protected by inner layers of cushion and an external protective shell. The bag is equipped with an air vent and a load/discharge fitting for liquid. The liquid flexibag is flexible, foldable and stackable. When putting this bag into bulk container, the cost of bulk transportation for non-hazardous liquid can be effectively reduced, making "door-to-door" delivery possible, simplifying the liquid loading and discharging procedures, reducing the workload for loading, simplifying the loading procedures and expensive infrastructure is no more necessary; hence, it greatly reduce the capital cost. It also complies with environment protection requirement by eliminating the need to dispose temporary drums that may cause pollution to the environment.

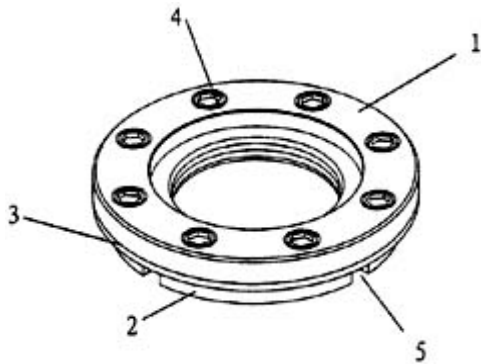


(54) Title of the invention : LOAD AND DISCHARGE FITTINGS

|                                               |                 |                                                                |
|-----------------------------------------------|-----------------|----------------------------------------------------------------|
| (51) International classification             | :E03C1/22       | (71) <b>Name of Applicant :</b>                                |
| (31) Priority Document No                     | :200520062754.6 | <b>1)Chung Min Linerbags (Hui Zhou) Ltd.</b>                   |
| (32) Priority Date                            | :10/08/2005     | Address of Applicant :No. 2, Shu Guang Road, Luo Yang Town, Bo |
| (33) Name of priority country                 | :China          | Luo, Hui Zhou, Guang Dong China                                |
| (86) International Application No             | :NA             | (72) <b>Name of Inventor :</b>                                 |
| Filing Date                                   | :NA             | <b>1)Chong Mok Chuan</b>                                       |
| (87) International Publication No             | : NA            | <b>2)Guo Kang Xiong</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 relate to a load/discharge fitting which includes a clamping ring and internally threaded ring. The internal diameter of the clamping ring is larger than the internal diameter of internally threaded ring. The clamping ring is fixed on top of the internally threaded ring. There is a gap between the bottom of the clamping ring and the top of the internally threaded ring. The fitting of the clamping ring and internally threaded ring provides a very tight seal. When using it with appropriate tools, loading and discharging of liquid can be easily done through this fitting. During the process of loading and discharging, the liquid will not be easily spilled.



(54) Title of the invention : PERFLUOROELASTOMER COMPOSITION AND PERFLUORO RUBBER MOLDED ARTICLE

|                                               |                                      |                                                                                                                                                            |
|-----------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C08L27/18;<br>C08J3/24;<br>C08K3/20 | (71) <b>Name of Applicant :</b><br><b>1)ASAHI GLASS COMPANY, LIMITED</b><br>Address of Applicant :12-I, YURAKUCHO 1-CHOME, CHIYODA-KU TOKYO 100-8405 Japan |
| (31) Priority Document No                     | :2005-<br>278961                     | (72) <b>Name of Inventor :</b>                                                                                                                             |
| (32) Priority Date                            | :26/09/2005                          | <b>1)FUNAKI HIROSHI</b>                                                                                                                                    |
| (33) Name of priority country                 | :Japan                               | <b>2)HONDA MAKOTO</b>                                                                                                                                      |
| (86) International Application No             | :NA                                  | <b>3)SAITO MASAYUKI</b>                                                                                                                                    |
| Filing Date                                   | :NA                                  | <b>4)KAMIYA HIROKI</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 :

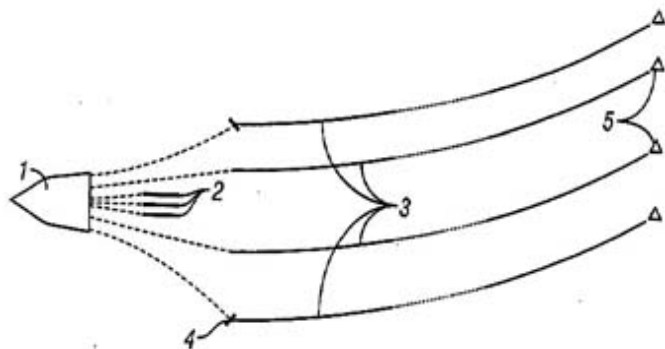
A perfluoroelastomer composition comprises a perfluoroelastomer (e.g., tetrafluoroethylene/perfluoro(methyl vinyl ether) copolymer), an organic peroxide (e.g., 2,5-dimethyl-2,5(tert-butylperoxy)hexane and a scorch retarder (e.g., o-phenylphenol), and the perfluoroelastomer composition is excellent in processability and unlikely to scorch. Furthermore, a perfluoro rubber molded article obtained by thermal crosslinking of the perfluoroelastomer composition is excellent in rubber physical properties such as tensile strength and elongation at break and in a compression set property.

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING POSITIONS OF TOWED MARINE SEISMIC STREAMERS

|                                               |                                       |                                                                                                                               |
|-----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G01S5/18;<br>G01S15/02;<br>G01S15/10 | (71) <b>Name of Applicant :</b><br><b>1)PGS GEOPHYSICAL AS</b><br>Address of Applicant :STRANDVEIEN 4, N-1366 LYSAKER, Norway |
| (31) Priority Document No                     | :11/256,390                           | (72) <b>Name of Inventor :</b>                                                                                                |
| (32) Priority Date                            | :21/10/2005                           | <b>1)FALKENBERG JON</b>                                                                                                       |
| (33) Name of priority country                 | :U.S.A.                               | <b>2)LUNDE NILS</b>                                                                                                           |
| (86) International Application No             | :NA                                   | <b>3)GUNNARSSON PER BIRGER</b>                                                                                                |
| Filing Date                                   | :NA                                   | <b>4)KROLING NILS GUNNAR OLOF</b>                                                                                             |
| (87) International Publication No             | : NA                                  | <b>5)TENGHAMN STIG RUNE LENNART</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 comprises a plurality of acoustic transmitters, mounted inside the streamers, adapted to transmit broadband signals having low cross-correlation between the signals of different transmitters; a plurality of acoustic receivers, mounted inside the streamers, adapted to receive the signals from the transmitters; at least one processor adapted to cross-correlate the signals received at the receivers with copies of transmitter signals to determine identities of the transmitters of the received signals and to determine travel times of the received signals; and a main processor adapted to convert the travel times to distances between the identified transmitters and the receivers and to determine relative positions of the streamers from the distances.

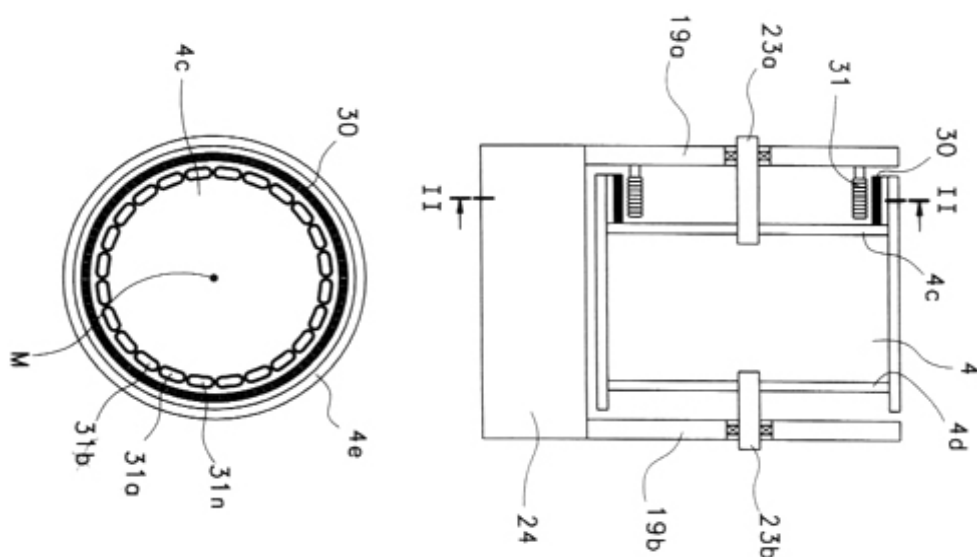


(54) Title of the invention : APPARATUS AT A SPINNING PREPARATION MACHINE, ESPECIALLY AT A CARDING MACHINE, CLEANER, DRAW FRAME, COMBING MACHINE OR THE LIKE, HAVING AT LEAST ONE ELECTRIC MOTOR-DRIVEN ROLLER

|                                               |                 |                                                                |
|-----------------------------------------------|-----------------|----------------------------------------------------------------|
| (51) International classification             | :D01G15/00      | (71)Name of Applicant :                                        |
| (31) Priority Document No                     | :102005048487.5 | <b>1)TRUTHZSCHLER GMBH &amp; CO. KG.</b>                       |
| (32) Priority Date                            | :07/10/2005     | Address of Applicant :Duvenstr. 82-92, D-41199 Monchengladbach |
| (33) Name of priority country                 | :Germany        | Germany                                                        |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                         |
| Filing Date                                   | :NA             | <b>1)FRITZ HOSEL</b>                                           |
| (87) International Publication No             | : NA            | <b>2)DIETER WIRTZ</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 apparatus at a spinning preparation machine, especially at a carding machine, cleaner, draw frame, combing machine or the like, having at least one electric motor-driven roller, which is rotatably mounted about its longitudinal axis, the roller is caused to rotate by means of forces of an electromagnetic field that act on at least one roller end-face. In order to achieve a substantially increased drive output and braking output and a high torque in a simple manner, an electromotive drive means is present having a rotor and a stator which are integrated into the roller and into an immobile machine element associated with the roller.

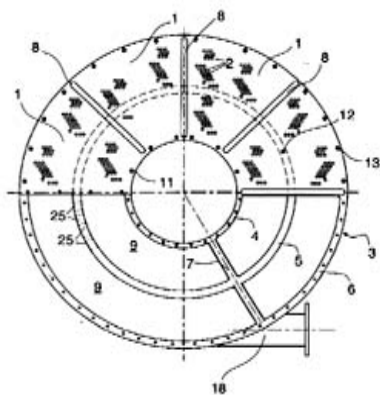


(54) Title of the invention : SCREENING DEVICE FOR WET SCREENING PAPER FIBRE SUSPENSIONS

|                                               |                        |                                                                     |
|-----------------------------------------------|------------------------|---------------------------------------------------------------------|
| (51) International classification             | :B07B1/20;<br>B07B1/18 | (71) <b>Name of Applicant :</b><br><b>1)VOITH PAPER PATENT GMBH</b> |
| (31) Priority Document No                     | :102005049943.0        | Address of Applicant :St.Poltener Str. 43, 89522 Heidenheim Germany |
| (32) Priority Date                            | :19/10/2005            | (72) <b>Name of Inventor :</b>                                      |
| (33) Name of priority country                 | :Germany               | <b>1)WOLFGANG MULLER</b>                                            |
| (86) International Application No             | :NA                    | <b>2)GERT GOTTSCHALK</b>                                            |
| Filing Date                                   | :NA                    | <b>3)RONALD REINHOLD</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 screening device serves for wet screening paper fibre suspensions (S) and contains at least one screen plate (1) provided with a plurality of screen openings (2), which plate is detachably fastened to an inner support ring (4) and to an outer support ring (6). According to the invention, the screen plate (1) is pressed with elastic pre-tension against a supporting element located radially therebetween, e.g. a middle support ring (5). This connection is of simple construction and readily detachable, e.g. in order to replace worn parts of the screening device.



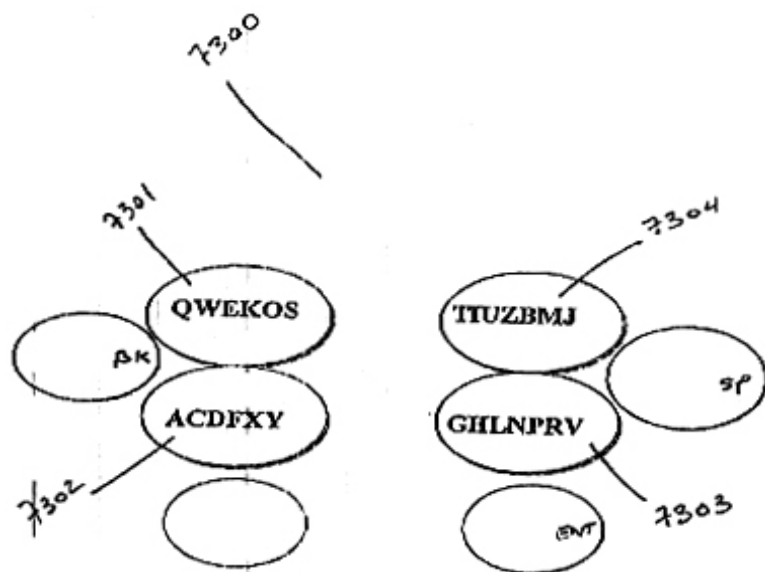
(54) Title of the invention : SYSTEM TO ENHANCE DATA ENTRY IN MOBILE AND FIXED ENVIRONMENT

(51) International classification :H03K 17/94  
 (31) Priority Document No :60/577,444  
 (32) Priority Date :04/06/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/019582  
 Filing Date :03/06/2005  
 (87) International Publication No :WO 2005/122401  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)GHASSABIAN, BENJAMIN, FIROOZ**  
 Address of Applicant :11 LOCUST COVE LANE, GREAT NECK, NY  
 11024 U.S.A .  
 (72)**Name of Inventor :**  
**1)GHASSABIAN, BENJAMIN, FIROOZ**

## (57) Abstract :

An electronic device includes a first means for entering characters coupled to the device for generating a first character input data. A second means for entering characters is also coupled to the device for generating a second character input data, where the second means for entering characters includes a system for monitoring a user's voice. A display displays the character thereon. A processor is coupled to the first and second means for entering characters configured to receive the first and second character input data such that the character displayed on the display corresponds to both the first and second character input data.





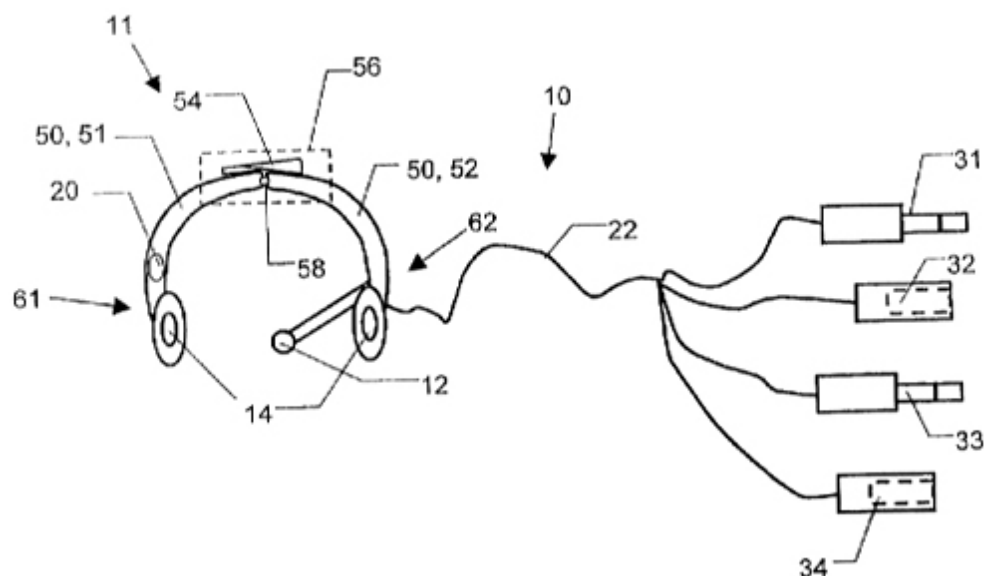
(54) Title of the invention : AN EAR-HEADPHONE UNIT AND A COMPUTER SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04R5/033         |
| (31) Priority Document No                     | :0401845-3         |
| (32) Priority Date                            | :12/07/2004        |
| (33) Name of priority country                 | :Sweden            |
| (86) International Application No             | :PCT/SE2005/000981 |
| Filing Date                                   | :21/06/2005        |
| (87) International Publication No             | :WO 2006/006910    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)**Name of Applicant :**  
**1)NIKLAS DANIELSON**  
 Address of Applicant :EDSANGSVAGEN 10A SE-192 54  
 SOLLENTUNA Sweden  
 (72)**Name of Inventor :**  
**1)NIKLAS DANIELSON**

## (57) Abstract :

The invention concerns a unit (10) comprising a headset (11) having a curved flexible support member (50) for holding the headset (11) onto a user's head. The support member (50) has a first (61) and a second (62) end portion which can be moved away from each other. The headset (11) has an ear-headphone part (14). The unit (10) has a switching member (20) with at least a first and a second switching state. In the first switching state, the unit (10) is connected for use such the said ear-headphone part (14) is active. The headset (11) has switching activating means (54) which are such that said first switching state is initiated by moving said first (61) and second (62) end portions away from each other. The invention also concerns a computer system comprising a unit (10) according to the above.

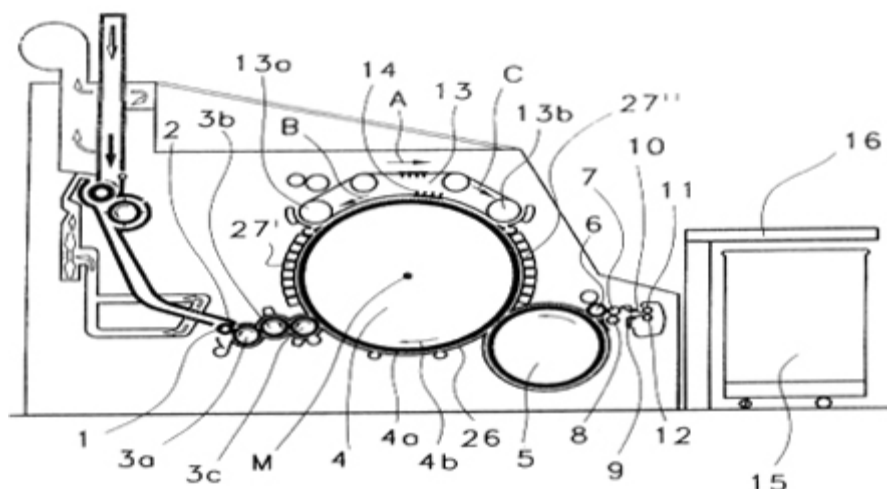


(54) Title of the invention : APPARATUS AT A SPINNING PREPARATION MACHINE, ESPECIALLY AT A FLAT CARD ,ROLLER CARD OR THE LIKE, FOR THE PURPOSE OF MONITORING.

|                                               |                 |                                               |
|-----------------------------------------------|-----------------|-----------------------------------------------|
| (51) International classification             | :D01B1/06       | (71)Name of Applicant :                       |
| (31) Priority Document No                     | :102005050904.5 | <b>1)TRUTZSCHLER GMBH &amp; CO.KG.</b>        |
| (32) Priority Date                            | :21/10/2005     | Address of Applicant :DUVENSTR.82-92, D-41199 |
| (33) Name of priority country                 | :Germany        | MONCHENGLADBACH GERMANY                       |
| (86) International Application No             | :NA             | (72)Name of Inventor :                        |
| Filing Date                                   | :NA             | <b>1)ACHIM BREUER</b>                         |
| (87) International Publication No             | : NA            | <b>2)CHRISTOPH FARBER</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 apparatus at a spinning preparation machine, especially a flat card, roller card or the like, for the purpose of monitoring, a clothed, rapidly rotating roller lies opposite to at least one clothed and/or non-clothed component, and the spacing between the components lying opposite to one another is changeable. To avoid contact between the components lying opposite to one another in a simple manner when those components draw near, in order to monitor the spacing between the components lying opposite to one another there is located opposite to the clothing of the roller, spaced therefrom, a sensor that is an integral component of an electric current line, wherein contact between clothing and sensor interrupts the circuit.

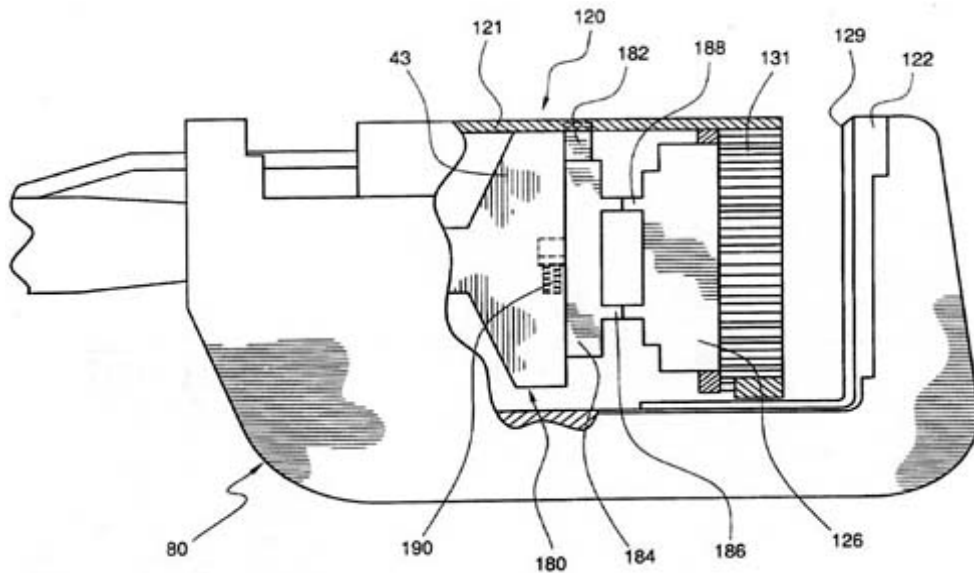


(54) Title of the invention : FIRED LOCKOUT FOR A CURVED CUTTER STAPLER WITH A FREE MOVING TRIGGER

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/206,298 | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |
| (32) Priority Date                            | :18/08/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                            |
| (86) International Application No             | :NA         | <b>1)Richard F. Schwemberger</b>                                  |
| Filing Date                                   | :NA         | <b>2)WILLIAM D. KELLY</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 linear surgical stapler adapted for applying a plurality of surgical fasteners to body tissue includes an anvil structure and a cartridge housing containing a plurality of surgical fasteners and a knife. The cartridge housing and anvil structure are relatively movable between a first spaced apart position and a second position in close approximation with one another. A firing mechanism is associated with the cartridge housing for ejecting the surgical fasteners from the cartridge housing to be driven against the anvil structure.. The firing mechanism includes a slide bar at its distal end adjacent the cartridge housing. A lockout mechanism interacts with the cartridge housing for selective activation and deactivation. The lockout mechanism includes a lock tab that interferes with the slide bar of the firing mechanism moving the slide bar rotationally such that tabs on the slide bar move out of alignment with tabs on the knife during firing of the linear surgical stapler to prevent subsequent firing of the linear surgical stapler.



(54) Title of the invention : A METHOD AND APPARATUS FOR ENDOSCOPICALLY PERFORMING GASTRIC REDUCTION SURGERY IN A SINGLE PASS

(51) International classification

:A61B17/12;  
A61B17/068

(31) Priority Document No

:11/206,297

(32) Priority Date

:18/08/2005

(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)ETHICON ENDO-SURGERY, INC**

Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A.

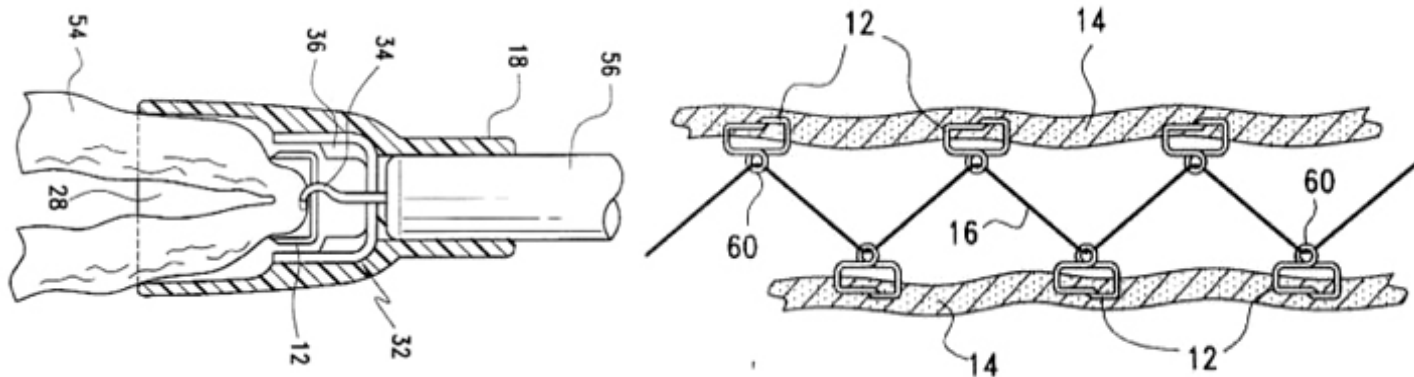
(72)Name of Inventor :

**1)Mark S. Ortiz**

**2)Michael J. Stokes**

(57) Abstract :

A gastric reduction apparatus provides for the secure attachment of multiple fasteners into the gastric wall, the fasteners being linked with a flexible member in a manner permitting the reduction of the effective size of an individual's stomach. The apparatus includes an applicator head including a proximal end and a distal end. The applicator head of the gastric reduction apparatus includes a cavity shaped and dimensioned for receiving tissue. A fastener attachment mechanism is positioned within the cavity for access to tissue that is pulled within the cavity and the fastener attachment mechanism includes a plurality of fasteners.

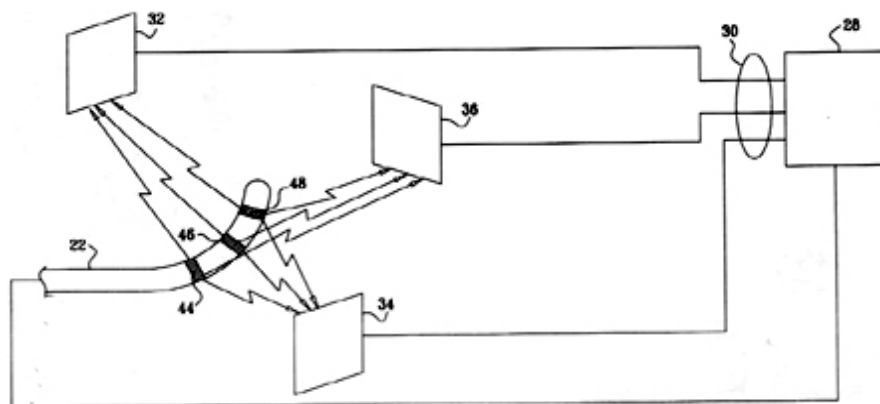


(54) Title of the invention : DETECTION OF SKIN IMPEDANCE

|                                               |                                     |                                                                                                                                                   |
|-----------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B5/06;<br>A61B5/04;<br>A61N1/32 | (71) <b>Name of Applicant :</b><br><b>1)Biosense Webster, Inc</b><br>Address of Applicant :3333 Diamond Canyon Road, Diamond Bar CA 91765, U.S.A. |
| (31) Priority Document No                     | :11/213,040                         | (72) <b>Name of Inventor :</b>                                                                                                                    |
| (32) Priority Date                            | :26/08/2005                         | <b>1)Michael Levin</b>                                                                                                                            |
| (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                                 |                                                                                                                                                   |

(57) Abstract :

Apparatus and methods are provided for determining in near real time the position of a probe placed within a living body. Electric currents are driven between one or more electrodes on the probe and electrodes placed on the body surface. The impedance between the probe and each of the body surface electrodes is measured, and three-dimensional position coordinates of the probe are determined based on the impedance measurements. Dynamic compensation is provided for changing impedance of the body surface and its interface with the electrodes, resulting from such causes as electrode peel-off and changes in moisture and temperature. The compensation improves the accuracy of, inter alia, medical procedures, such as mapping the heart or performing ablation to treat cardiac arrhythmias.



(54) Title of the invention : AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING.

(51) International classification

:A61L2/16;

A61L2/18;

A61L2/28

(31) Priority Document No

:11/212,955

(32) Priority Date

:26/08/2005

(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)ETHICON, INC**

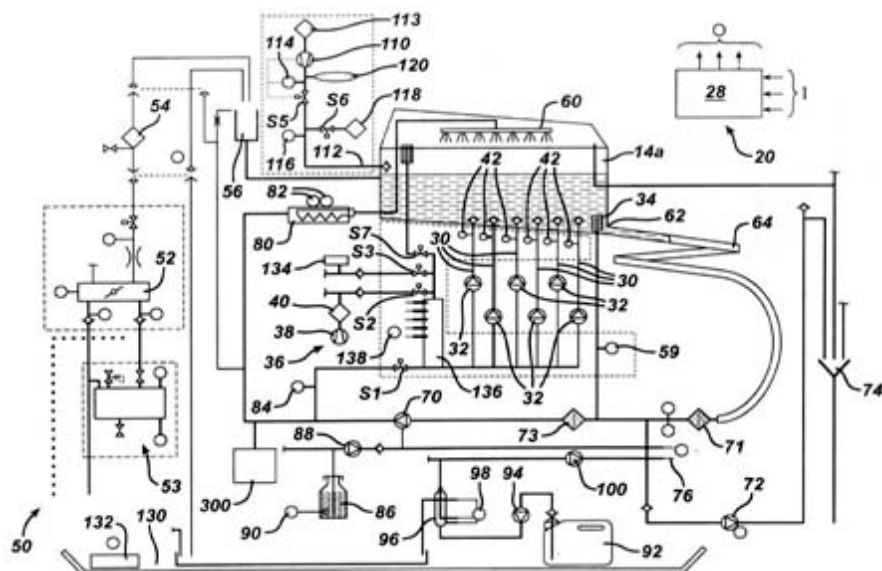
Address of Applicant :U.S. Route 22, Somerville, NJ 08876 U.S.A.

(72)Name of Inventor :

**1)Nick Ngoc Nguyen****2)Richard Jackson**

(57) Abstract :

A method measures a property of a solution spectroscopically by placing a quantity of the solution into a cuvette and passing a light therethrough. A reservoir receives a quantity of the solution and bubbles are driven off prior to putting a sample therefrom into the cuvette for measuring.

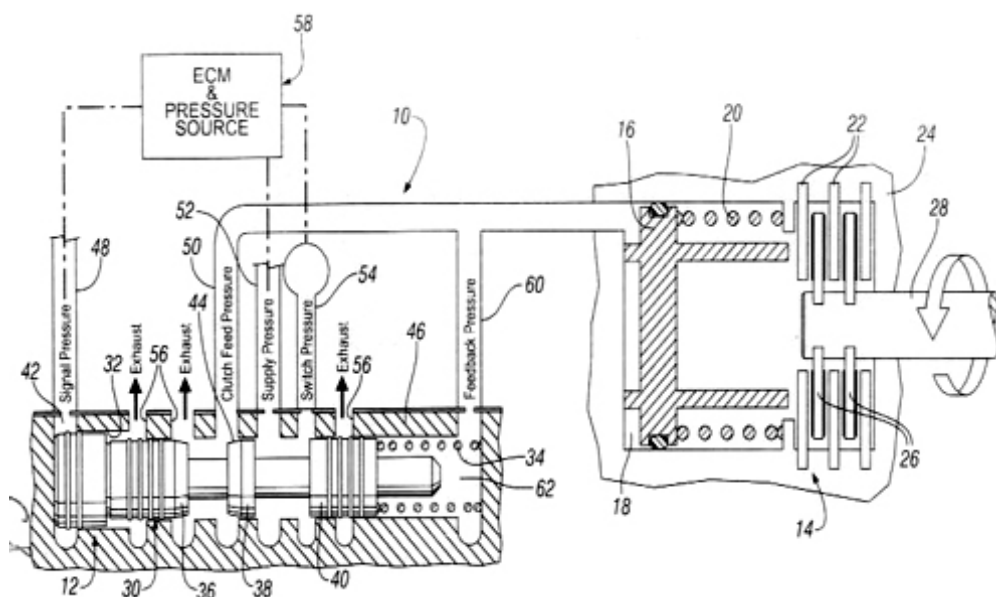


(54) Title of the invention : CLUTCH CONTROL REGULATOR VALVE WITH END OF FILL DETECTION

|                                               |                                          |                                                                                                                                                                               |
|-----------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F16D25/0638,<br>F16D25/06;<br>F16D25/00 | (71)Name of Applicant :<br><b>1)GENERAL MOTORS CORPORATION</b><br>Address of Applicant :Legal Staff Mail Code 482-C23-B21, P.O.Box<br>300 Detroit MI 48265-3000 U.S.A. U.S.A. |
| (31) Priority Document No                     | :11/218,372                              | (72)Name of Inventor :                                                                                                                                                        |
| (32) Priority Date                            | :02/09/2005                              | <b>1)JOEL H. GUNDERSON</b>                                                                                                                                                    |
| (33) Name of priority country                 | :U.S.A.                                  | <b>2)STEVEN P. MOORMAN</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 torque-transmitting regulating system employs a valve mechanism, which distributes fluid pressure from a pressure source to a torque-transmitting mechanism by control for the engagement and disengagement thereof. The valve mechanism has associated therewith a pressure sensor mechanism, which distributes a control signal to the electronic control module (ECM) to inform the ECM of the condition of operation of the torque-transmitting mechanism. A valve mechanism supplies a first pressure signal during disengagement of the torque-transmitting mechanism, a second pressure signal during the filling period of the torque-transmitting mechanism, and a third signal during the fully engaged condition of the torque-transmitting mechanism.

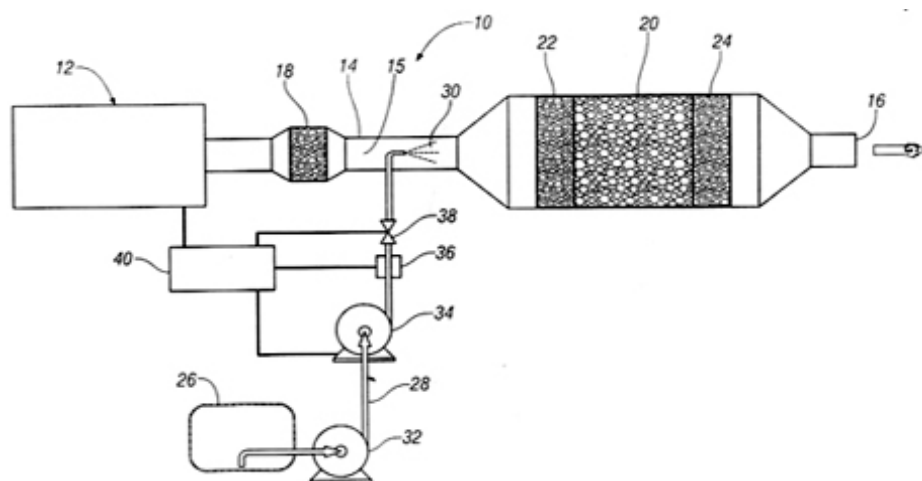


(54) Title of the invention : FLASH INJECTOR FOR NH<sub>3</sub>-SCR NO<sub>x</sub> AFTER TREATMENT

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :B01D53/56  | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/217,951 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                      |
| (32) Priority Date                            | :01/09/2005 | Address of Applicant :300 GM Renaissance Center Detroit,Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA         | <b>1)RAHUL MITAL</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 flash injection system for ammonia selective catalytic reduction after treatment of engine exhaust gases includes a tank for storing aqueous urea. An injection nozzle is disposed in an exhaust conduit of the engine, which conducts an exhaust stream from the engine. A fluid line conducts the aqueous urea between the tank and the nozzle. A pump is coupled with the fluid line for pressurizing the aqueous urea. A heater is also coupled with the fluid line for heating the aqueous urea that is pressurized by the pump. A valve is operatively connected to the fluid line for controlling injection of aqueous urea through the nozzle into the exhaust stream. Injecting heated, pressurized aqueous urea into the exhaust stream causes the aqueous urea to is operative to convert NO<sub>x</sub> gases produced by diesel internal combustion engines into nitrogen.



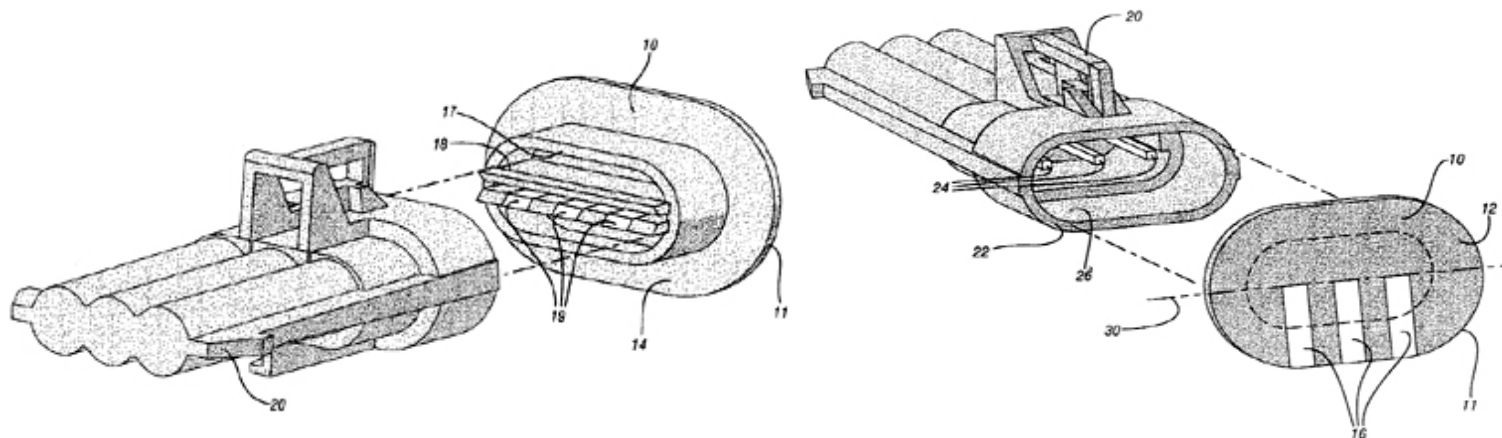


## (54) Title of the invention : COVER DEVICE AND METHOD FOR ELECTRICAL CONNECTOR

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :H01R13/44; | (71) <b>Name of Applicant :</b>                                   |
| (31) Priority Document No                     | :11/218,247 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                       |
| (32) Priority Date                            | :01/09/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                    |
| Filing Date                                   | :NA         | <b>1)CARL E.FONVILLE</b>                                          |
| (87) International Publication No             | : NA        | <b>2)RONALD C. HAWKINS</b>                                        |
| (61) Patent of Addition to Application Number | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

## (57) Abstract :

A detachable device for covering an end of an electrical connector, comprising a non-conductive cover, sealingly attachable, and completely covering the mating end of the connector. An external end of the cover is generally planar with electrically conductive pads corresponding to the conductive terminals of the connector, and electrically connecting the pads to the terminals. The electrically conductive pads are arranged in a pattern, oriented to provide a single line-of-sight for machine recognition.

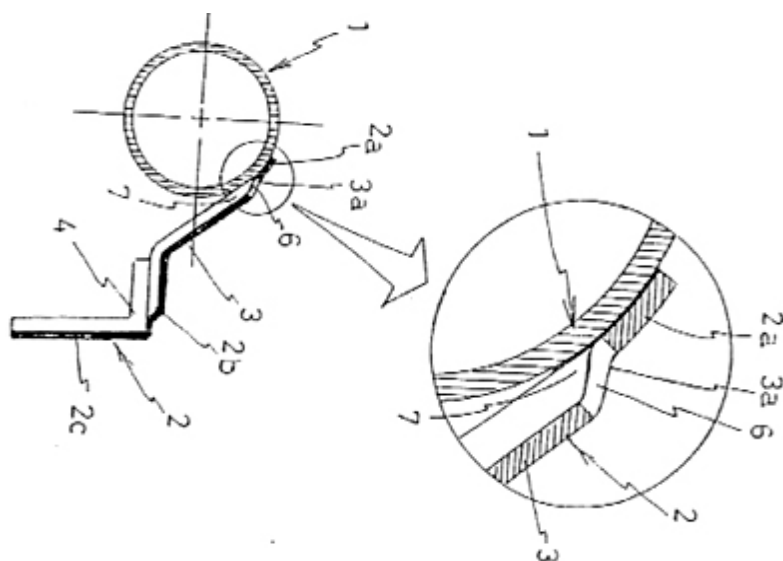


(54) Title of the invention : "COMPONENT PROVIDED WITH BRACKET"

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :B23K 1/00         | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :2004-201346       | <b>1)SANOH INDUSTRIAL CO.,LTD</b>                         |
| (32) Priority Date                            | :08/07/2004        | Address of Applicant :4-2-27,HONCHO KOGA-SHI,IBARAKI 306- |
| (33) Name of priority country                 | :Japan             | 0023 Japan                                                |
| (86) International Application No             | :PCT/JP2005/010638 | (72)Name of Inventor :                                    |
| Filing Date                                   | :03/06/2005        | <b>1)MATSUNAGA,HIDEAKI</b>                                |
| (87) International Publication No             | :WO 2006/006329    |                                                           |
| (61) Patent of Addition to Application Number | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |
| (62) Divisional to Application Number         | :NA                |                                                           |
| Filing Date                                   | :NA                |                                                           |

(57) Abstract :

It is an object to provide a component provided with a bracket, in which soldering deficiencies seldom occur when soldering a bracket that has a bead to the component body, and moreover, in which plating liquid does not remain when plating is carried out. And in order to achieve this object, in a component provided with a bracket in which a bracket 2 having a bead 3 formed thereon is joined [to the component body 1] such that an end portion 3a of the bead 3 faces the component body 1, a hole 6 is provided penetrating the end portion 3a of the bead 3, and a cavity portion 7 defined by the bracket 2 and the component body 1 is made open to outside through the hole 6.

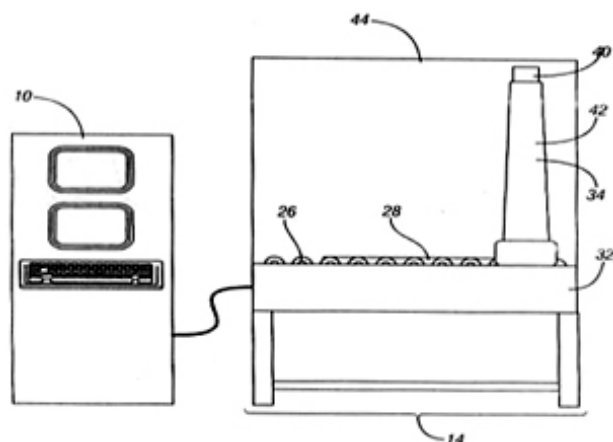


(54) Title of the invention : SYSTEM AND METHOD FOR EVALUATING A MACHINED SURFACE OF A CAST METAL COMPONENT

|                                               |                                     |                                                                                                                                                                          |
|-----------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04N9/47;<br>H04N7/18;<br>H04N9/44 | (71) <b>Name of Applicant :</b><br><b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b><br>Address of Applicant :300 GM Renaissance Center Detroit, Michigan<br>48265-3000 U.S.A. |
| (31) Priority Document No                     | :11/219,043                         | (72) <b>Name of Inventor :</b>                                                                                                                                           |
| (32) Priority Date                            | :02/09/2005                         | <b>1)MICHAEL E. SWANGER</b>                                                                                                                                              |
| (33) Name of priority country                 | :U.S.A.                             | <b>2)JOHN S. AGAPIOU</b>                                                                                                                                                 |
| (86) International Application No             | :NA                                 | <b>3)ROBERT J. HOGARTH</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 and system are provided for non-contact evaluation of a machined surface of a cast-metal part, including a vision-based porosity inspection station. A digital image of the machined surface is acquired, oriented and scaled to an XY coordinate system, filtered, and inverted. A second image is generated with known design surface features eliminated. Each pixel of the inverted digital image is XOR-compared with a corresponding pixel of the second image. Identified common surface features common to both images is analyzed statistically for conformance to a threshold. A defect is identified as any identified surface feature common to both images which exceeds the threshold. The system moves the part for further processing if a statistical analysis of defects indicates an acceptable component, and alternatively, removes the part from further processing if the analysis indicates a flawed component.



(54) Title of the invention : ONE MODE INPUT-SPLIT ELECTRO -MECHANICAL TRANSMISSION WITH TWO FIXED SPEED RATIOS

|                                               |             |
|-----------------------------------------------|-------------|
| (51) International classification             | :F16H3/72   |
| (31) Priority Document No                     | :11/232,705 |
| (32) Priority Date                            | :22/09/2005 |
| (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         |

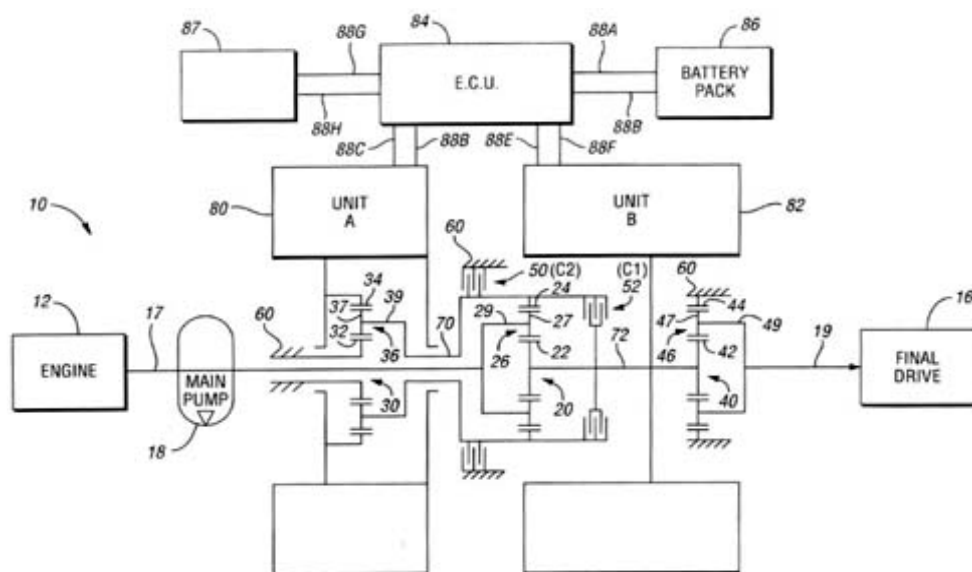
(71)**Name of Applicant :**  
**1)GENERAL MOTORS CORPORATION**  
 Address of Applicant :Mail Code 482-C23-B21, P.O.Box 300 Detroit  
 MI 48265-3000 U.S.A.

(72)**Name of Inventor :**  
**1)MICHAEL S. SCHMIDT**

---

(57) Abstract :

A one-mode, input-split electrically variable transmission is provided with two motor/generators and a torque-transmitting mechanism that is operatively connected to a second member of a first differential gear set and selectively engageable to connect the second member of the first differential gear set with the stationary member, thereby establishing a fixed speed ratio between the input member and the output member of the transmission. Preferably, another torque-transmitting mechanism is also provided to lock any two members of the differential gear set to one another, thereby establishing a second fixed speed ratio between the input member and the output member.

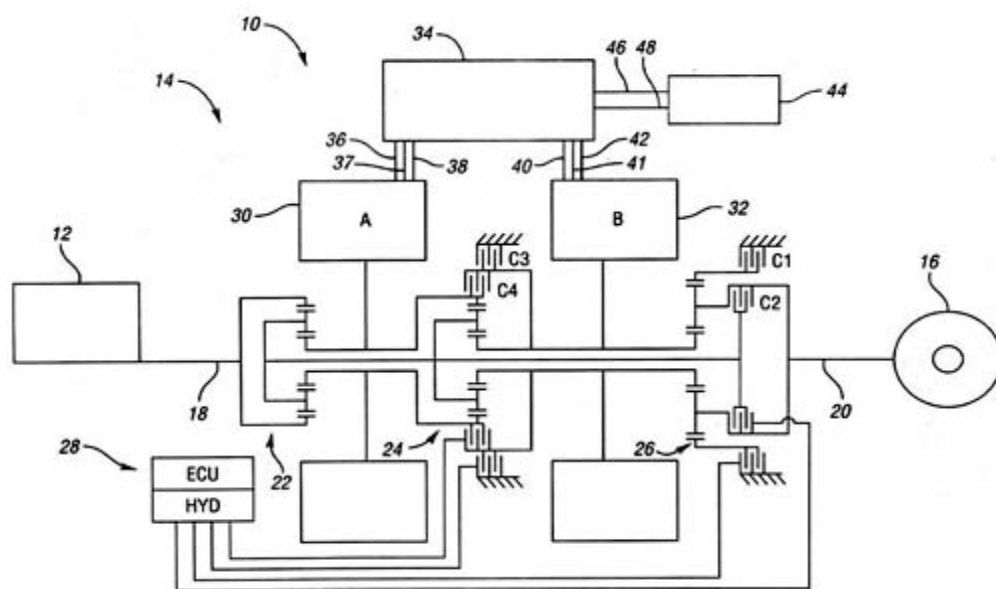


(54) Title of the invention : MULTIPLEXED TRIM VALVE SYSTEM FOR AN ELECTRICALLY VARIABLE HYBRID TRANSMISSION.

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :F16H3/72   | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :11/218,048 | <b>1)GENERAL MOTORS CORPORATION</b>                                |
| (32) Priority Date                            | :01/09/2005 | Address of Applicant :Legal Staff Mail Code 482-C23-B21, P.O. Box- |
| (33) Name of priority country                 | :U.S.A.     | 300 Detroit MI 48265-3000 U.S.A.                                   |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA         | <b>1)CHARLES F. LONG</b>                                           |
| (87) International Publication No             | : NA        | <b>2)Michael D. Foster</b>                                         |
| (61) Patent of Addition to Application Number | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |
| (62) Divisional to Application Number         | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |

## (57) Abstract :

A power train has an electrically variable hybrid transmission having an electro-hydraulic control system, plurality of electrical power units, and a plurality of torque transmitting mechanisms selectively engageable by the electro-hydraulic control system to provide four forward speed ranges, a neutral condition, an electric low speed mode, an electrically variable low and high speed mode, and two electrical power off drive home modes. The electro-hydraulic control system of the present invention has a multiplexed trim system for an electrically variable hybrid transmission. The multiplexed trim system allows engagement control of four torque transmitting mechanism and individual control of fluid flow to effect cooling of two motor/generators by multiplexing three trim valves with two logic valves.

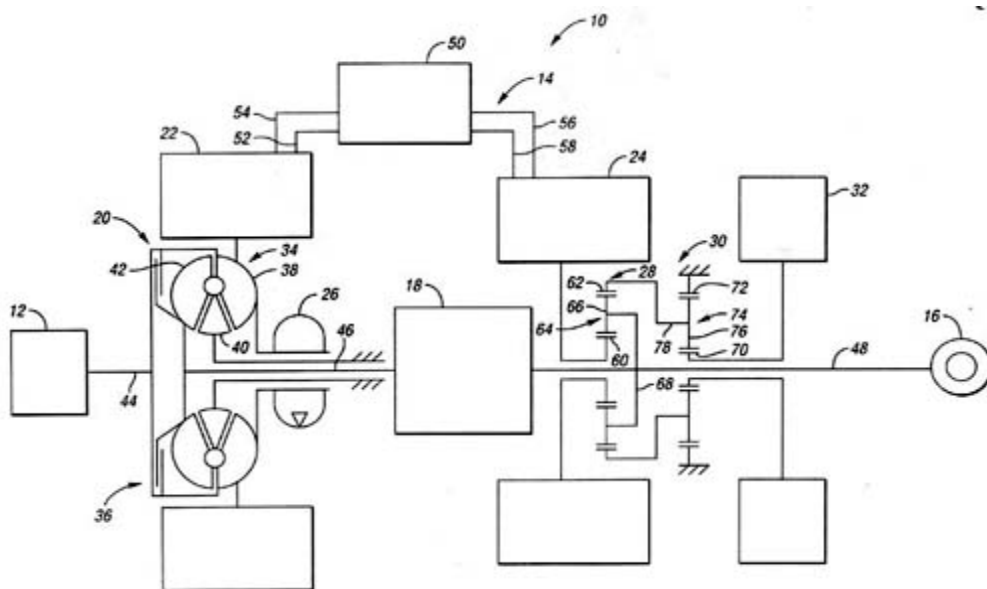


(54) Title of the invention : ELECTRICALLY VARIABLE HYBRID TRANSMISSION AND POWERTRAIN.

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :F16H3/72   | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/218,049 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                       |
| (32) Priority Date                            | :01/09/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)MICHAEL R. SCHMIDT</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 :

Provided for a vehicle is an electrically variable hybrid transmission and powertrain utilizing a flywheel for energy storage. The flywheel is connected to an output shaft of the transmission and a first electric power unit through two planetary gear sets. Also provided is a second electrical power unit selectively coupled to an input shaft of the transmission and continuously coupled to an output shaft of a mechanical power source. The transmission, first and second electrical power units, flywheel, and mechanical power source cooperate to provide a continuously variable rotational speed to a final drive to propel the hybrid powertrain equipped vehicle.

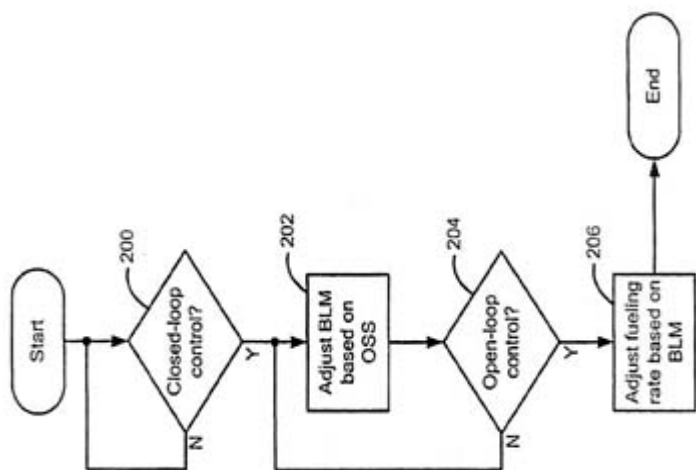


(54) Title of the invention : CLOSED LOOP A/F RATIO CONTROL FOR DIESEL ENGINES USING AN OXYGEN SENSOR

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :F02D41/14  | (71) <b>Name of Applicant :</b>                                   |
| (31) Priority Document No                     | :11/219,412 | <b>1)GM GLOBAL TECHNOLOGY OPEARATION INC</b>                      |
| (32) Priority Date                            | :02/09/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                    |
| Filing Date                                   | :NA         | <b>1)VICTORIANO RUIZ</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 fuel control system for a diesel engine includes a first module that calculates a block learn multiplier (BLM) based on a feedback signal during a closed-loop fuel control period. A second module adjusts a base fueling rate of the diesel engine based on the BLM during an open-loop fuel control period.



(54) Title of the invention : METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2-DEPENDENT COMPLEMENT ACTIVATION

(51) International classification :A01K67/027;  
A61K39/395  
(31) Priority Document No :60/578,847  
(32) Priority Date :10/06/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/020647  
Filing Date :09/06/2005  
(87) International Publication No :WO 2005/123128  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)OMEROS CORPORATION**

Address of Applicant :1420 FIFTH AVENUE,SUITE 2600,SEATTLE  
WA 98101 U.S.A.

**2)UNIVERSITY OF LEICESTER**

(72)Name of Inventor :

**1)SCHWAEBLE,HANS-WILHEIM**

**2)STOVER,CORDULA,M.**

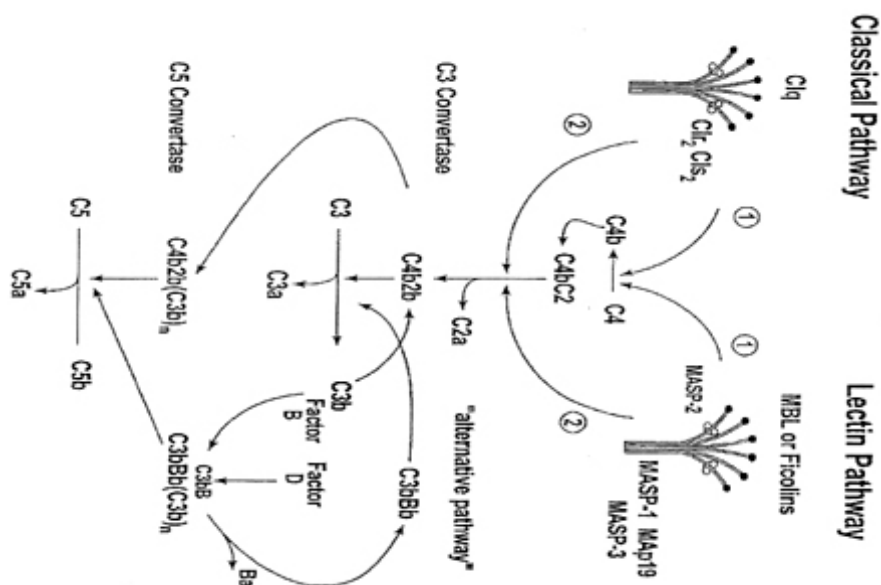
**3)TEDFORD,CLARK,E**

**4)PARENT,JAMES,B**

**5)FUJITA,TEIZO**

(57) Abstract :

In one aspect, the invention provides methods of inhibiting the effects of MASP-2-dependent complement activation in a living subject The methods comprise the step of administering, to a subject in need thereof, an amount of a MASP-2 inhibitory agent effective to inhibit MASP-2-dependent complement activation. In some embodiments, the MASP-2 inhibitory agent inhibits cellular injury associated with MASP-2-mediated alternative complement pathway activation, while leaving the classical (C 1 q-dependent) pathway component of the immune system intact. In another aspect, the invention provides compositions for inhibiting the effects of lectin-dependent complement activation, comprising a therapeutically effective amount of a MASp-2 inhibitory agent and a pharmaceutically acceptable carrier.



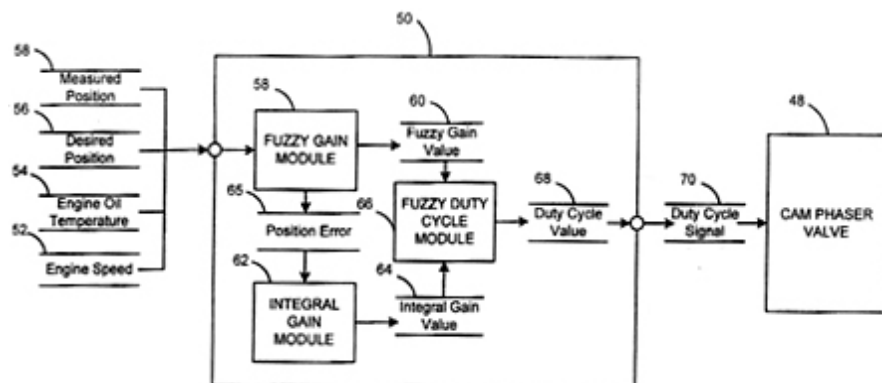


(54) Title of the invention : FUZZY LOGIC BASED CAM PHASER CONTROL

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :F01L1/34;  | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/218,850 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC.</b>                      |
| (32) Priority Date                            | :02/09/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)JERRY WILLIAM KORTGE</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 controlling a valve of a cam phaser of an internal combustion engine includes determining a delta duty cycle from a position error and a rate of change of error (error dot). A fuzzy gain value is calculated from the delta duty cycle and a correction term. A duty cycle is calculated from an integral gain value and the fuzzy gain value. The duty cycle is then used to control the valve of the cam phaser.

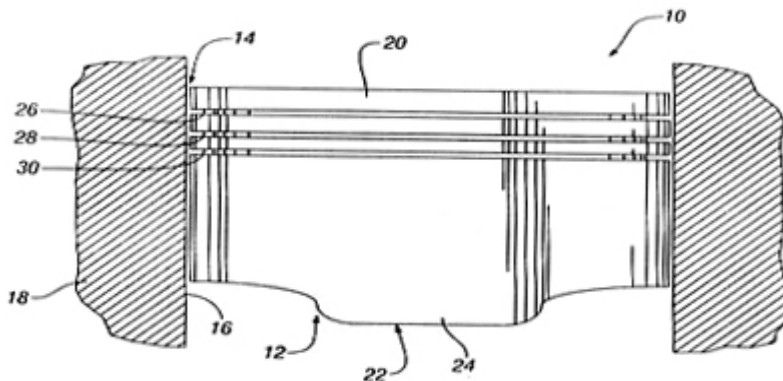


(54) Title of the invention : SCUFF RESISTANT ALUMINUM PISTON AND ALUMINIUM CYLINDER BORE COMBINATION AND METHOD OF MAKING

|                                               |                 |                                                                         |
|-----------------------------------------------|-----------------|-------------------------------------------------------------------------|
| (51) International classification             | :F 02 F<br>3/00 | (71)Name of Applicant :<br><b>1)GM GLOBAL TECHNOLOGY OPERATION INC.</b> |
| (31) Priority Document No                     | :11/218,050     | Address of Applicant :300 GM Renaissance Center Detroit,Michigan        |
| (32) Priority Date                            | :01/09/2005     | 48265-3000 U.S.A.                                                       |
| (33) Name of priority country                 | :U.S.A.         | (72)Name of Inventor :                                                  |
| (86) International Application No             | :NA             | <b>1)YUCONG WANG</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 piston and cylinder assembly for an engine is disclosed. The assembly includes a piston including an aluminum alloy piston body having a crown and a skirt extending from the crown. The skirt has an exterior surface having a surface finish in a wave form with peaks and valleys, and having a roughness total between approximately 6 and 12 micrometers, the roughness total (Rt) being defined as the difference between the highest peak and lowest valley within an assessment length. The surface finish has an approximate peak-to-peak distance between 0.17 and 0.25 millimeters within the assessment length. The exterior surface is coated with a nickel ceramic composite coating. An aluminum alloy cylinder bore is disposed in an engine block and is configured to receive the piston body. The cylinder bore has a bore surface having a roughness average (Ra) between approximately 0.09 and 0.25 micrometers. The cylinder bore may be made of a eutectic Al-Si alloy including other alloying elements.



(54) Title of the invention : HIGH TEMPERATURE ALUMINIUM ALLOY

(51) International classification

:C 22 C

21/08

(31) Priority Document No

:1371/05

(32) Priority Date

:22/08/2005

(33) Name of priority country

:Switzerland

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

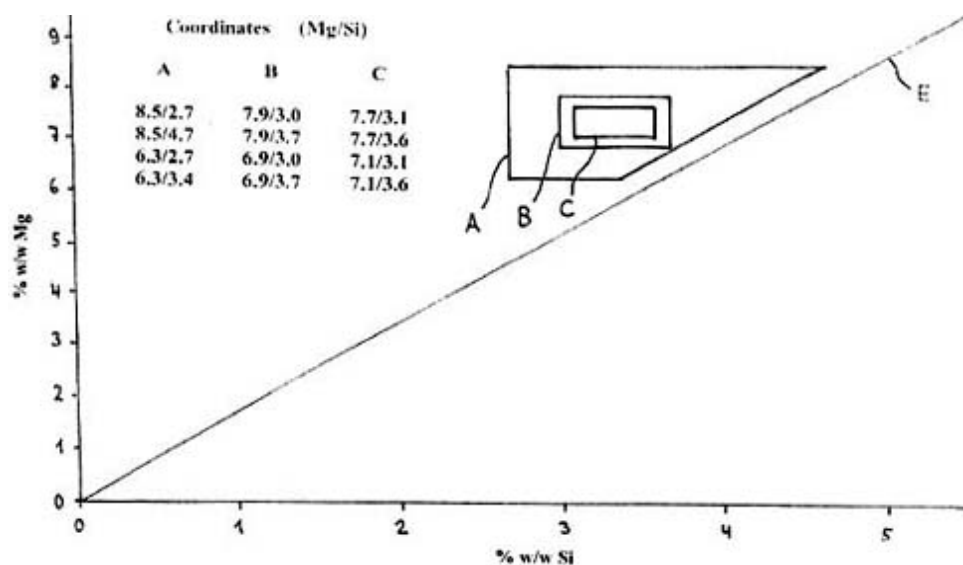
**1)ALUMINIUM RHEINFELDEN GMBH**Address of Applicant :Friedrichstrasse 80,79618 Reinfelden Germany  
Germany

(72)Name of Inventor :

**1)RUDIGER FRANKE**

(57) Abstract :

In an aluminium alloy of type AlMgSi with good creep strength at elevated temperatures for the production of castings subject to high thermal and mechanical stresses the contents of the alloying elements magnesium and silicon in % w/w in a Cartesian coordinate system are limited by a polygon A with the coordinates [Mg; Si] [8.5; 2.7] [8.5; 4.7] [6.3; 2.7] [6.3; 3.4] and that the alloy also contains 0.1 to- 1% w/w manganese max. 1% w/w iron max. 3% w/w copper max. 2% w/w nickel max. 0.5% w/w chromium max. 0.6% w/w cobalt max. 0.2% w/w zinc max. 0.2% w/w titanium max. 0.5% w/w zirconium max. 0.008% w/w beryllium max. 0.5% w/w vanadium as well as aluminium remainder rest with further elements and manufacturing-related impurities of individually max. 0.05% w/w and max. 0.2% w/w in total. The alloy is suitable in particular for the production of cylinder crankcases by the pressure die casting method.



(54) Title of the invention : "APPARATUS FOR CLAMPING WORK PIECES"

(51) International classification

:B 23 B  
31/02

(31) Priority Document No

:01536/05

(32) Priority Date

:21/09/2005

(33) Name of priority country

:Switzerland

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)F-TOOL INTERNATIONAL AG**

Address of Applicant :OBERDORFSTRASSE 6,CH-5040

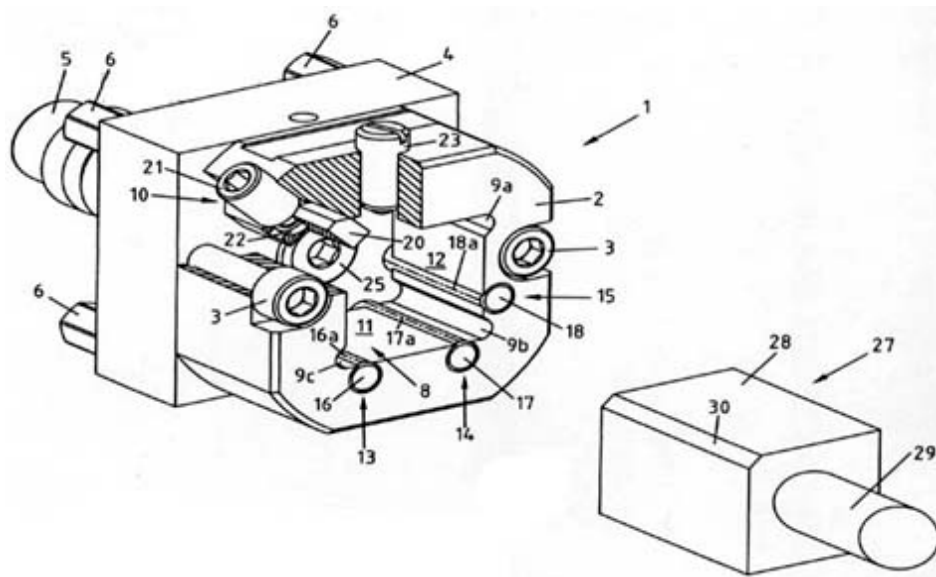
SCHOEFTLAND SWITZERLAND

(72)Name of Inventor :

**1)TROXLER FERDINAND**

(57) Abstract :

The clamping apparatus provides for a positionally accurate clamping of a work piece having at least one shaft with a polygonal cross section. To this end, the clamping apparatus is provided with a clamping body member, having a clamping chamber with polygonal cross section adapted to receive the shaft of the work piece. The clamping body member is provided with clamping means to clampingly fix the shaft to the clamping body member, and with reference surfaces for determining the position of the work piece in X- and Y-directions. The reference surfaces are constituted by stop pin members inserted into bores provided in the clamping body member, whereby the stop pin members are made of a material that is harder than the material of the clamping body member. The stop pin members are of cylindrical shape, whereby the bores receiving the stop pin members open into the clamping chambers such that a small portion of each stop pin member protrudes into the interior of the clamping chamber.



(54) Title of the invention : ACTIVE CLEARANCE CONTROL SYSTEM FOR GAS TURBINE ENGINES

(51) International classification

:F

01D11/08

(31) Priority Document No

:11/251,374

(32) Priority Date

:14/10/2005

(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 :

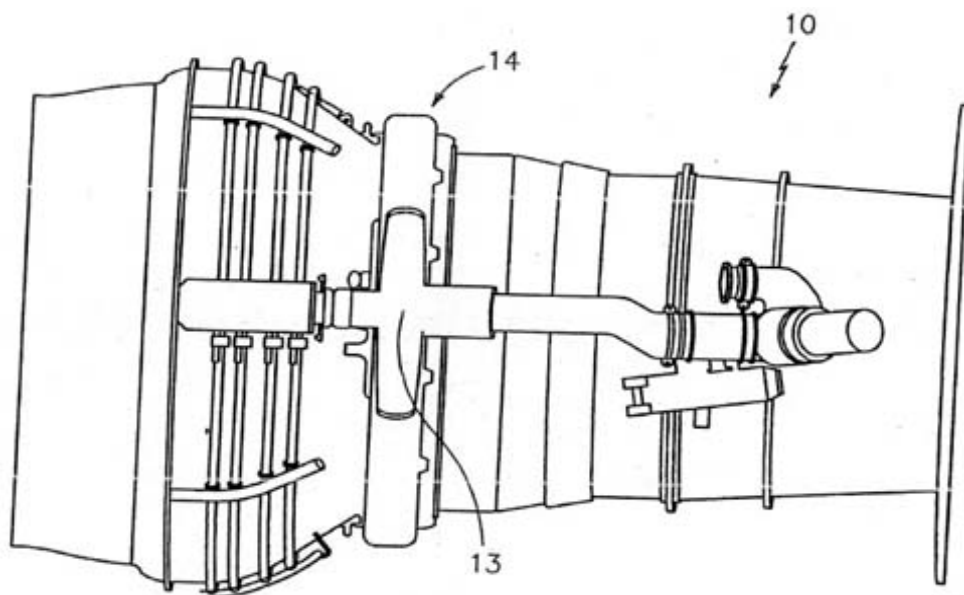
**1)UNITED TECHNOLOGIES CORPORATION**Address of Applicant :UNITED TECHNOLOGIES BUILDING,  
HARTFORD CONNECTICUT 06101 U.S.A.

(72)Name of Inventor :

**1)PEZZETTI, JR., MICHAEL C.****2)KANE, DANIEL E.****3)PEASE, CRAIG B****4)REINARD, JR., JOHN T**

(57) Abstract :

A gas turbine engine generally includes a compressor, a combustor, and a turbine. The turbine can include an integrated manifold comprising a plenum defined by a manifold disposed in connection with a divider plate and opposite a shielding plate comprising a plurality of apertures. The integrated manifold also includes a means for integrally mounting the manifold to the turbine. During operation of the gas turbine engine, a quantity of working fluid enters the integrated manifold and circulates throughout the plenum and shielding plate, and enters the turbine through the apertures to actively control clearances between turbine engine components.



(54) Title of the invention : CARTRIDGE FOR CLEANING COMPRESSED AIR IN COMPRESSED AIR SUPPLY SYSTEMS OF MOTOR VEHICLES

(51) International classification

:B 01 D  
46/00

(31) Priority Document No

:10 2005  
039 059.5

(32) Priority Date

:18/08/2005

(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)Haldex Brake Products GmbH.**

Address of Applicant :Mittelgewannweg 27,69123 Heidelberg Germany

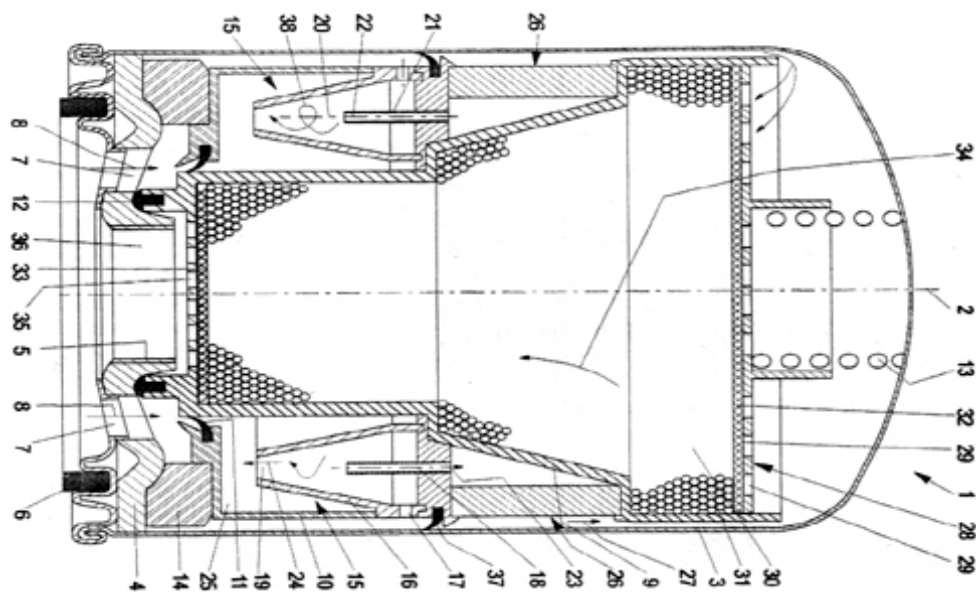
(72)Name of Inventor :

**1)Dean DUBINJI**

**2)Michale BERDESINSIK**

(57) Abstract :

A cartridge for cleaning compressed air in compressed air supply systems of motor vehicles includes a housing (3), a treatment means and/or a filter means and a cyclone (15). The treatment means and/or the filter means is arranged in the housing (3). The cyclone (15) is arranged in the housing (3), and it includes an inlet (17) for polluted compressed air, the inlet (17) being arranged at a tangential orientation, a first outlet (18) for cleaned compressed air, the first outlet (18) being located at a central location, and a second outlet (19) for solid and/or liquid impurities contained in the compressed air.

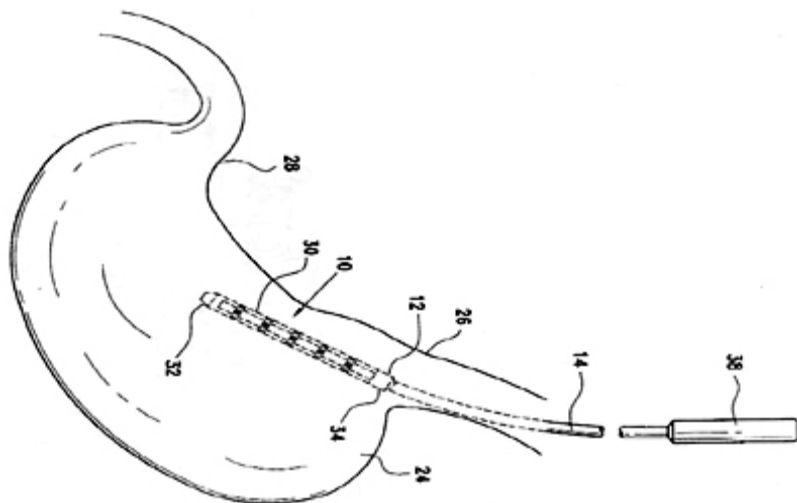


(54) Title of the invention : METHOD AND APPARATUS FOR ENDOSCOPICALLY PERFORMING GASTRIC REDUCTION SURGERY IN A SINGLE STEP

|                                               |                  |                                                                  |
|-----------------------------------------------|------------------|------------------------------------------------------------------|
| (51) International classification             | :A 61 B<br>17/12 | (71)Name of Applicant :<br><b>1)ETHICON ENDO-SURGERY,INC</b>     |
| (31) Priority Document No                     | :11/217,672      | Address of Applicant :4545,Creek Road Cincinnati,OH 45242 U.S.A. |
| (32) Priority Date                            | :02/09/2005      | (72)Name of Inventor :                                           |
| (33) Name of priority country                 | :U.S.A.          | <b>1)MARK S.ORTIZ</b>                                            |
| (86) International Application No             | :NA              | <b>2)Michael J. Stokes</b>                                       |
| Filing Date                                   | :NA              | <b>3)William J. Kraimer</b>                                      |
| (87) International Publication No             | : NA             | <b>4)David B. Griffith</b>                                       |
| (61) Patent of Addition to Application Number | :NA              |                                                                  |
| Filing Date                                   | :NA              |                                                                  |
| (62) Divisional to Application Number         | :NA              |                                                                  |
| Filing Date                                   | :NA              |                                                                  |

(57) Abstract :

An endoscopic gastric reduction apparatus adapted for applying a series of pledgets to anterior and posterior gastric walls for the creation of a mattress stitch suture within the stomach includes an applier having a distal end and a proximal end. The applier is secured at a distal end of a support shaft shaped and dimensioned for passage down the esophagus and into the stomach. The applier includes an applier body having a suction slot shaped and dimensioned for receiving tissue therein for the application of at least one pledget housed within the suction slot for selective coupling with tissue suctioned within the suction slot.

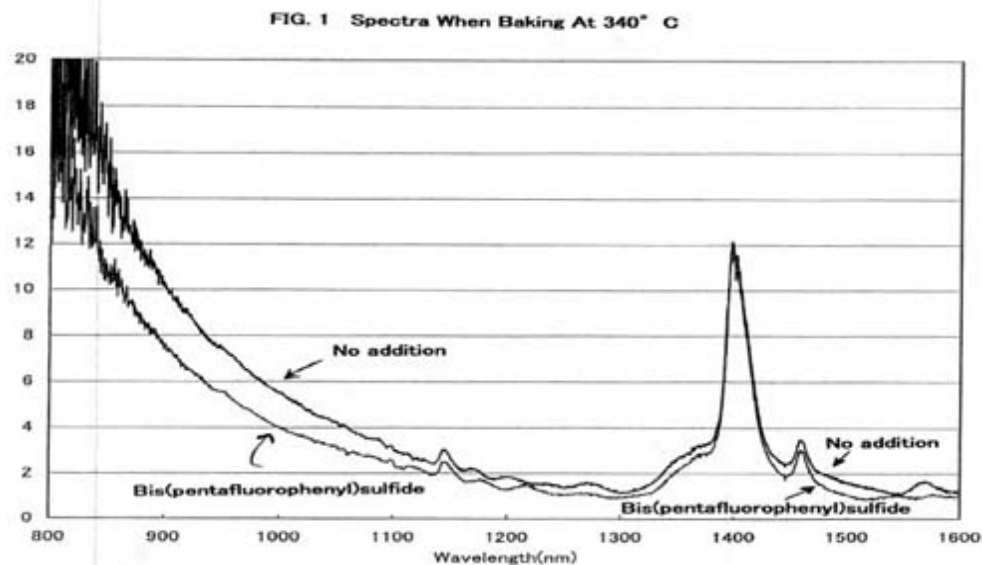


(54) Title of the invention : FLUORINATED POLYAMIDE ACID RESIN COMPOSITION FOR OPTICAL MATERIALS

|                                               |                                                                                                                                           |                                                                                                                                                                                                                          |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C 08 L<br>79/08; C 08<br>K 5/00; G<br>02 B 6/12<br>:JP2005-<br>240467<br>:22/08/2005<br>:Japan<br>:NA<br>:NA<br>:NA<br>:NA<br>:NA<br>:NA | (71)Name of Applicant :<br><b>1)NIPPON SHOKUBAI CO.,LTD.</b><br>Address of Applicant :1-1,KORAIBASHI 4-CHOME, CHUO-KU,OSAKASHI, OSAKA Japan<br>(72)Name of Inventor :<br><b>1)MAKINO TOMONMI</b><br><b>2)TAJIRI KOZO</b> |
| (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                                   |                                                                                                                                           |                                                                                                                                                                                                                          |

(57) Abstract :

A fluorinated polyamide acid resin composition for optical materials containing a fluorinated polyamide acid and a non-polycondensable compound (A) with an aromatic ring having a boiling point of 340°C or lower, the resin composition being used for obtaining a fluorinated polyamide membrane by a baking process. This fluorinated polyamide acid resin composition for optical materials contains a non-polycondensable compound (A) which was found to reduce a light absorption at 1.49  $\mu\text{m}$  and a light absorption at 1.35  $\mu\text{m}$  and extending to visible light, even if the temperature is 340°C or lower.



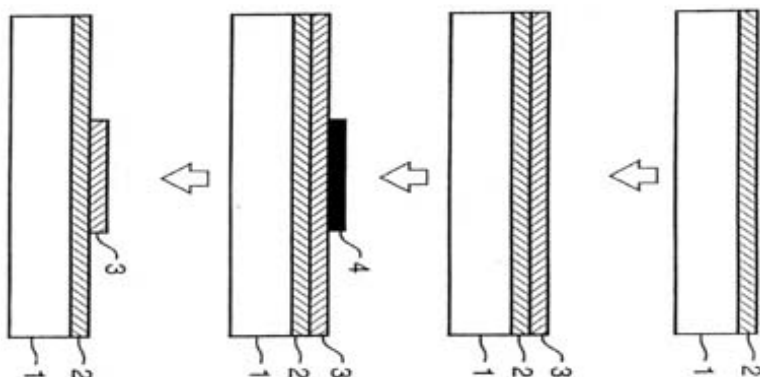


(54) Title of the invention : HALOGENATED POLYAMIDE ACID COMPOSITION AND ITS APPLICATIONS

|                                               |                                  |                                                                                                                                              |
|-----------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C 08 L<br>79/08; C 08<br>K 3/22 | (71)Name of Applicant :<br><b>1)NIPPON SHOKUBAI CO., LTD.</b><br>Address of Applicant :1-1,KORAIBASHI 4-CHOME,CHUO-KU,OSAKA-SHI, OSAKA Japan |
| (31) Priority Document No                     | :JP2005-<br>240334               | (72)Name of Inventor :                                                                                                                       |
| (32) Priority Date                            | :22/08/2005                      | <b>1)MAKINO TOMOMI</b>                                                                                                                       |
| (33) Name of priority country                 | :Japan                           | <b>2)TAJIRI KOZO</b>                                                                                                                         |
| (86) International Application No             | :NA                              | <b>3)GOTO SHINICHI</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 halogenated polyamide acid composition containing a halogenated polyamide acid, a metal oxide precursor, a catalyst of reaction of generating a metal oxide from the precursor, and/or a coupling agent having a reactive group. A halogenated polyimide film is obtained by, for example, carrying out the heat treatment of the halogenated polyamide acid composition. The halogenated polyimide film has a refractive index at wavelength of, for example, 1,550 nm of 1.520 or lower. Further, an optical waveguide uses the halogenated polyimide film as at least one of a core layer and a clad layer, and a relative refractive index difference between the core layer and the clad layer of the optical waveguide is, for example, 0.6 or greater. An optical waveguide device contains such an optical waveguide.

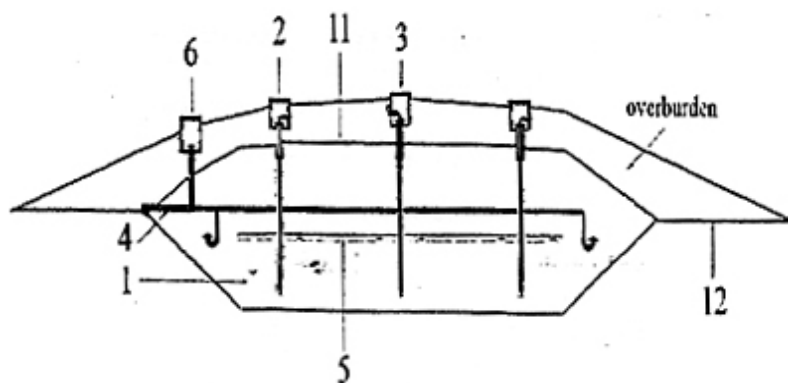


(54) Title of the invention : METHOD AND APPARATUS FOR THE PURIFICATION OF GROUND WATER

|                                               |                     |                                                           |
|-----------------------------------------------|---------------------|-----------------------------------------------------------|
| (51) International classification             | :C02F1/64,B01D24/10 | (71)Name of Applicant :                                   |
| (31) Priority Document No                     | :NA                 | <b>1)TYRESO, MILJOKEMI</b>                                |
| (32) Priority Date                            | :NA                 | Address of Applicant :SKOLVAGEN 11A,S-135 5 TYRESO Sweden |
| (33) Name of priority country                 | :NA                 | (72)Name of Inventor :                                    |
| (86) International Application No             | :PCT/SE2004/001169  | <b>1)HALLBERG,ROLF,O.</b>                                 |
| Filing Date                                   | :06/08/2004         | NO PRIORITY ????                                          |
| (87) International Publication No             | :WO 2006/014126     |                                                           |
| (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 decreasing the contents of metals, metalloids, nitrate and nitrite, respectively, in raw water flowing through a basin (1). whereby water containing either oxygen,oxygen-releasing substances, metabolic reactions of naturally occurring micro-organisms or containing denitrification organisms and/or substrates therefore is intermittently introduced to the basin (1) through a number of satellite wells (2) arranged around at least one extraction well(3) for purified water. Water containing oxygen and/or oxygen-releasing substances or metabolic reactions of naturally occurring micro-organisms or denitrification organisms and/or substrates therefore is homogeneously distributed vertically in said basin (1), whereby the water to be purified is fed into the basin by horizontally arranged feeding pipes (5) and that the extraction of purified water from said at least extraction well (3) is such that a substantially negative pressure is created around said at least one extraction well (3). The invention relates also to an apparatus for carrying out the method and to a satellite well to be used in the apparatus.



(54) Title of the invention : CABLE GLAND

(51) International classification :H 02 G  
 (31) Priority Document No :05405514.0  
 (32) Priority Date :01/09/2005  
 (33) Name of priority country :EUROPEAN UNION  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No : NA  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)OPTOSYS S.A.**

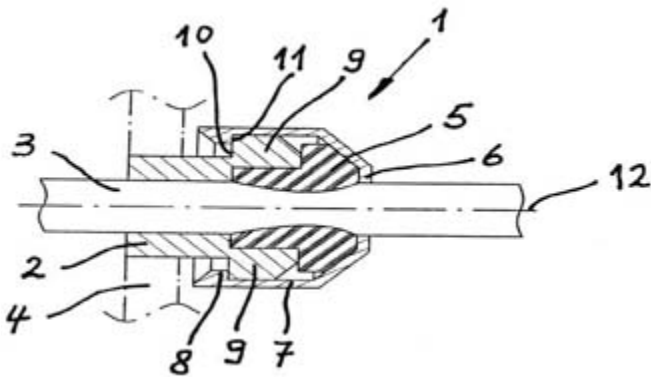
Address of Applicant :ROUTE ANDRE PILLER 50, CH-1762 GIVISIEZ, SWITZERLAND

(72)Name of Inventor :

**1)HEIMLICHER, PETER****2)CHARRIERE,FABRICE**

(57) Abstract :

The invention relates to a cable gland (1). The latter comprises a gland body (2) for feeding a cable (3) therethrough, an elastic sealing ring (5) that is applicable to the front side of the gland body (2) and whose internal diameter essentially corresponds to the diameter of the cable (3), and a gland ring (6) that is applicable to the sealing ring (5) on the opposite side of the gland body (2) and is maintained by connecting means (7, 8, 9) in an assembled condition at such an axial distance from the gland body (2) that the sealing ring (5) is clamped between the gland ring (6) and the gland body (2) so that its radially inner surface is pressed against the cable (3). These connecting means form a snap-on connection that is closable for the assembly of the cable gland by axially pushing together the gland ring (6) and the gland body (2) and that connects the gland ring (6) and the gland body (2) undetachably in their closed condition. A preferred field of application is encapsulated sensors having an enclosure into which a connecting cable (3) is guided through a gland body of a cable gland (1) that passes through the enclosure wall.

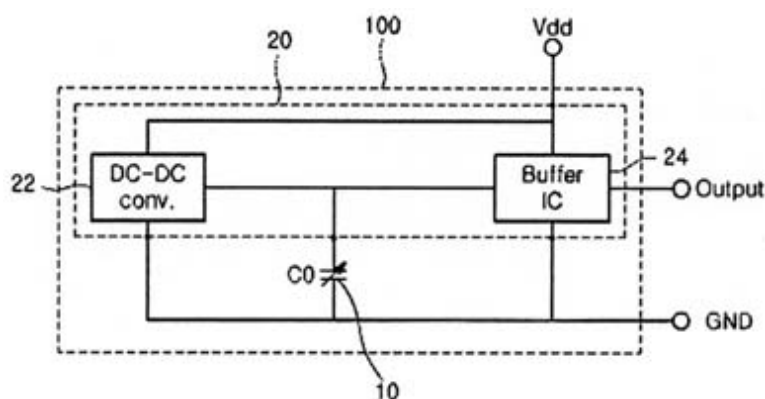


(54) Title of the invention : SILICON BASED CONDENSER MICROPHONE AND PACKAGING METHOD FOR THE SAME

|                                               |                    |                                                                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04R19/04         | (71)Name of Applicant :                                                                                  |
| (31) Priority Document No                     | :10-2005-0076521   | <b>1)BSE CO., LTD.</b>                                                                                   |
| (32) Priority Date                            | :20/08/2005        | Address of Applicant :4 LOT, 58 BLOCK, 626-3, GOJAN-DONG, NAMDONG-GU, INCHEON, 405-817 Republic of Korea |
| (33) Name of priority country                 | :Republic of Korea | (72)Name of Inventor :                                                                                   |
| (86) International Application No             | :NA                | <b>1)SONG, CHUNG-DAM</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 :

Disclosed are a silicon based condenser microphone and a packaging method for the silicon based condenser microphone. The silicon based condenser microphone comprises a metal case, and a board which is mounted with a MEMS microphone chip and an ASIC chip having a electric voltage pump and a buffer IC and is formed with a connecting pattern for bonding with the metal case, wherein the connecting pattern is welded to the metal case. The method for packaging a silicon based condenser microphone comprises the steps of inputting a board which is mounted with a MEMS chip and and ASIC chip and is formed with a connecting pattern; inputting a metal case, aligning the metal case on the connecting pattern of the board and welding an opened end of the metal case to the connecting pattern of the board. Thus the metal case is welded to the board by the laser.



(54) Title of the invention : INTEGRATED ELECTROPHYSIOLOGY LAB

(51) International classification

:A 61 B

5/04

(31) Priority Document No

:11/231,675

(32) Priority Date

:21/09/2005

(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)SIEMENS AKTIENGESELLSCHAFT**

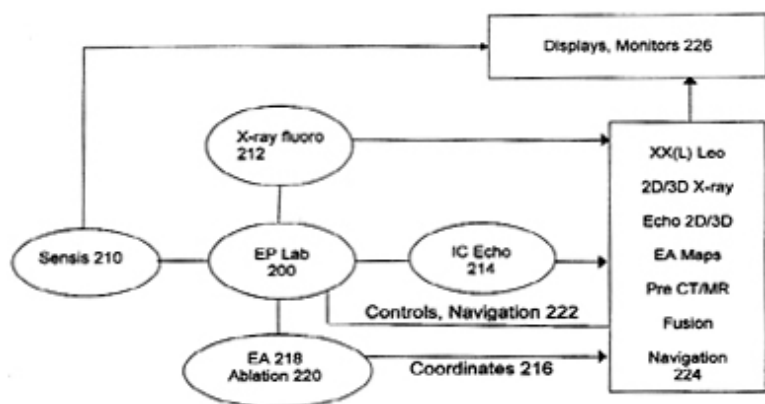
Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen Germany

(72)Name of Inventor :

**1)KLAUS KLINGENBECK-REGN**

(57) Abstract :

A system and method enhance the workflow of an electrophysiologist. A workstation may be interconnected with a number of medical devices associated with an EP lab. A user may enter patient registration data using the workstation that is subsequently sent to the medical devices. The medical devices may each perform a different electrophysiology related function and generate electrophysiology related data. The medical devices may send the data generated to the workstation. The workstation may perform operations on the data received to provide integrated results. The integrated results may include updating previously stored patient data and images or combining the data received to provide more detailed information and/or enhanced images. The integrated results may include displaying images and data from a number of medical devices on a display screen simultaneously. The workstation may generate a unified patient report based upon the data received from the medical devices.



(54) Title of the invention : DRUM TYPE BRAKE AND STRADDLE TYPE VEHICLE

(51) International classification

:F 16 D

65/12

(31) Priority Document No

:2005-

257051

(32) Priority Date

:05/09/2005

(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)YAMAHA HATSUDOKI KABUSHIKI KAISHA**

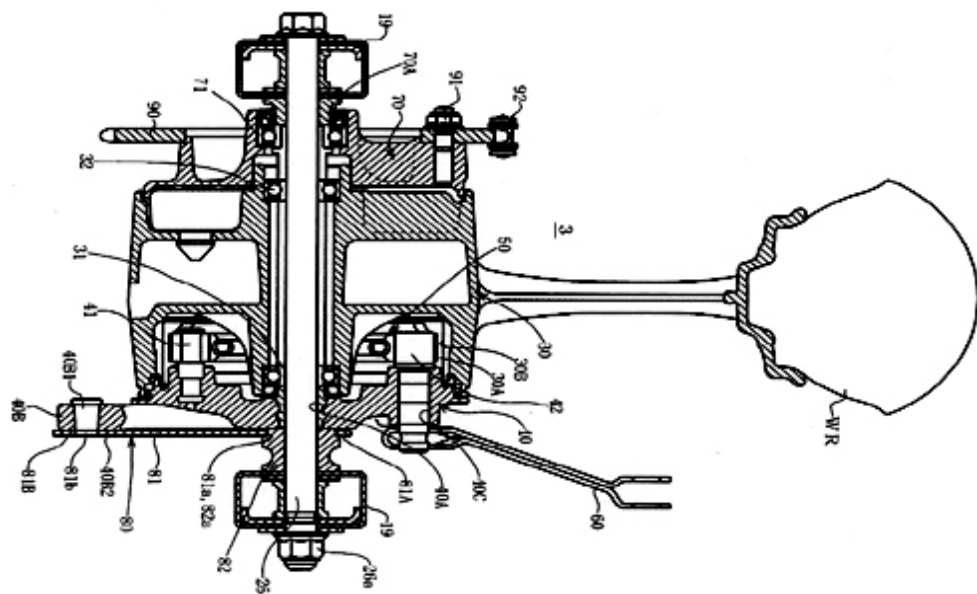
Address of Applicant :2500 SHINGAI, IWATA-SHI, SHIZUOKA-KEN Japan

(72)Name of Inventor :

**1)KAZUNORI MATSUMURA****2)TATSUYA SASAKI****3)TAKAO L KOYA****4)TOYOKATSU**

(57) Abstract :

To provide a drum type brake and a straddle type vehicle, although simple in constitution, capable of effectively preventing brake squeak. An installation member 80 that is placed adjacent in the wheel shaft direction to a brake drum 30, installed on a shoe plate 40 for pivoting a brake shoe 50 for free turn, and having a first portion and a second portion 81A, 81B, the first portion 81A being fixed to the shoe plate 40 or another member, the second portion 81B being fixed to or pressed against the shoe plate 40, and the natural frequency of the portion between the first portion 81A and the second portion 81B being different from the natural frequency of the shoe plate 40 when the first portion is made a fixed point.

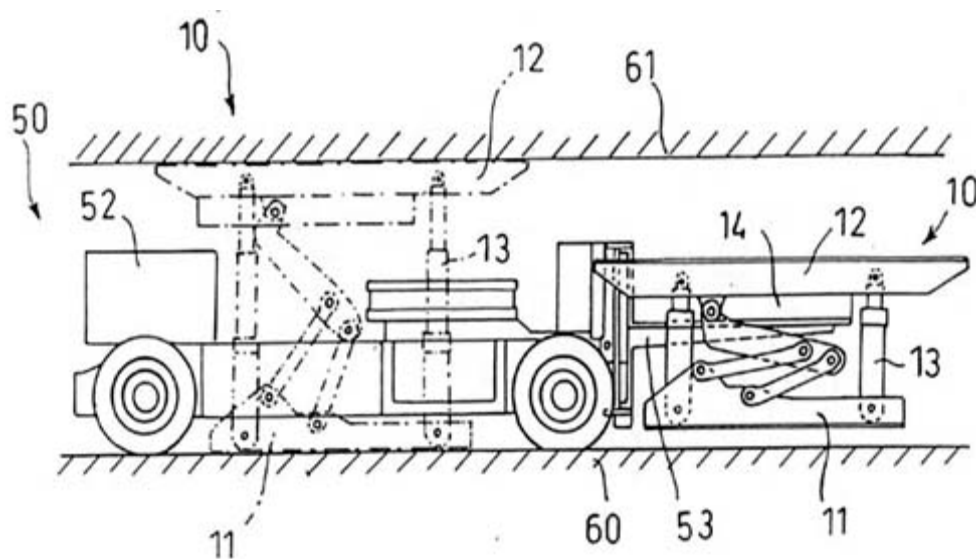


(54) Title of the invention : METHOD FOR DE-PILLARING IN ROOM-AND PILLAR SYSTEM AND SUPPORT UNIT FOR DE-PILLARING

|                                               |                 |                                                              |
|-----------------------------------------------|-----------------|--------------------------------------------------------------|
| (51) International classification             | :E 21 D 23/00   | (71)Name of Applicant :                                      |
| (31) Priority Document No                     | :102005040272.0 | <b>1)DBT GMBH</b>                                            |
| (32) Priority Date                            | :24/08/2005     | Address of Applicant :Industriestrasse 1,44534 Lunen,Germany |
| (33) Name of priority country                 | :Germany        | (72)Name of Inventor :                                       |
| (86) International Application No             | :NA             | <b>1)SCHUSTER,REINER</b>                                     |
| Filing Date                                   | :NA             | <b>2)GROSS,PETER</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 pertains to a method for de-pillaring in room-and-pillar system of minerals or raw materials in underground, seam-type beds, as well as support units 10 that can be advantageously used in the process. According to the invention, the extraction unit is aligned inclined to the pillar stretches and the seam roof is supported before the de-pillaring front of the extraction unit by several support units 10, which can be adjusted in height and width and can be driven with the help of a vehicle 50 through set support units 10 to another position and set there afresh.



(54) Title of the invention : STATOR COOLING SYSTEM FOR A HYBRID TRANSMISSION

(51) International classification

:H 02 K  
9/00

(31) Priority Document No

:11/232,761

(32) Priority Date

:22/09/2005

(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 :

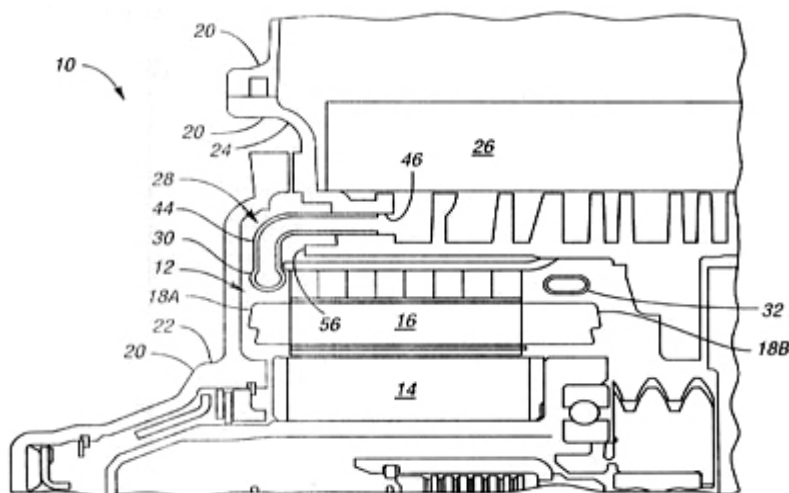
**1)GM GLOBAL TECHNOLOGY OPERATION INC**Address of Applicant :300 GM Renaissance Center Detroit,Michigan  
48265-3000 U.S.A U.S.A.

(72)Name of Inventor :

**1)RICHARD A. PASHNIK****2)HENRYK SOWUL**

(57) Abstract :

A cooling system for an annular stator housed within a transmission casing includes a first curved tube sufficiently sized to at least partially circumscribe the stator when the tube is placed within the casing. The first tube has a plurality of circumferentially spaced fluid openings. An intake conduit connects the first tube to the transmission casing to deliver fluid through the tube for flow through the fluid openings to cool the stator. Preferably, a second like curved tube is also provided and a connector tube connects the first and second tubes to allow fluid flow therebetween. A method of assembling a cooling system is also provided.





(54) Title of the invention : "PT SERVICE SYSTEM AND METHOD"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04B7/24          |
| (31) Priority Document No                     | :10-2004-0058080   |
| (32) Priority Date                            | :24/07/2004        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2005/002392 |
| Filing Date                                   | :23/07/2005        |
| (87) International Publication No             | :WO 2006/011731    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

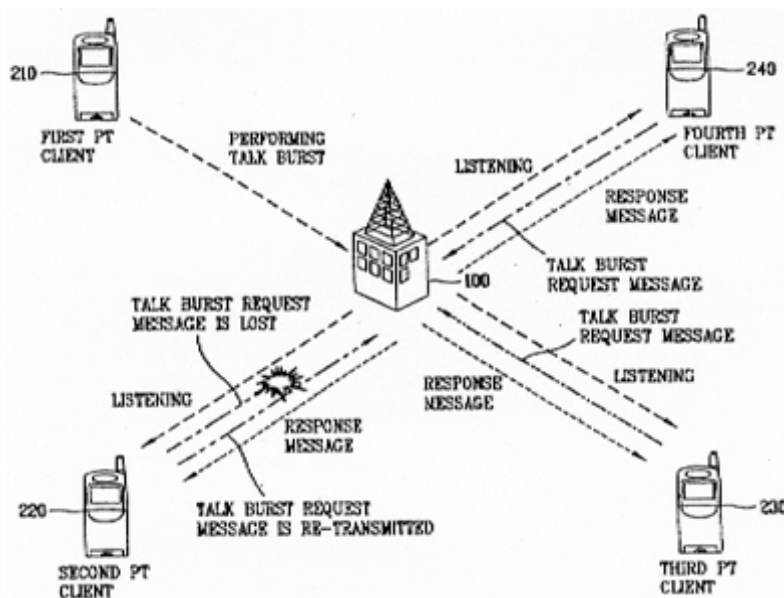
**1)LG ELECTRONICS INC.**Address of Applicant :20,YOIDO-DONG,YOUNGDUNGPO-GU  
SEOUL 150-010 Republic of Korea

(72)Name of Inventor :

**1)HUH-KANG-SUK****2)YOON KYUNG-AE****3)PARK YOUNG-HWAN****4)PARK JONG-CHUL**

(57) Abstract :

A PT service system and method are provided. According to an embodiment, there is provided a client device comprising a PT (push-to) client to transmit a talk burst request message for requesting a permission to send a talk burst. The talk burst request message includes a timestamp which includes time information associated with the transmission of the talk burst request message.

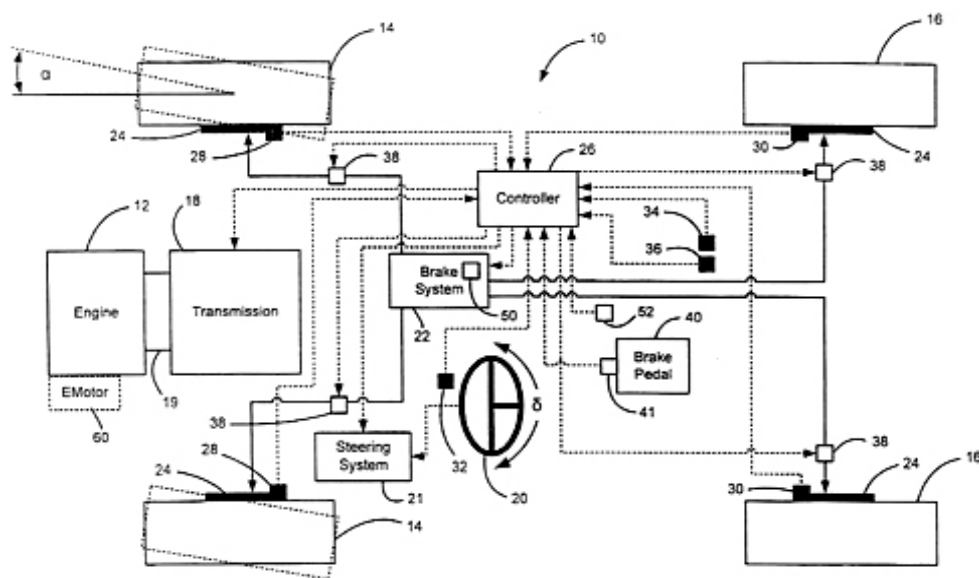


(54) Title of the invention : ROLLBACK REDUCTION IN HYBRID OR CONVENTIONAL POWERTRAIN VEHICLE VIA VEHICLE STABILITY ENHANCEMENT SYSTEM(VSES)

|                                               |                 |                                                                  |
|-----------------------------------------------|-----------------|------------------------------------------------------------------|
| (51) International classification             | :B 60 T<br>8/32 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/233,870     | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                      |
| (32) Priority Date                            | :23/09/2005     | Address of Applicant :300 GM Renaissance Center Detroit,Michigan |
| (33) Name of priority country                 | :U.S.A.         | 48265-3000 U.S.A. U.S.A.                                         |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA             | <b>1)GORO TAMAI</b>                                              |
| (87) International Publication No             | : NA            | <b>2)JEFF A.SIMPSON</b>                                          |
| (61) Patent of Addition to Application Number | :NA             | <b>3)WILLIAM L.ALDRICH III</b>                                   |
| Filing Date                                   | :NA             | <b>4)BIRENDRA P. BHATTARAI</b>                                   |
| (62) Divisional to Application Number         | :NA             |                                                                  |
| Filing Date                                   | :NA             |                                                                  |

## (57) Abstract :

An anti-rollback control system for a vehicle having a brake system includes a brake pedal that is operable to induce a brake pressure in the brake system and a control module that holds the brake pressure equal to a hold pressure that is based on an incline angle to inhibit rollback of the vehicle when pressure is relieved from the brake pedal. The control module initiates forward propulsion of the vehicle based on a driver input and reduces the brake pressure from the hold pressure concurrent to initiating the forward propulsion.



(54) Title of the invention : IMPULSE CHARGING CONTROL TO EXTEND DISPLACEMENT ON DEMAND RANGE

(51) International classification

:F 02 B

31/00; F 02

D 7/00

(31) Priority Document No

:11/238,726

(32) Priority Date

:29/09/2005

(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 :

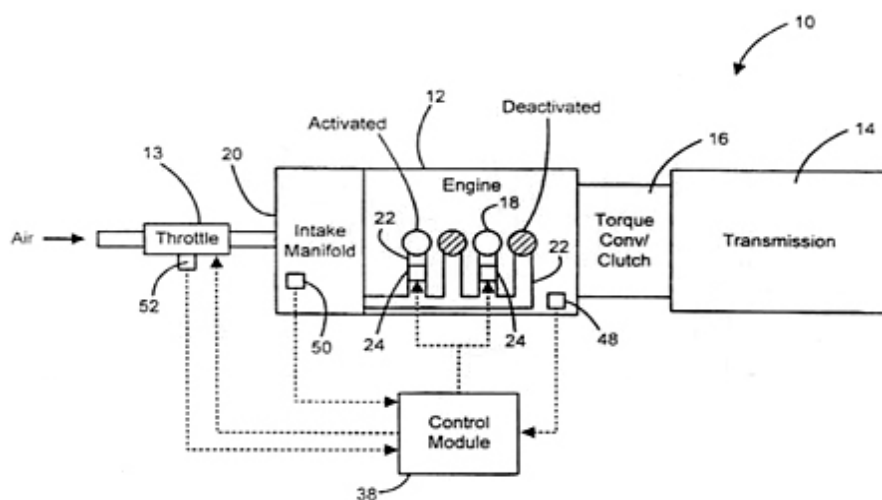
**1)GM GLOBAL TECHNOLOGY OPERATION INC.**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)Frederick J. Rozario****2)MIKE M. MC DONALD****3)WILLIAM C. ALBERTSON****4)KO-JEN WU**

(57) Abstract :

An engine control system for controlling engine operation in activated and deactivated modes in a displacement on demand (DOD) engine includes an impulse charging device that is disposed upstream of an intake port of a cylinder of the DOD engine and that is operable to regulate air flow into the cylinder. A first module initiates impulse charging to regulate air flow into the cylinder when a desired engine torque output nears a first threshold engine torque output during engine operation in the deactivated mode.



(54) Title of the invention : RADIALLY STACKED DUAL DRY CLUTCH CONFIGURATION

(51) International classification

:F 16 D

21/02

(31) Priority Document No

:11/238,727

(32) Priority Date

:29/09/2005

(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 :

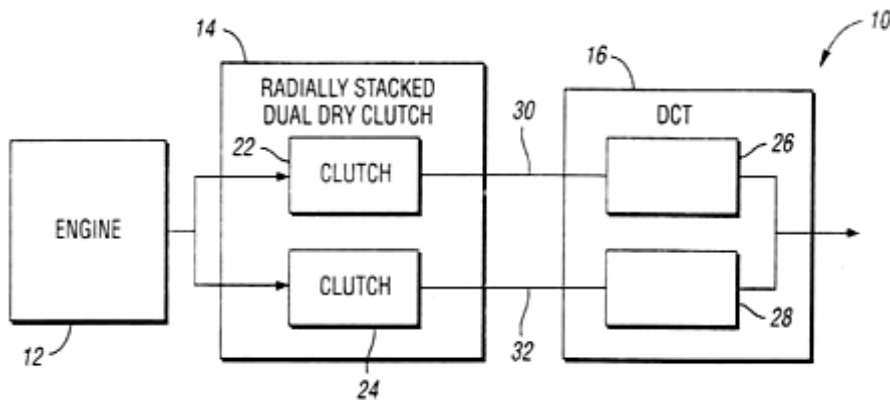
**1)GM GLOBAL TECHNOLOGY OPERATION INC**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)PAUL D. STEVENSON****2)JOEL M. MAGUIRE**

(57) Abstract :

A radially stacked dual dry clutch apparatus for a dual clutch transmission is provided. The apparatus includes a housing, an outer clutch mounted to the housing, and an inner clutch mounted to the housing. The outer clutch includes a first plurality of engageable clutch plates, and a hub attached to one of the first plurality of clutch plates. The hub preferably defines a plurality of access ports. The inner clutch includes a second plurality of engageable clutch plates. The inner clutch also includes an apply member configured to selectively actuate the second plurality of clutch plates. At least a portion of the apply member is adapted to pass through the access ports of the hub.



(54) Title of the invention : DIESEL PARTICULATE FILTER (DPF) REGENERATION BY ELECTRICAL HEATING OF RESISTIVE COATINGS

(51) International classification

:F 01 N

3/00

(31) Priority Document No

:11/233,450

(32) Priority Date

:22/09/2005

(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 :

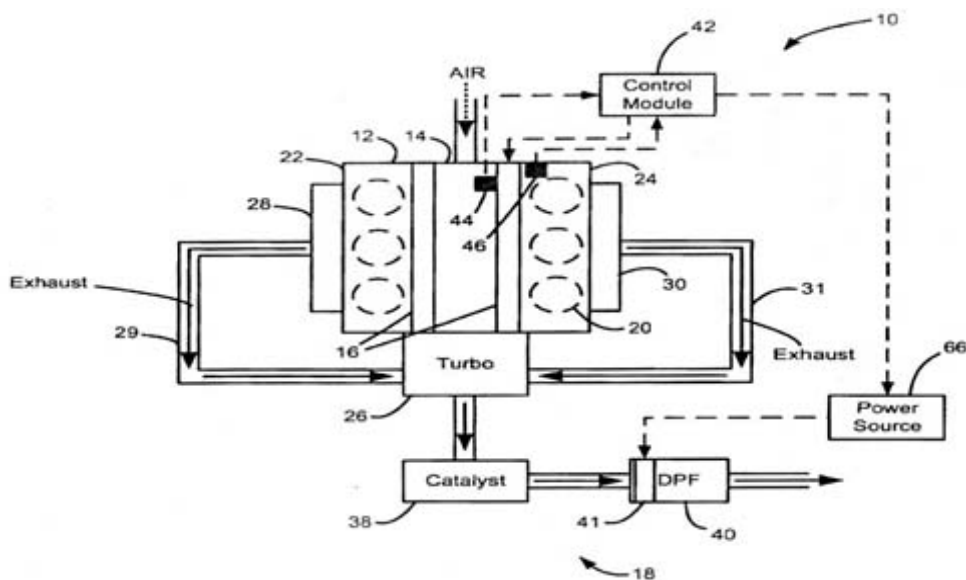
**1)GM GLOBAL TECHNOLOGY OPERATION INC**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)WELDON.S. WILLIAMSON****2)EUGENE V. GONZE**

(57) Abstract :

An exhaust system that processes exhaust generated by an engine includes a diesel particulate filter (DPF) that is disposed downstream of the engine and that filters particulates from the exhaust. An electrical heater is integrally formed in an upstream end of the DPF and selectively heats the exhaust to initiate combustion of the particulates within the exhaust as it passes therethrough. Heat generated by combustion of the particulates induces combustion of particulates within the DPF.

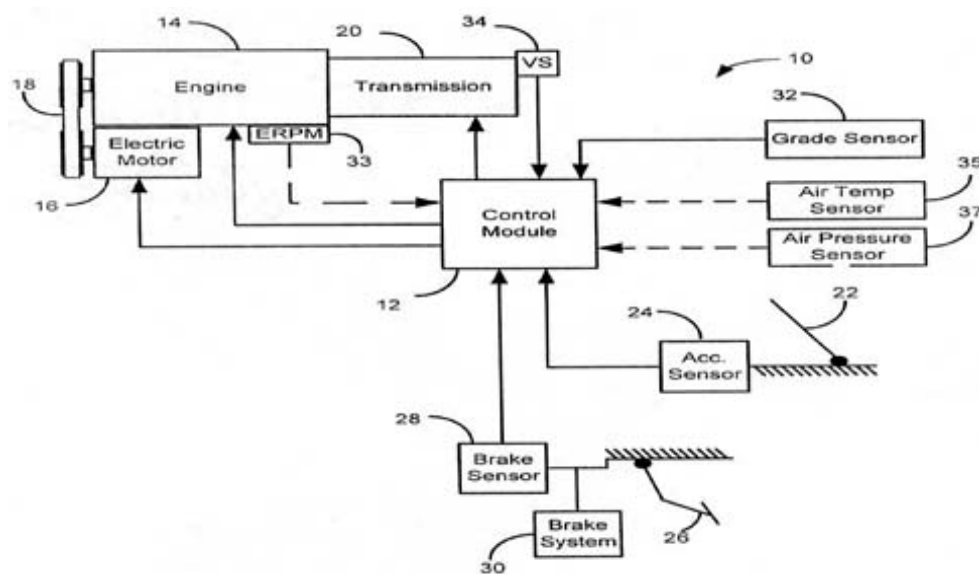


(54) Title of the invention : ANTI-ROLLBACK CONTROL FOR HYBRID AND CONVENTIONAL POWERTRAIN VEHICLES

|                                               |               |                                                                   |
|-----------------------------------------------|---------------|-------------------------------------------------------------------|
| (51) International classification             | :G 06 F 19/00 | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/233,841   | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                       |
| (32) Priority Date                            | :23/09/2005   | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.       | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA           | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA           | <b>1)GORO TAMAI</b>                                               |
| (87) International Publication No             | : NA          | <b>2)BIRENDRA P. BHATTARAI</b>                                    |
| (61) Patent of Addition to Application Number | :NA           | <b>3)TONY T. HOANG</b>                                            |
| Filing Date                                   | :NA           |                                                                   |
| (62) Divisional to Application Number         | :NA           |                                                                   |
| Filing Date                                   | :NA           |                                                                   |

(57) Abstract :

An anti-rollback vehicle control system reduces vehicle rollback by restarting an engine based on a grade, a brake signal, and a calculated brake release rate. In a hybrid vehicle, the control system restarts the vehicle engine and electric motor. In a conventional powertrain vehicle that utilizes a transmission with a neutral-idle mode, the control system directs the transmission to exit neutral-idle mode. The grade may be estimated based on a vehicle acceleration rate, a vehicle driving force, and resistance factors.

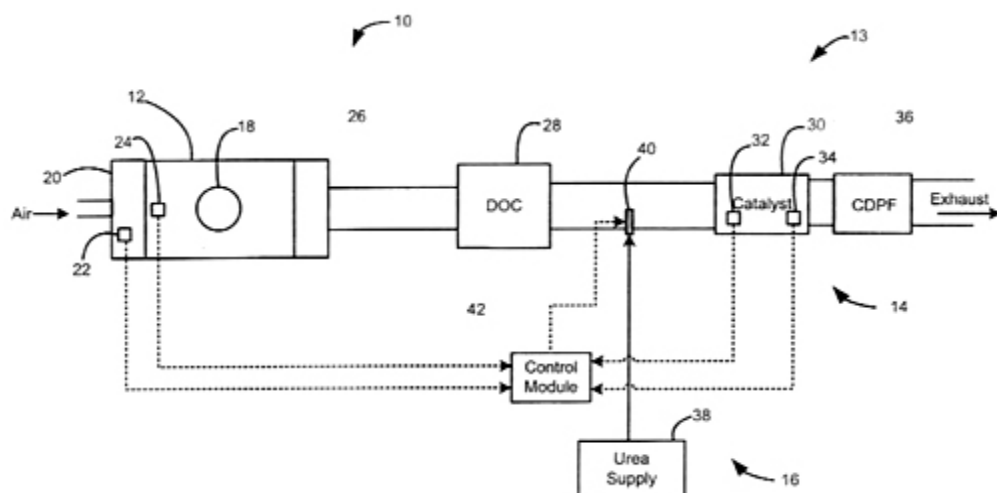


(54) Title of the invention : EXHAUST TREATMENT SYSTEM DIAGNOSTIC VIA AMMONIUM NITRITE DECOMPOSITION

|                                               |                                 |                                                                                                                                                                 |
|-----------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F 01 N<br>3/00; F 01<br>N 7/00 | (71)Name of Applicant :<br><b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b><br>Address of Applicant :300 GM Renaissance Center Detroit,Michigan<br>48265-3000 U.S.A. |
| (31) Priority Document No                     | :11/234,004                     | (72)Name of Inventor :                                                                                                                                          |
| (32) Priority Date                            | :23/09/2005                     | <b>1)DAVID B. BROWN</b>                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.                         | <b>2)MICHAEL J.PARATORE JR.</b>                                                                                                                                 |
| (86) International Application No             | :NA                             | <b>3)MICHAEL B. VIOLA</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 monitoring operation of an exhaust treatment system of a diesel engine includes injecting a dosing agent into an exhaust and monitoring the operating conditions of an engine during normal driving conditions. A control module monitors inlet and outlet temperatures of a catalyst and compares the inlet temperature to the outlet temperature. The control module further evaluates the exhaust treatment system based on the inlet temperature, the outlet temperature and a predetermined temperature threshold.



(54) Title of the invention : APPARATUS AND METHODS FOR ESTIMATING VEHICLE FUEL COMPOSITION

(51) International classification

:B 65 B

1/04

(31) Priority Document No

:11/232,704

(32) Priority Date

:22/09/2005

(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)GM GLOBAL TECHNOLOGY OPERATION INC**

Address of Applicant :300 GM Renaissance Center Detroit,Michigan

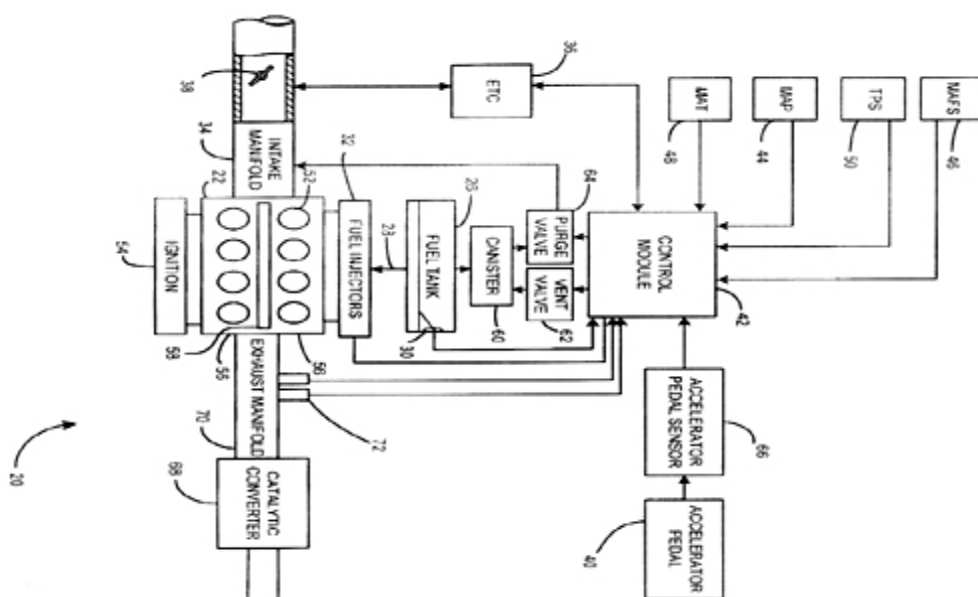
48265-3000 U.S.A.

(72)Name of Inventor :

**1)MARK D.CARR****2)JOSEPH R. DULZO****3)CHRISTOPHER R. GRAHAM****4)RICHARD B.JESS****5)IAN J. MACEWEN****6)ONASSIS MATTHEWS****7)JEFFREY A. SELL****8)MICHAEL J. SVESTKA****9)JULIAN R. VERDEJO**

(57) Abstract :

A method of estimating composition of fuel in the fuel tank of a vehicle. A refuel event is detected. Fuel consumption is monitored during a plurality of stages after the refuel event. A plurality of fuel trim shift values are determined relative to the stages. The fuel trim shift values are used to estimate a fuel composition change. This method eliminates a need for a hardware fuel composition sensor and also provides dynamic filtering of fuel trim values.



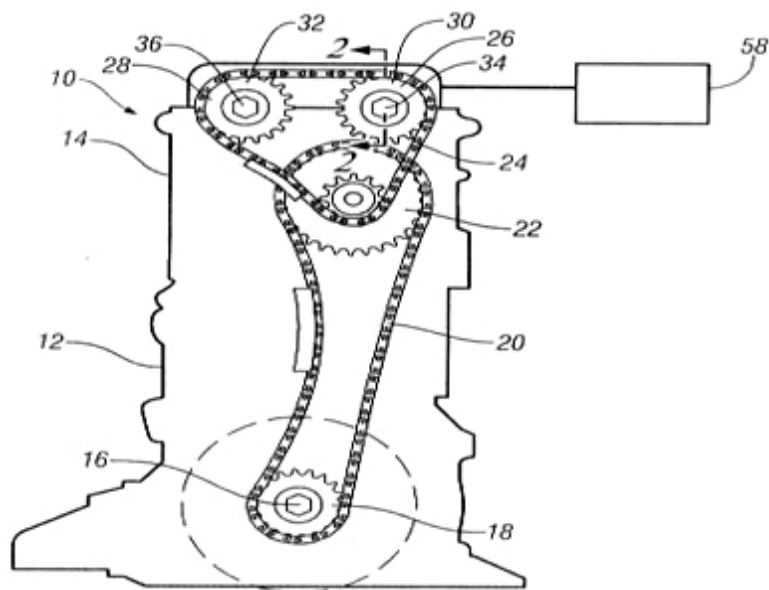


(54) Title of the invention : METHOD AND APPARATUS FOR DIAGNOSING VALVE LIFTER MALFUNCTION IN A LIFT ON DEMAND SYSTEM

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :F 01L 1/34 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/238,720 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                      |
| (32) Priority Date                            | :29/09/2005 | Address of Applicant :300 GM Renaissance Center Detroit,Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA         | <b>1)KENNETH J. CINPINSKI</b>                                    |
| (87) International Publication No             | : NA        | <b>2)VIMESH M. PATEL</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 diagnosing malfunctions of switching valve lifters includes sensing variations in pressure of trapped oil in a drive chamber of a hydraulic camshaft drive, such as a cam phaser, comparing peak oil pressure readings in the drive chamber resulting from the increased torque of opening the valves of various cylinders of an engine and identifying cylinders having lower than normal valve opening pressure readings, indicating failure of an associated valve lifter to properly actuate a valve of the cylinder. Apparatus for indicating such malfunctions could include a cam phaser with pressure chamber, a pressure sensor connected to indicate pressure variations in the chamber; and a pressure indicator connected to the sensor and adapted to indicate actual pressure variations for comparison with normal variations to identify low pressure peaks indicating malfunction of a switching lifter. A computer could be used to receive and act upon the malfunction indications.



(54) Title of the invention : COMPACT OIL TRANSFER MANIFOLD

(51) International classification

:F 16 L

19/18

(31) Priority Document No

:11/233,849

(32) Priority Date

:23/09/2005

(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 :

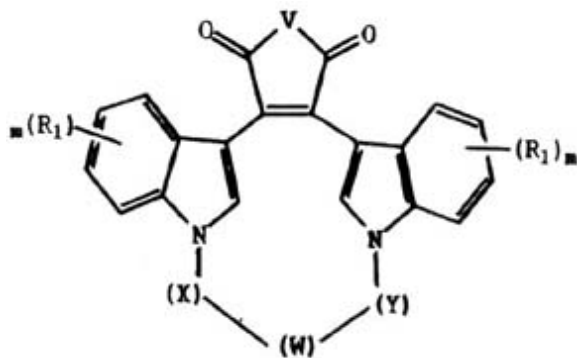
**1)GM GLOBAL TECHNOLOGY OPERATION INC**Address of Applicant :300 GM Renaissance Center Detroit,Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)JOEL M. MAGUIRE****2)CRAIG S. ROSS**

(57) Abstract :

The present invention relates to a manifold for a vehicle transmission. The manifold defines a plurality of laterally extending channels suitable for simultaneously transferring oil at separate flow rates and pressure signals and may be subdivided to provide a plurality of like defined manifolds. The manifold, formed through an extrusion process is fittable within or around a transmission shaft.

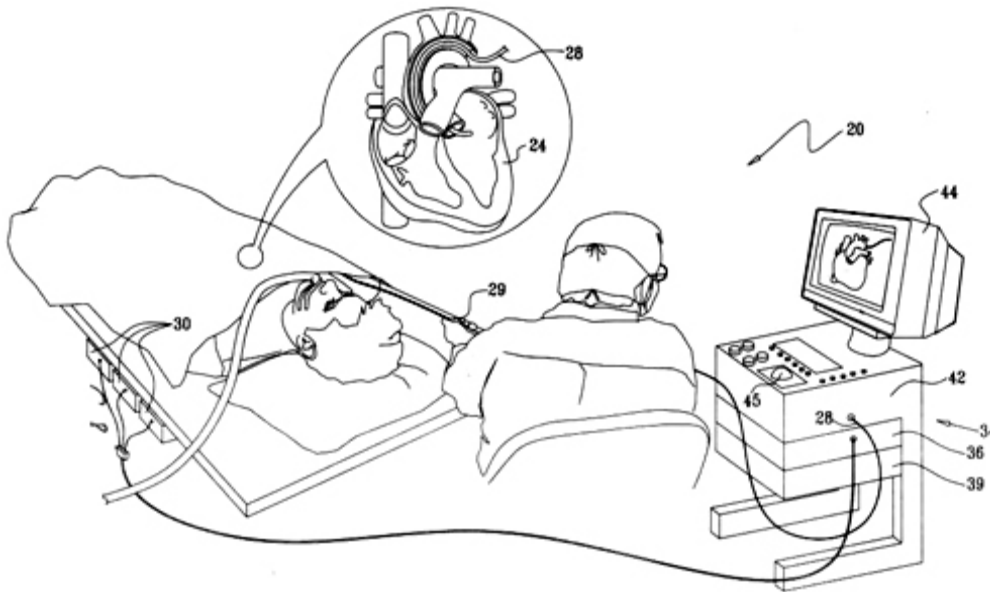


(54) Title of the invention : SEGMENTATION AND REGISTRATION OF MULTIMODAL IMAGES USING PHYSIOLOGICAL DATA

|                                               |                                  |                                                                                                                                            |
|-----------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G 06 T<br>15/00; A 61<br>B 5/00 | (71)Name of Applicant :<br><b>1)BIOSENSE WEBSTER,INC</b><br>Address of Applicant :3333 Diamond Canyon Road, Diamond Bar CA<br>91765 U.S.A. |
| (31) Priority Document No                     | :11/215,435                      | (72)Name of Inventor :                                                                                                                     |
| (32) Priority Date                            | :30/08/2005                      | <b>1)Assaf Prelse</b>                                                                                                                      |
| (33) Name of priority country                 | :U.S.A.                          | <b>2)YITZHACK SCHWARTZ</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 and methods are provided for registering maps with images, involving segmentation of three-dimensional images and registration of images with an electro-anatomical map using physiological or functional information in the maps and the images, rather than using only location information. A typical application of the invention involves registration of an electro-anatomical map of the heart with a pre-acquired or real-time three-dimensional image. Features such as scar tissue in the heart, which typically exhibits lower voltage than healthy tissue in the electro-anatomical map, can be localized and accurately delineated on the three-dimensional image and map.



(54) Title of the invention : STAPLE CARTRIDGES FOR FORMING STAPLES HAVING DIFFERING FORMED STAPLE HEIGHTS

(51) International classification

:B 25 C

5/04

(31) Priority Document No

:11/216,562

(32) Priority Date

:31/08/2005

(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)ETHICON ENDO-SURGERY,INC**

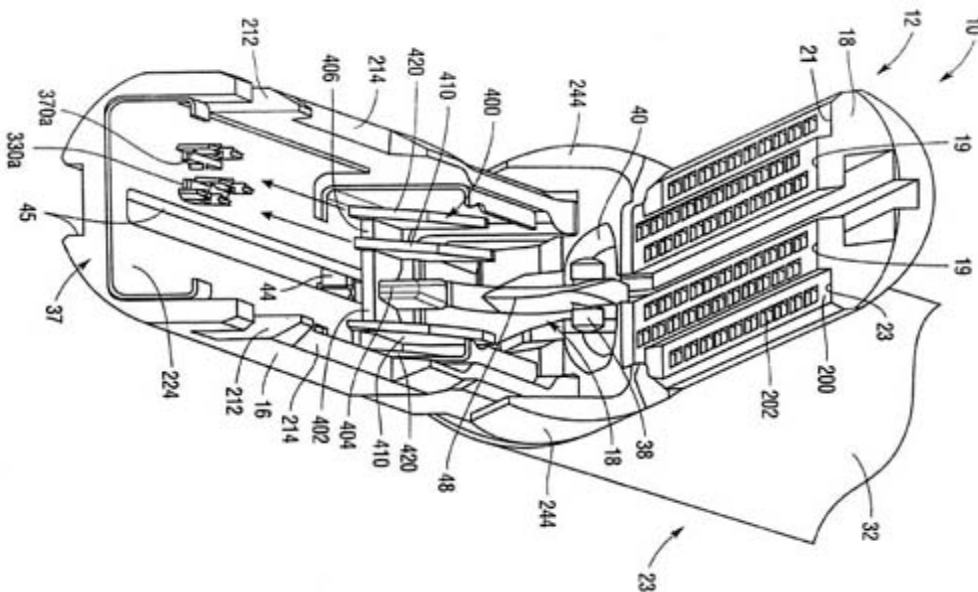
Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A.

(72)Name of Inventor :

**1)Fredrick E . Shelton IV**

(57) Abstract :

A staple cartridge for use with a stapling device that has an actuator that is selectively actuatable in an axial direction and an anvil portion that is selectively movable between open and closed positions is disclosed. Various embodiments of the present invention include a cartridge body that movably supports first and second staple drivers. The staple drivers each support a staple thereon and serve to drive the staples into forming contact with the anvil upon actuation by the actuator. The various embodiments of the present invention enable the final formed heights of the staples to be varied without the need to use different sizes of staples.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.852/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : TREATING ENDOMETRIOSIS OR INFERTILITY, OR IMPROVING FERTILITY

(51) International classification :A 61 K 9/00

(31) Priority Document No :60/157,754

(32) Priority Date :05/10/1999

(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 :

Filed on IN/PCT/2002/00380

:21.3.2002

(71)**Name of Applicant :**

**1)COLUMBIA LABORATORIES (BERMUDA) LIMITED**

Address of Applicant :ROSEBANK CENTER, 14 BERMUDIANA  
ROAD, PEMBROKE HM08, Bermuda

(72)**Name of Inventor :**

**1)BOLOGNA WILLIAM J.**

**2)KANE DANIEL E.**

**3)PEASE,CRAIG B.**

**4)REINARD ,JR JOHNT.**

**5)DE ZIEGLER DOMINIQUE**

**6)LEVINE HOWARD L**

(57) Abstract :

The present invention concerns compositions and methods for using a B-adrenergic agonist for treating endometriosis-sis, for treating infertility, and for improving fertility. The present invention further concerns formulating such a composition or method in such a way as to provide therapeutically sufficient levels of the B-adrenergic agonist locally while avoiding adverse systematic concentrations in the host, thereby minimizing or avoiding adverse side effects.

(54) Title of the invention : MOULD FOR CONTINUOUS CASTING OF METALS

(51) International classification :B 22 D 11/00  
 (31) Priority Document No :102005057580.3  
 (32) Priority Date :30/11/2005  
 (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)KM EUROPA METAL AKTIENGESELLSCHAFT**

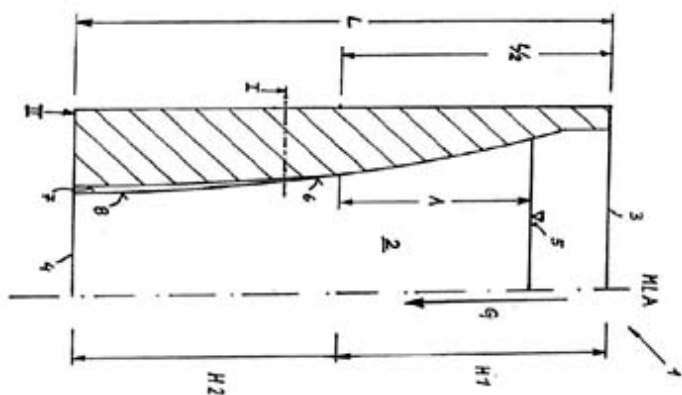
Address of Applicant :KLOSTERSTRASSE 29 OSNABRUCK D-49074 Germany

(72)Name of Inventor :

**1)WOBER HANS-GUNTER****2)HUGENSCHUTT GERHARD****3)KOLBECK DIETMAR****4)BOLDT RAIMUND****5)MAIWALD FRANK****6)REINELT DANIEL****7)PIWOWAR HANS-DIRK****8)RODE DIRK**

(57) Abstract :

The invention relates to a mould for continuous casting of metals with a mould cavity (2), which has a pouring slot (3), an exit opening (4) and a casting cone (6). It is placed in a concave bulge (7), which extends in the direction of casting (G) and which at a distance (A) below a pre-defined liquid metal level (5) and extends itself up to the exit opening (4).

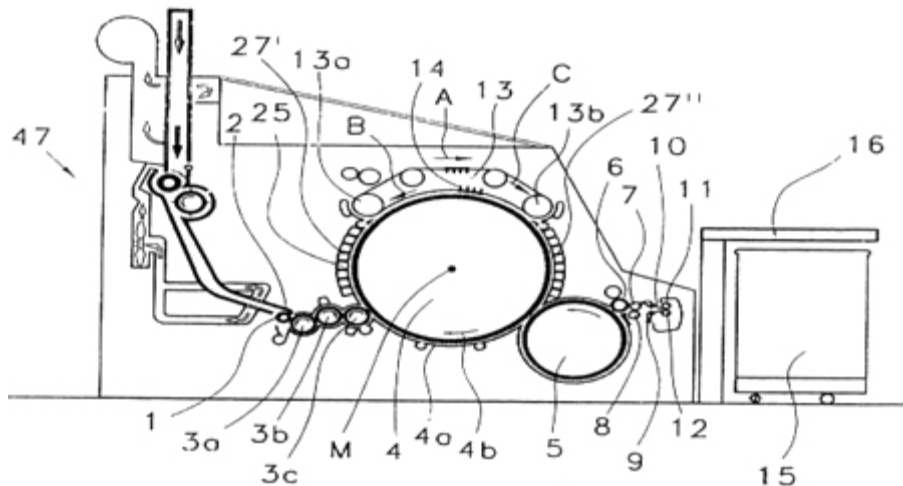


(54) Title of the invention : APPARATUS AT A FLAT CARD OR ROLLER CARD FOR GRINDING A CLOTHING DRAWN ONTO A ROTATING ROLLER, HAVING A CARRYING DEVICE

|                                               |                 |                                              |
|-----------------------------------------------|-----------------|----------------------------------------------|
| (51) International classification             | :B 24 B 51/00   | (71)Name of Applicant :                      |
| (31) Priority Document No                     | :102005055915.8 | <b>1)TRUTZSCHLER GMBH &amp; CO.KG.</b>       |
| (32) Priority Date                            | :22/11/2005     | Address of Applicant :DUVENSTR.82-92,D-41199 |
| (33) Name of priority country                 | :Germany        | MONCHENGLADBACH Germany                      |
| (86) International Application No             | :NA             | (72)Name of Inventor :                       |
| Filing Date                                   | :NA             | <b>1)ARMIN LEDER</b>                         |
| (87) International Publication No             | : NA            | <b>2)GERD PFERDMENGES</b>                    |
| (61) Patent of Addition to Application Number | :NA             | <b>3)THOMAS SCHMITZ</b>                      |
| Filing Date                                   | :NA             |                                              |
| (62) Divisional to Application Number         | :NA             |                                              |
| Filing Date                                   | :NA             |                                              |

## (57) Abstract :

In an apparatus at a flat card or roller card for grinding a clothing drawn onto a rotating roller, having a carrying device with at least one grinding element and an advancing device serving to set the grinding element against the clothing, wherein the apparatus comprises a biasing device serving for automatically continuing to push forward the grinding element in a contact-making direction during the grinding procedure, the carrying device is attached to the flat card or roller card. In order to make it possible, by means that are simple in terms of construction and installation, to reduce substantially the preparation time until service-readiness, a plurality of cover elements and/or work elements of the roller are provided, the grinding device with the at least one grinding element and a cover element and/or work element being interchangeable.

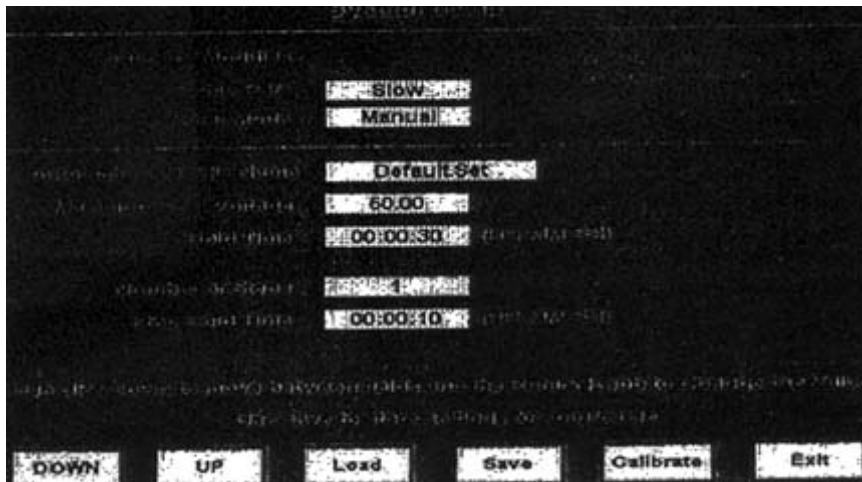


(54) Title of the invention : HIGH-VOLTAGE POWER SUPPLY CONTROL SYSTEM AND WIRELESS CONTROLLER AND METHOD THEREFOR

|                                               |                  |                                                          |
|-----------------------------------------------|------------------|----------------------------------------------------------|
| (51) International classification             | :G 01 R<br>21/00 | (71)Name of Applicant :<br><b>1)HUBBELL INCORPORATED</b> |
| (31) Priority Document No                     | :11/216,463      | Address of Applicant :584 DERBY MILFORD ROAD,ORANGE,     |
| (32) Priority Date                            | :01/09/2005      | CONNECTICUT 06477-4024, U.S.A.                           |
| (33) Name of priority country                 | :U.S.A.          | (72)Name of Inventor :                                   |
| (86) International Application No             | :NA              | <b>1)EWERS,CHRISTOPHER,F</b>                             |
| Filing Date                                   | :NA              | <b>2)SOWERBY,MICHAEL,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 :

Wireless controller, a system implementing a wireless controller and a method which allows wireless control of high voltage test modules utilize wireless networking technology for the control and monitoring of High Voltage test equipment providing, for example, a completely galvanically isolated controller for High Voltage test modules. Utilizing wireless networking, with controller/regulator tied as talker/listener to reduce possibility of outside access to local network. Controller may be battery powered to provide full isolation of user from high voltage equipment. Other accepted group members can be added to monitor operations remotely with minimal possibility of outside intervention.



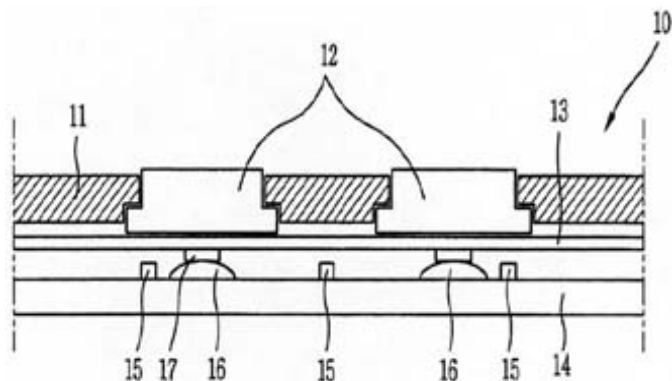


(54) Title of the invention : TOUCH KEY ASSEMBLY FOR A MOBILE TERMINAL

|                                               |                    |                                                        |
|-----------------------------------------------|--------------------|--------------------------------------------------------|
| (51) International classification             | :G 09G 5/00        | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :80371/2005        | <b>1)LG ELECTRONICS INC.</b>                           |
| (32) Priority Date                            | :30/08/2005        | Address of Applicant :20, YOIDO -DONG YONGDUNGPO SEOUL |
| (33) Name of priority country                 | :Republic of Korea | Republic of Korea                                      |
| (86) International Application No             | :NA                | (72) <b>Name of Inventor :</b>                         |
| Filing Date                                   | :NA                | <b>1)CHOO ZHI-MIN</b>                                  |
| (87) International Publication No             | : NA               | <b>2)LEE HYUNG -WOON</b>                               |
| (61) Patent of Addition to Application Number | :NA                | <b>3)KO DONG-SEUCK</b>                                 |
| Filing Date                                   | :NA                |                                                        |
| (62) Divisional to Application Number         | :NA                |                                                        |
| Filing Date                                   | :NA                |                                                        |

(57) Abstract :

A touch key assembly is structured to operate with a cover having at least one touch key, which is defined by an optically transmissive region of the cover. A touch pad is coupled to the cover and is shaped to define at least one aperture which forms a light guide that is associated with the touch key. A light source is positioned relative to the bottom side of the touch pad, and is further positioned relative to the light guide to provide light to the touch key. The assembly may also include an optical waveguide positioned relative to the bottom side of the touch pad, the optical waveguide being structured to transmit light. A reflection element operatively associated with the bottom side of the optical waveguide may be used to enhance refraction of the light. The touch key assembly may be implemented in a portable electronic device, such as a mobile terminal or a personal digital assistant (PDA).



(54) Title of the invention : METHOD FOR INSERTING A CERAMIC FUNCTIONAL BODY IN A TUBULAR METAL HOUSING AND A DEVICE THUS PRODUCED

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :B 01 D 50/00   |
| (31) Priority Document No                     | :102005041512.1 |
| (32) Priority Date                            | :01/09/2005     |
| (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)HEINRICH GILLET GMBH**

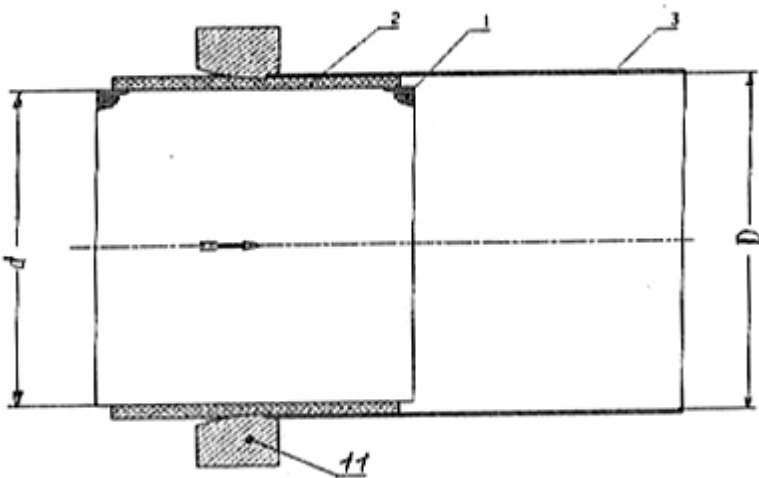
Address of Applicant :An der Bundesstrasse 38, 67480 Edenkoben, Germany

(72)Name of Inventor :

**1)TERRES,FRANK**

(57) Abstract :

A method for inserting a ceramic functional body in a tubular metal housing is disclosed. After the functional body is measured, it is wrapped with a support mat and slid into the housing. This is followed by a heating step of the entire housing. In this state, the housing is then reduced to a dimension that results from the current dimension of the ceramic functional body plus the desired gap dimension in the hot state. Upon cooling, the housing shrinks, and the functional body and the support mat sit correctly in the housing.



(54) Title of the invention : "IMPROVEMENTS TO CANNULA COMPONENTS"

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| (51) International classification             | :A61B17/06;<br>A61B17/04;<br>A61M1/00 |
| (31) Priority Document No                     | :0413668.5                            |
| (32) Priority Date                            | :17/06/2004                           |
| (33) Name of priority country                 | :U.K.                                 |
| (86) International Application No             | :PCT/GB2005/002379                    |
| Filing Date                                   | :16/06/2005                           |
| (87) International Publication No             | :WO 2005/122912                       |
| (61) Patent of Addition to Application Number | :NA                                   |
| Filing Date                                   | :NA                                   |
| (62) Divisional to Application Number         | :NA                                   |
| Filing Date                                   | :NA                                   |

(71)Name of Applicant :

**1)HAMMERSMITHY HOSPITAL'S NHS TRUST**

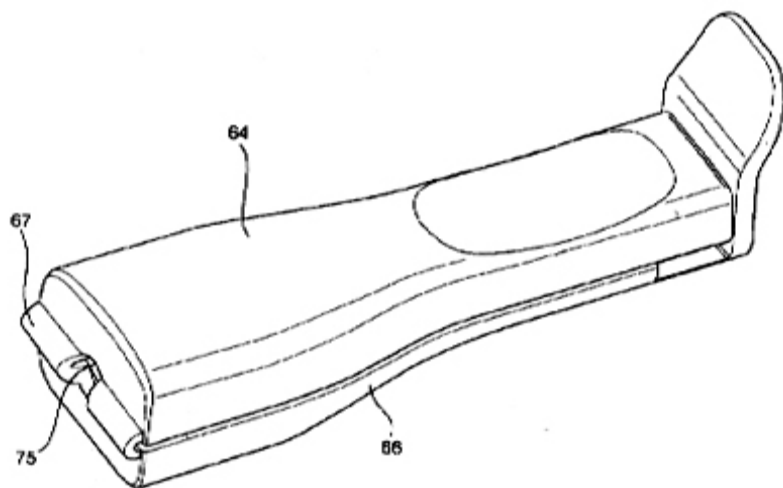
Address of Applicant :DUCANE ROAD,LONDON W12 0HS U.K.

(72)Name of Inventor :

**1)PUNJABI PRAKASH**

(57) Abstract :

A set of cannula components, the cannula being of a kind which has an end region of sufficient dimensions as to be located, in use, in an aperture of body tissue, a thread being woven around the aperture so that, when the thread is drawn, the fluid is primarily channelled through the cannula, wherein the set comprises at least one clamp configured to tightly fasten onto the outside of the wall of the cannula whilst in a region being sufficiently spaced from the cannula wall to be able to accommodate the passage of a flexible wall tube through which a thread may be drawn; and at least a second clamp configured to squash said flexible wall tube in order to substantially immobilise a thread located inside the tube in order to keep the thread in its desired position.



(54) Title of the invention : CAMSHAFT DRIVE SYSTEM AND ENGINE ASSEMBLY

(51) International classification

:F 01 L

1/02

(31) Priority Document No

:60/716,593

(32) Priority Date

:13/09/2005

(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 :

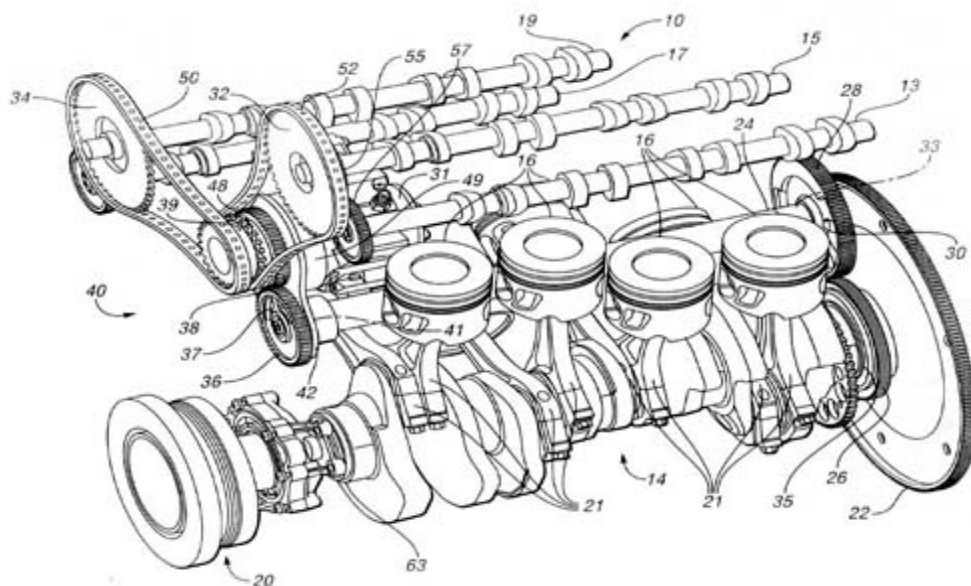
**1)GM GLOBAL TECHNOLOGY OPERATION,INC**Address of Applicant :300 GM Renaissance Center,Detroit,Michigan  
48265,3000 U.S.A.

(72)Name of Inventor :

**1)GREGG T. PURCILLY****2)FRANZ DECARLI****3)CHRIS COWLAND**

(57) Abstract :

An engine assembly is provided including an engine crankshaft and a balance shaft connected with the crankshaft and rotatably driven thereby. A vehicle component such as a hydraulic pump or an overhead camshaft is operatively connected with the balance shaft such that it is rotatably driven by the crankshaft through the balance shaft. A camshaft drive system includes the engine crankshaft, the balance shaft and the overhead camshaft.

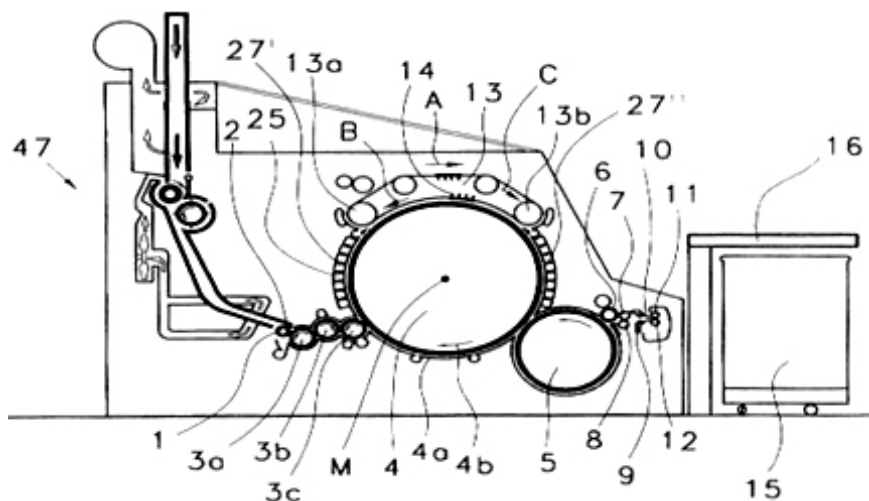


(54) Title of the invention : APPARATUS AT A FLAT CARD OR ROLLER CARD FOR GRINDING A CLOTHING DRAWN ONTO A ROTATING ROLLER

|                                               |                 |                                                                   |
|-----------------------------------------------|-----------------|-------------------------------------------------------------------|
| (51) International classification             | :B24B51/00      | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :102005055916.6 | <b>1)TRUTZSCHLER GMBH &amp; CO. KG</b>                            |
| (32) Priority Date                            | :22/11/2005     | Address of Applicant :Duvenstrasse 82-92, D-41199 Monchengladbach |
| (33) Name of priority country                 | :Germany        | Germany                                                           |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA             | <b>1)ARMIN LEDER,</b>                                             |
| (87) International Publication No             | : NA            | <b>2)GERD PFERDMENGES</b>                                         |
| (61) Patent of Addition to Application Number | :NA             | <b>3)THOMAS SCHMITZ</b>                                           |
| Filing Date                                   | :NA             |                                                                   |
| (62) Divisional to Application Number         | :NA             |                                                                   |
| Filing Date                                   | :NA             |                                                                   |

(57) Abstract :

In an apparatus at a flat card or roller card for grinding a clothing drawn onto a rotating roller, having a carrying device with at least one grinding element and an advancing device serving to set the grinding element against the clothing, wherein the apparatus comprises a biasing device serving for automatically continuing to push forward the grinding element in a contact-making direction during the grinding procedure, the carrying device is attached to the flat card or roller card. In order to make it possible, by means that are simple in terms of construction and installation, to shorten the time until service-readiness for advancing the grinding apparatus and for the grinding procedure, carrying elements adjusted in respect of the spacing relative to the roller are utilised for adjustment of the biasing device.

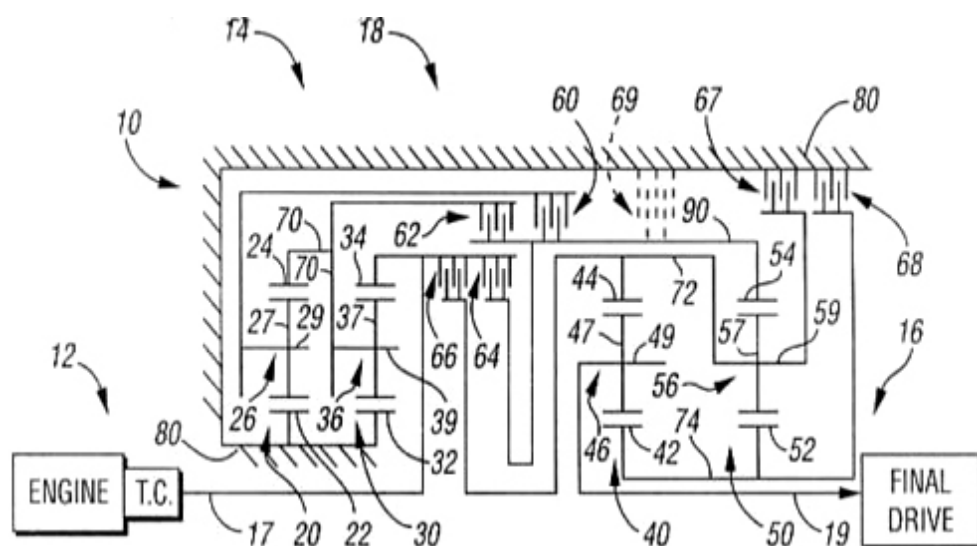


(54) Title of the invention : SEVEN SPEED TRANSMISSIONS WITH ALL POSITIVE ROTATION COMPONENTS IN FORWARD SPEEDS.

|                                               |             |                         |                                            |
|-----------------------------------------------|-------------|-------------------------|--------------------------------------------|
| (51) International classification             | :F16H3/44   | (71)Name of Applicant : | <b>1)GENERAL MOTORS CORPORATION</b>        |
| (31) Priority Document No                     | :11/233,823 | Address of Applicant :  | Mail Code 482-C23-B21, P.O.Box 300 Detroit |
| (32) Priority Date                            | :23/09/2005 | MI 48265-3000 U.S.A.    |                                            |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :  | <b>1)DONALD KLEMEN</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 :

Seven speed transmissions are provided that include four planetary gear sets having six torque-transmitting mechanisms with various fixed interconnections to provide seven forward speed ratios and three reverse speed ratios. The powertrain includes an engine and torque converter that is continuously connected to at least one of the planetary gear members and an output member that is continuously connected with another of the planetary gear members. The six torque-transmitting mechanisms are operated in combinations of two. All components rotating during forward speeds rotate in the same direction. Reduced component speeds and improved ratios are achieved.



(54) Title of the invention : WHEEL FRAME ASSEMBLY

(51) International classification

:B60B1/02;  
B60B1/00

(31) Priority Document No

:094137333

(32) Priority Date

:25/10/2005

(33) Name of priority country

:Chinese  
Taipei

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CHIN-KUANG LUO**

Address of Applicant :5F, NO. 56, Min-Chuan Rd., Chung Dist.

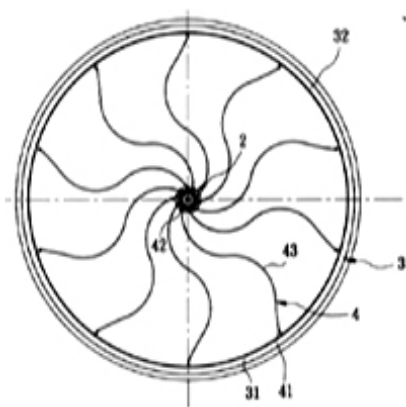
Taichung City Taiwan

(72)Name of Inventor :

**1)CHIN-KUANG LUO**

(57) Abstract :

A wheel frame assembly includes a hub (2) , a rim (3) surrounding the hub (2) , and a plurality of spokes (4) . Each of the spokes (4) extends between the hub (2) and the rim (3) , and has at least one bent section (43) that is compressible and deformable elastically. Therefore, sufficient elastic deformability and shock absorbability can be provided by the wheel frame assembly.



(54) Title of the invention : COTTON CONDITIONER FOR A COTTON HARVESTER

(51) International classification

:A01D46/08;

A01D46/00

(31) Priority Document No

:11/214253

(32) Priority Date

:29/08/2005

(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 :

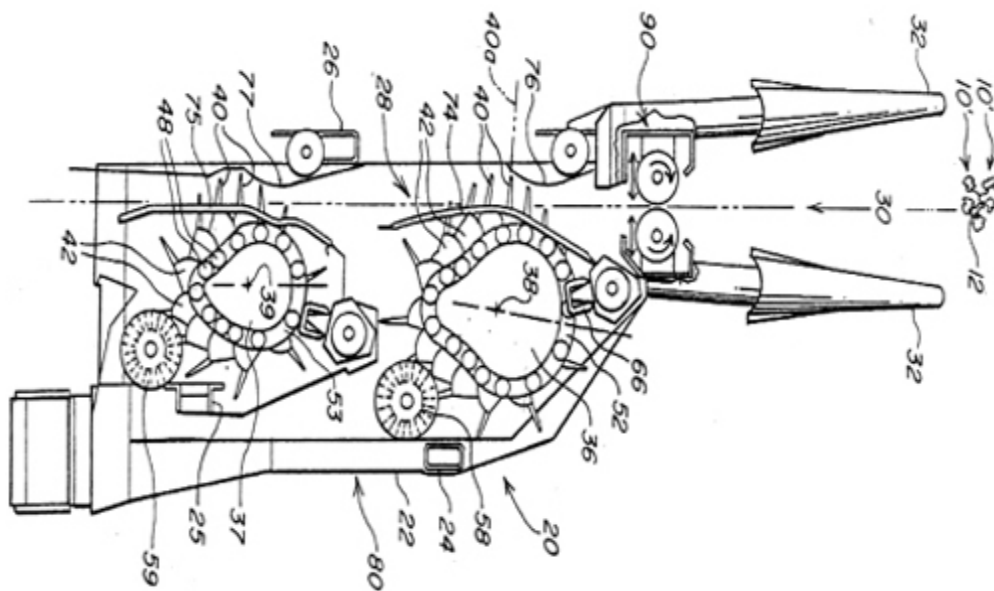
**1)DEERE & COMPANY**Address of Applicant :One John Deere Place Moline, IL 61265-8098  
U.S.A.

(72)Name of Inventor :

**1)Jeffrey R. Fox****2)Mark S. Phillips**

(57) Abstract :

A conditioning mechanism is placed forwardly of the cotton harvesting mechanism on a cotton harvester. Opposing elements compress portions of the cotton plant to compress the cotton bolls and deform the cotton boll hulls. The deformation loosens the cotton fiber relative to the hulls to improve the ability of the harvesting mechanism to harvest the seed and fiber. In one embodiment, differential surface velocity of the opposing elements improves boll opening and fiber orientation for more effective spindle contact.



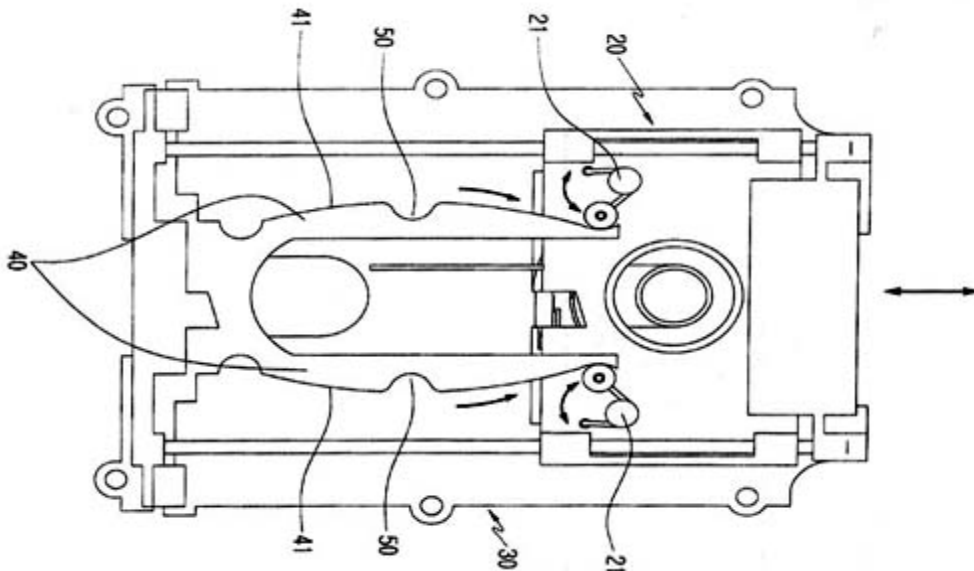


(54) Title of the invention : SLIDING DEVICE FOR PORTABLE TERMINAL.

|                                               |                    |                                                       |
|-----------------------------------------------|--------------------|-------------------------------------------------------|
| (51) International classification             | :H01R13/44         | (71) <b>Name of Applicant :</b>                       |
| (31) Priority Document No                     | :79375/2005        | <b>1)SAMSUNG ELECTRONICS CO., LTD.</b>                |
| (32) Priority Date                            | :29/08/2005        | Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, |
| (33) Name of priority country                 | :Republic of Korea | SUWON-SI, GYEONGGI-DO Republic of Korea               |
| (86) International Application No             | :NA                | (72) <b>Name of Inventor :</b>                        |
| Filing Date                                   | :NA                | <b>1)JONG-YANG KIM</b>                                |
| (87) International Publication No             | : NA               | <b>2)SOO-IK JUNG</b>                                  |
| (61) Patent of Addition to Application Number | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |
| (62) Divisional to Application Number         | :NA                |                                                       |
| Filing Date                                   | :NA                |                                                       |

(57) Abstract :

A sliding device for a portable terminal includes a sliding module capable of sliding a sliding housing in multiple steps. The portable terminal has a body housing, a sliding housing that slides on the body housing while facing the body housing, and a sliding device for enabling the sliding housing to slide on the body housing. The sliding device includes a base member provided with a sliding movement member, a sliding member assembled with the base member so as to slide along a length of the base member semi-automatically, a pair of guide members provided to the sliding member and assembled with the sliding movement member so as to guide the sliding movement of the sliding movement member, and a multiple step movement member formed on the guide members and detachably assembled with the sliding movement member for sliding the sliding member in multiple steps.

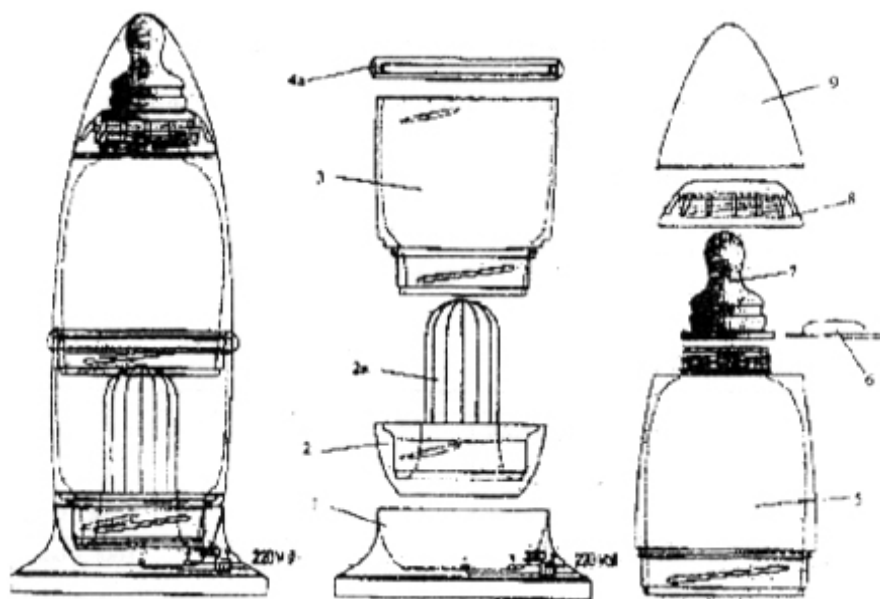


(54) Title of the invention : MODULAR TRANSPORTABLE HEATING DEVICE

|                                               |                         |                                                                     |
|-----------------------------------------------|-------------------------|---------------------------------------------------------------------|
| (51) International classification             | :A61J9/00;<br>A47J36/24 | (71)Name of Applicant :<br><b>1)TEGLBJÄ,,RG,CASPER</b>              |
| (31) Priority Document No                     | :0401476-7              | Address of Applicant :GRÄ-NADAL GÄ,,RD SE-37024 NÄ,,TRABY<br>Sweden |
| (32) Priority Date                            | :08/06/2004             | (72)Name of Inventor :<br><b>1)TEGLBJÄ,,RG,CASPER</b>               |
| (33) Name of priority country                 | :Sweden                 |                                                                     |
| (86) International Application No             | :PCT/SE2005/000874      |                                                                     |
| Filing Date                                   | :07/06/2005             |                                                                     |
| (87) International Publication No             | :WO 2006/001745         |                                                                     |
| (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 during journeys, and at other times when no stationary heating devices such as microwave ovens or hotplates are available, provoking hot foods, liquid or solid, can be problematic. By providing a container with an in-built heating arrangement, the present invention solves the problem. Furthermore, the container is of a modular design. It's parts are easily interchangeable and new configurations for different purposes can be readily put together. Figs illustrate the invention.

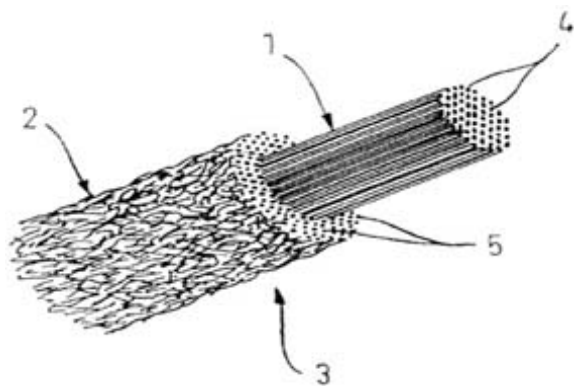


(54) Title of the invention : ELECTRICALLY CONDUCTIVE, ELASTICALLY STRETCHABLE HYBRID YARN, METHOD FOR THE MANUFACTURE THEREOF AND TEXTILE PRODUCT WITH A HYBRID YARN OF THIS KIND

|                                               |                                     |                                                                                                                                              |
|-----------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :D02G3/32;<br>D02G3/02;<br>D02G3/22 | (71)Name of Applicant :<br><b>1)KUFNER TEXTILWERKE GMBH</b><br>Address of Applicant :Irschenhauser Strasse 10-12, D-81379 Munchen<br>Germany |
| (31) Priority Document No                     | :102005041297.1                     | (72)Name of Inventor :<br><b>1)ANDREAS VOIGT</b>                                                                                             |
| (32) Priority Date                            | :31/08/2005                         |                                                                                                                                              |
| (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 electrically conductive, elastically stretchable hybrid yarn (3), in which an elastically stretchable core filament (1) is surrounded by an electrically conductive fiber sheath (2). This results in improved technical properties of a hybrid yarn of this kind in conjunction with a simplified manufacturing method.



## (54) Title of the invention : STATOR SYSTEM

(51) International classification :F04C2/107;  
F04C2/00  
(31) Priority Document No :102005042559.3-  
15  
(32) Priority Date :08/09/2005  
(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)NETZSCH-MOHNOPUMPENGBH**

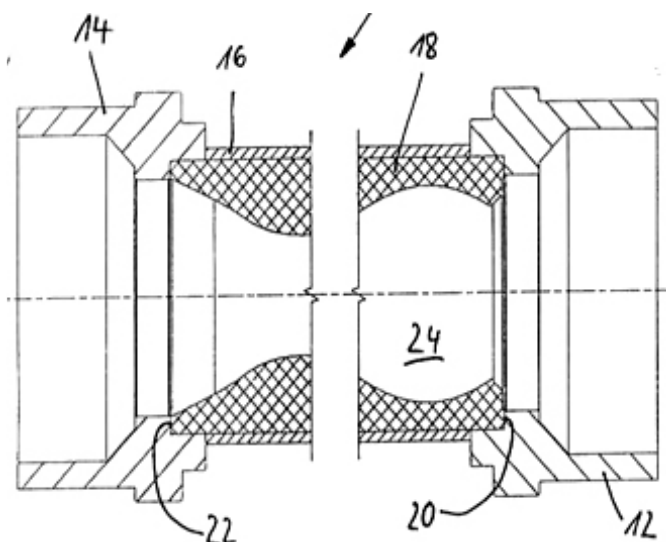
Address of Applicant :Gebruder Netzsch Str.19,D-95100 selb, Germany

## (72)Name of Inventor :

**1)JOHANN KREIDL****2)HISHAM KAMAL****3)MIKAEL TEKNEYAN****4)MICHAEL ROBBY****5)HELMUTH WEBER**

## (57) Abstract :

The invention relates to an eccentric screw pump and a method for its operation. Unlike the previously known prior art, where changes to the internal geometry of the pump stator caused by wear were always remedied with radially acting clamping measures, the invention is based on bringing this about by a change in the length of the lining.

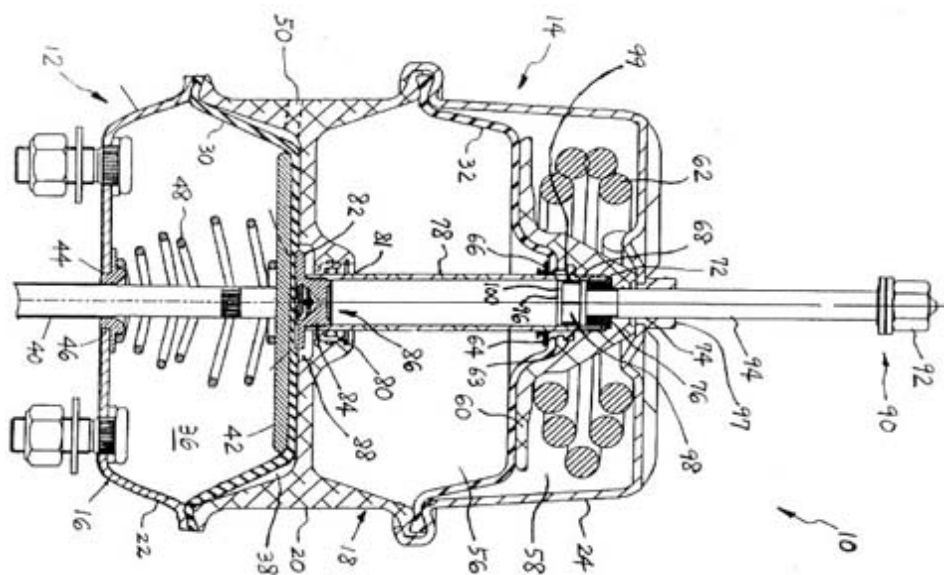


(54) Title of the invention : AIR-OPERATED BRAKE ACTUATOR WITH CONTROL VALVE

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :B60T15/00  | (71)Name of Applicant :                                 |
| (31) Priority Document No                     | :11/218,237 | <b>1)HALDEX BRAKE CORPORATION</b>                       |
| (32) Priority Date                            | :01/09/2005 | Address of Applicant :10930 NORTH POMONA AVENUE, KANSAS |
| (33) Name of priority country                 | :U.S.A.     | CITY, MO 64153 U.S.A.                                   |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                  |
| Filing Date                                   | :NA         | <b>1)FISHER, ALBERT, D</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 air-operated brake actuator system of a vehicle comprises a spring brake actuator and a service brake actuator, the spring brake actuator including a sealed housing with a spring chamber and a pressure chamber, and a hollow actuator rod disposed in the spring brake actuator and axially moveable for applying a parking brake, the service brake actuator including a service pressure chamber for applying a service brake, in which a control valve of the brake actuator system includes a valve body placeable within the hollow actuator rod, the valve body including an opening formed therein for allowing fluid communication between the spring chamber of the spring brake actuator and the service pressure chamber of the service brake actuator through the hollow actuator rod, the control valve including a membrane formed of an elastic material and having a breathing hole formed therethrough, the membrane positioned within the opening of the valve body and configured to seal the opening except the breathing hole when the membrane is not subject to a fluid pressure beyond a threshold level.



(54) Title of the invention : PROCESS FOR PRODUCTION OF AZULENE DERIVATIVES AND INTERMEDIATES FOR THE SYNTHESIS OF THE SAME.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(51) International classification :C07D309/00;<br/>C07C43/00;<br/>C07C49/00</p> <p>(31) Priority Document No :2004-202437</p> <p>(32) Priority Date :08/07/2004</p> <p>(33) Name of priority country :Japan</p> <p>(86) International Application No :PCT/JP2005/012577</p> <p>Filing Date :07/07/2005</p> <p>(87) International Publication No :WO 2006/006496</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p> | <p>(71)Name of Applicant :<br/><b>1)ASTELLAS PHARMA INC.</b><br/>Address of Applicant :A CORPORATION ORGANIZED UNDER THE LAWS OF JAPAN 3-11,NIHONBASHI-HONCHO 2-CHOME,CHOU-KU TOKYO 103-8411 Japan<br/><b>2)KOTOBUKI PHARMACEUTICAL CO.LTD.</b></p> <p>(72)Name of Inventor :<br/><b>1)HIROSHI TOMIYAMA</b><br/><b>2)MASAYUKI YOKOTA</b><br/><b>3)ATSUSHI NODA</b><br/><b>4)YOSHINORI KOBAYASHI</b><br/><b>5)JUNKO OGASAWARA</b><br/><b>6)YASUMASA HAYASHI</b><br/><b>7)MASATOSHI INAKOSHI</b><br/><b>8)HIROFUMI NAKAMURA</b><br/><b>9)TOKUO KOIDE</b><br/><b>10)KENICHIRIO SAKAMOTO`</b><br/><b>11)YOHEI YAMASHITA</b><br/><b>12)AKIO MIYAFUJI</b><br/><b>13)TAKAYUKI SUZUKI</b><br/><b>14)NORIYUKI KAWANO</b><br/><b>15)JUNI MIYATA</b><br/><b>16)MASAKAZU IMAMURA</b><br/><b>17)TAKASHI SUGANE</b></p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## (57) Abstract :

A process for producing an azulene derivative useful as a Na<sup>+</sup>-glucose cotransporter inhibitor, which is high in yield, is simple in operation, is low in cost, is suited for environmental protection, and is advantageous industrially, the process being characterized by reducing and deprotecting at least one compound selected from penta-acyl compounds and tetra-acyl compounds or salts thereof to obtain a C-glycoside compound; and a useful intermediate for synthesis of such an azulene derivative, obtained in the course of the above process.

(54) Title of the invention : CONTINUOUS PRODUCTION METHOD OF WATER-SOLUBLE POLYMER AND WATER SOLUBLE POLYMER

(51) International classification

:C08F2/00;  
C08F220/06

(31) Priority Document No

:2005-  
251515

(32) Priority Date

:31/08/2005

(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 :

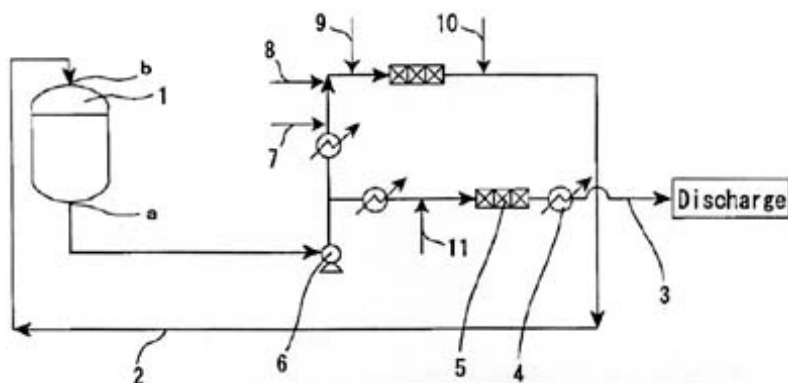
**1)NIPPON SHOKUBAI CO., LTD.**Address of Applicant :1-1, KORAIBASHI 4-CHOME, CHUO-KU,  
OSAKASHI, OSAKA 541-0043 Japan

(72)Name of Inventor :

**1)KOZUKI HIDEKAZU****2)SAKAMOTO NOBORU****3)TSUMORI TAKAHIRO****4)YONEDA ATSURO****5)NAKATANI KAORI****6)WAKAMI HIDEO**

(57) Abstract :

To provide a continuous production method for producing a water-soluble polymer with a narrow molecular weight distribution with high efficiency. A continuous production method of a water-soluble polymer, comprising the steps of: circulating a circulation liquid containing a monomer having a polymerizable unsaturated bond through a reaction apparatus: having a tank and a circulation line comprising a piping circulating outside the tank, and thereby producing a water-soluble polymer continuously; and discharging part of the circulation liquid from a discharge line, wherein the circulation line is provided with a cooling device at least at one position.

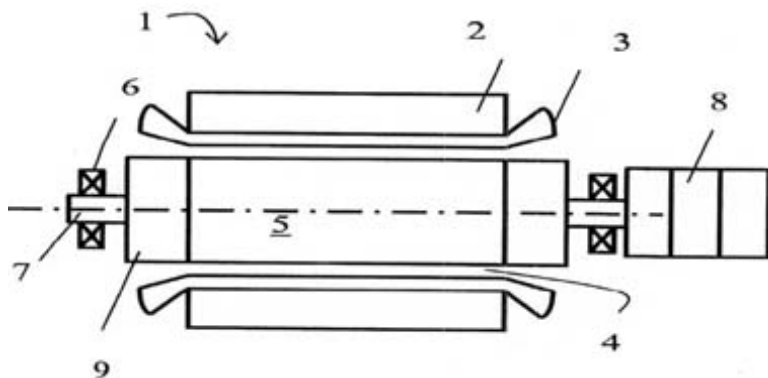


(54) Title of the invention : ROTOR OF AN ELECTRICAL MACHINE

|                                               |             |                                                        |
|-----------------------------------------------|-------------|--------------------------------------------------------|
| (51) International classification             | :H02K3/46   | (71) <b>Name of Applicant :</b>                        |
| (31) Priority Document No                     | :20050875   | <b>1)ABB OY</b>                                        |
| (32) Priority Date                            | :05/09/2005 | Address of Applicant :STROMBERGINTIE 1, 00380 HELSINKI |
| (33) Name of priority country                 | :Finland    | Finland                                                |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                         |
| Filing Date                                   | :NA         | <b>1)SARAMO JARKKO</b>                                 |
| (87) International Publication No             | : NA        | <b>2)TYLLINEN YRJO</b>                                 |
| (61) Patent of Addition to Application Number | :NA         | <b>3)HELLSTEN JUHA</b>                                 |
| Filing Date                                   | :NA         |                                                        |
| (62) Divisional to Application Number         | :NA         |                                                        |
| Filing Date                                   | :NA         |                                                        |

(57) Abstract :

An arrangement in a rotor of an electrical machine; the rotor (5) rotates around its axis of rotation and comprises of, at least, the frame (13) and coils (15), which are projected as coil ends (11). There are protruding beams (17,18) substantially projecting in the direction of the longitudinal axis from the frame (13) outside the outer ring surface (12) formed by the coil ends (11); a binding band (9) is fitted on the protruding beams (17, 18) and a binding band (9) is glideable on the protruding beams (17, 18).



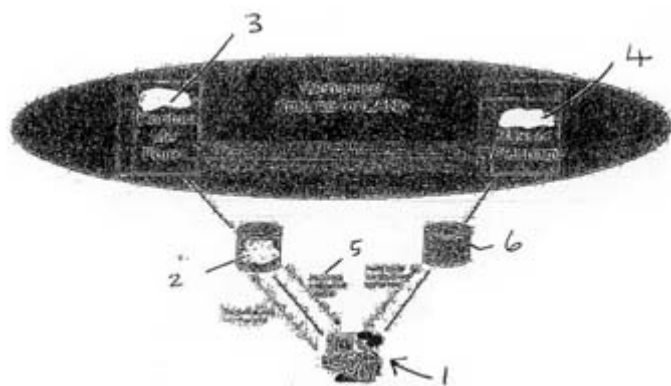


(54) Title of the invention : IMPROVEMENTS IN/OR RELATING TO AN INFORMATION SERVICE

|                                               |                                     |                                                                                                                                   |
|-----------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04M3/42;<br>H04M7/00;<br>H04Q7/38 | (71)Name of Applicant :<br><b>1)AMMAS.COM LIMITED</b><br>Address of Applicant :LEVEL 28,151 QUEEN STREET ,AUCKLAND<br>New Zealand |
| (31) Priority Document No                     | :542178                             | (72)Name of Inventor :                                                                                                            |
| (32) Priority Date                            | :02/09/2005                         | <b>1)FRANKLIN ROBINSON ANDREW</b>                                                                                                 |
| (33) Name of priority country                 | :New<br>Zealand                     |                                                                                                                                   |
| (86) International Application No             | :NA                                 |                                                                                                                                   |
| Filing Date                                   | :NA                                 |                                                                                                                                   |
| (87) 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 consists in an information service comprising a network and material on the network provided by an entity. The network provides or is linked to, a request for information means for submission of a request by the submitter to the entity. Means are provided to optionally provide an inducement to likely submitters or selected subgroup or subgroups of likely submitters to submit a query.



(54) Title of the invention : HOT-CHAMBER DIE CASTING MACHINE

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :B22D17/04      |
| (31) Priority Document No                     | :200520011898.9 |
| (32) Priority Date                            | :01/09/2005     |
| (33) Name of priority country                 | :China          |
| (86) International Application No             | :NA             |
| Filing Date                                   | :NA             |
| (87) International Publication No             | : NA            |
| (61) Patent of Addition to Application Number | :NA             |
| Filing Date                                   | :NA             |
| (62) Divisional to Application Number         | :NA             |
| Filing Date                                   | :NA             |

(71)Name of Applicant :

**1)OSKAR FRECH GMBH & CO. KG.**

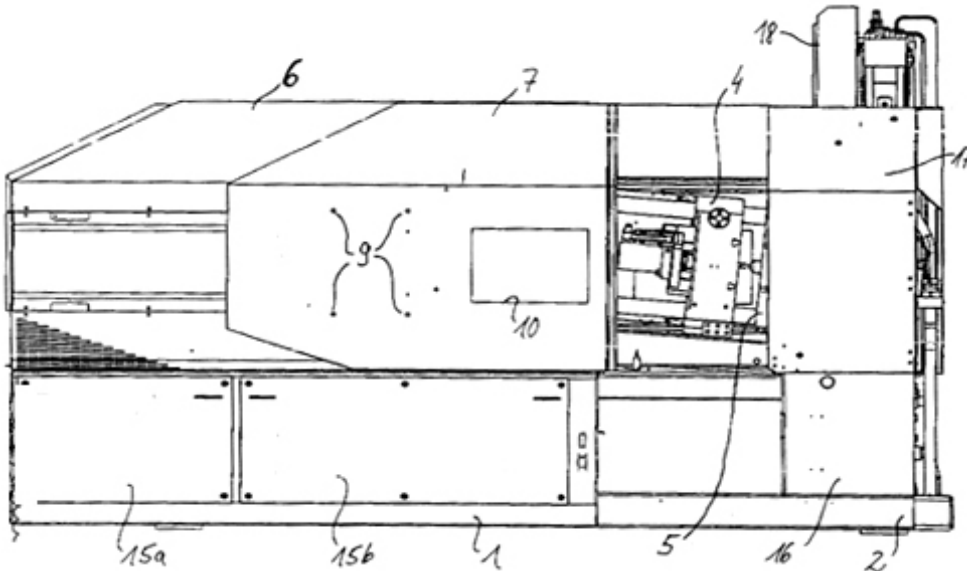
Address of Applicant :Str.32 73614 Schorndorf Germany

(72)Name of Inventor :

**1)Dr.Ing Norbert Erhard****2)Wilhelm Kummerle**

(57) Abstract :

The present invention relates to a hot-chamber die casting machine, comprising a machine frame and a closed mold component mounted on the machine frame. According to the present invention, a hood covering the closed mold component from the top and sides is movably mounted on the machine frame base. According to another aspect of the present invention, a chimney is disposed over a stationary die plate of the closed mold component and/or a melt delivery unit mounted on the machine frame.



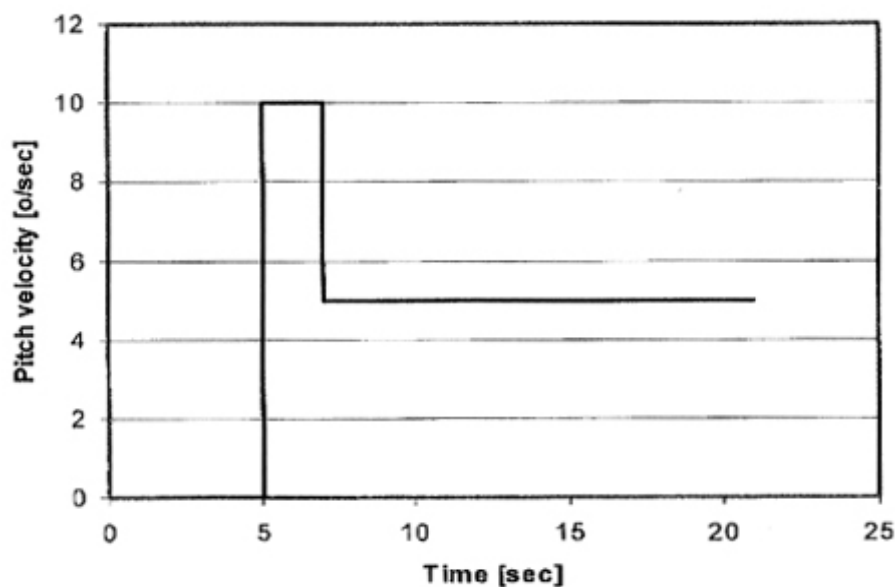
(54) Title of the invention : "METHOD OF CONTROLLING THE PITCH VELOCITY OF A WIND TURBINE BLADE AND CONTROL SYSTEM THEREFOR"

(51) International classification :F03D7/02  
 (31) Priority Document No :NA  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :PCT/DK2004/000512  
 Filing Date :23/07/2004  
 (87) International Publication No :WO 2006/007838  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)VESTAS WIND SYSTEMS A/S**  
 Address of Applicant :SMED SORENSENS VEJ 5, DK-6950  
 RINGKOBING Denmark  
 (72)**Name of Inventor :**  
**1)JEPPESEN OLE MOLGAARD**  
**2)BENGTON JOHN**  
**3)HANSEN TORBEN MOLLER**

(57) Abstract :

A method of controlling at least one wind turbine blade during the stopping process of the rotor in a wind turbine system is disclosed. The method optimizes the control velocity of the process in response to one or more feedback values of the system and/or one or more feedback values from the surroundings of the system by altering the angular pitch velocity from 10°/sec during the initial stage of the stopping process to 5°/sec at the final stage of the stopping process. A control system and a wind turbine as well as use hereof are also disclosed.



(54) Title of the invention : PARALLEL HYBRID TRANSMISSION HAVING A SINGLE MOTOR/GENERATOR

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:11/217,923

(32) Priority Date

:01/09/2005

(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 :

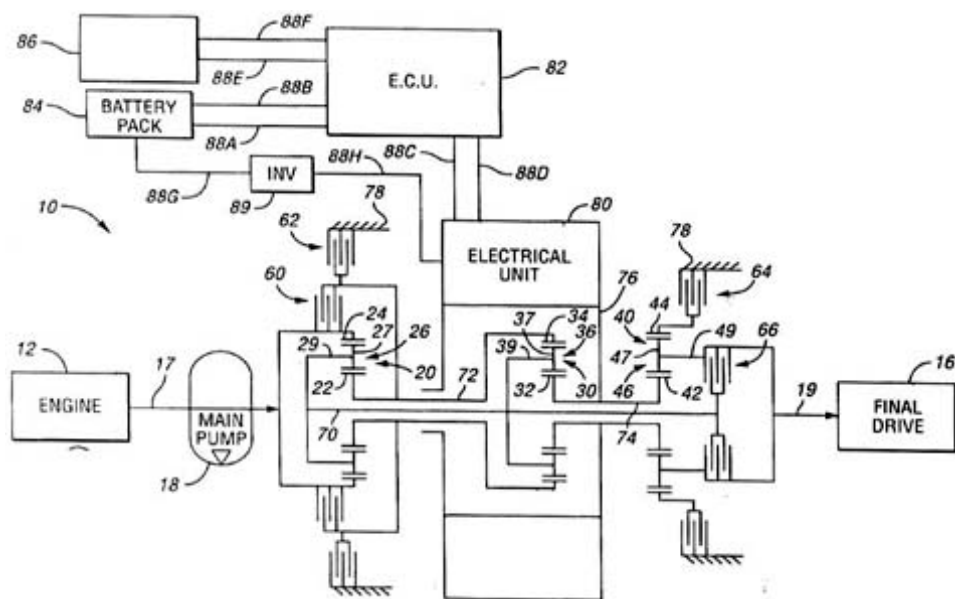
**1)GENERAL MOTORS CORPORATION**Address of Applicant :Mail Code 482-C23-B21, P.O. Box 300 Detroit  
MI 48265-3000 U.S.A.

(72)Name of Inventor :

**1)MICHAEL R. SCHMIDT**

(57) Abstract :

A reduced cost, compact parallel hybrid transmission having only a single motor/generator is provided. The transmission utilizes a reduced number of components, preferably only three interconnecting members and four torque-transmitting mechanisms, to provide a reverse speed mode and seven forward speed modes (i.e., operating states achieved by engagement of a particular torque-transmitting mechanism or torque-transmitting mechanisms, whether encompassing a continuous range of speed ratios or only a fixed speed ratio). At least five of the forward modes are fixed speed ratios.



(54) Title of the invention : METHOD FOR DEMONSTRATING EFFICACY OF A TOPICALLY APPLIED ACTIVE INGREDIENT

|                                               |                                      |                                                                                                                                                                            |
|-----------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G01N33/15;<br>C12Q1/02;<br>C12Q1/04 | (71) <b>Name of Applicant :</b><br><b>1)JOHNSON &amp; JOHNSON CONSUMER COMPANIES,INC</b><br>Address of Applicant :Grandview Road,Skillman New Jersey 08558<br>U.S.A U.S.A. |
| (31) Priority Document No                     | :11/222,887                          | (72) <b>Name of Inventor :</b>                                                                                                                                             |
| (32) Priority Date                            | :09/09/2005                          | <b>1)Michelle Garay</b>                                                                                                                                                    |
| (33) Name of priority country                 | :U.S.A.                              | <b>2)Michael Southall</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 is disclosed for demonstrating the efficacy of a topically applied active ingredient, which method includes topically applying a composition containing an active ingredient to an area of skin, applying an absorbent material to the area of skin to extract at least a portion of the active ingredient from the skin, thereby incorporating the portion of active ingredient with the absorbent material in a releasable manner, removing the absorbent material from the skin, extracting the active ingredient from the absorbent material, combining the extracted active ingredient with cellular growth media, incubating the cellular growth media with cultured cells for a period of time to produce a biomarker, and measuring the biomarker to indicate efficacy of the active ingredient.

(54) Title of the invention : MEDICAL DEVICE.

(51) International classification

:A61M25/00;  
A61M25/00

(31) Priority Document No

:2005-  
268142

(32) Priority Date

:15/09/2005

(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 :

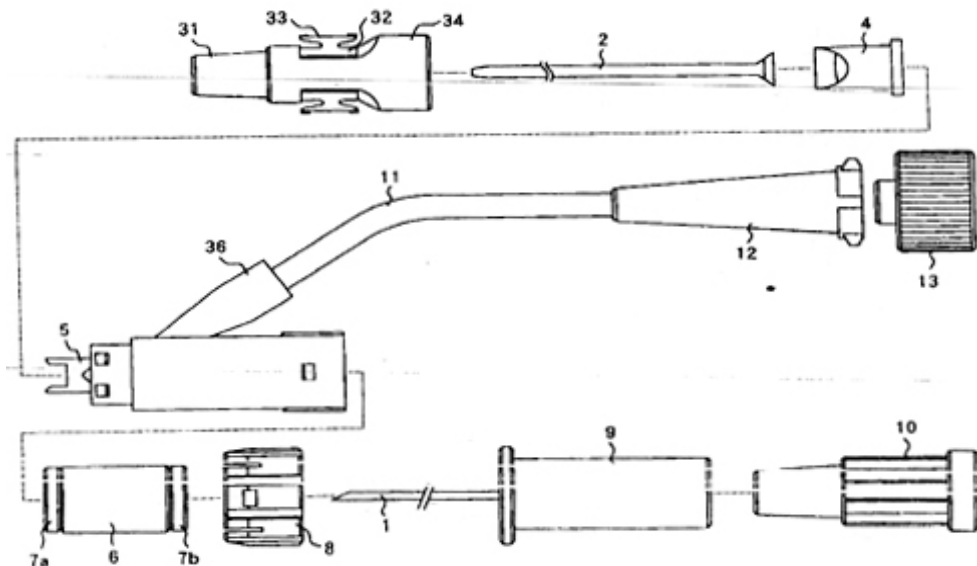
**1)ENOMOTO CO. LTD**Address of Applicant :8154-19 Uenohara Uenohara-city, Yamanashi,  
409-0198, Japan Japan

(72)Name of Inventor :

**1)NOBUO ENOMOTO****2)KAZUO YAMADA****3)YOSHIMICHI OSADA****4)MITSUJI HOSODA****5)KOUKI OHKANDA**

(57) Abstract :

There is provided a medical device, especially an indwelling needle with a branch tube, in which the construction is simple, the operation can be performed easily in a short period of time, and misoperation is less liable to occur, thus a medical accident being less prone to take place. In the medical device, a first case portion fitted with a check valve therein and provided with a flexible portion having a pressing button and a second case portion connecting with the first case portion on the inflow side of the check valve are separate parts. The medical device is characterized by having a branch tube which extends to the side of the second case portion and the interior of which communicates with the hollow portion of the second case portion.

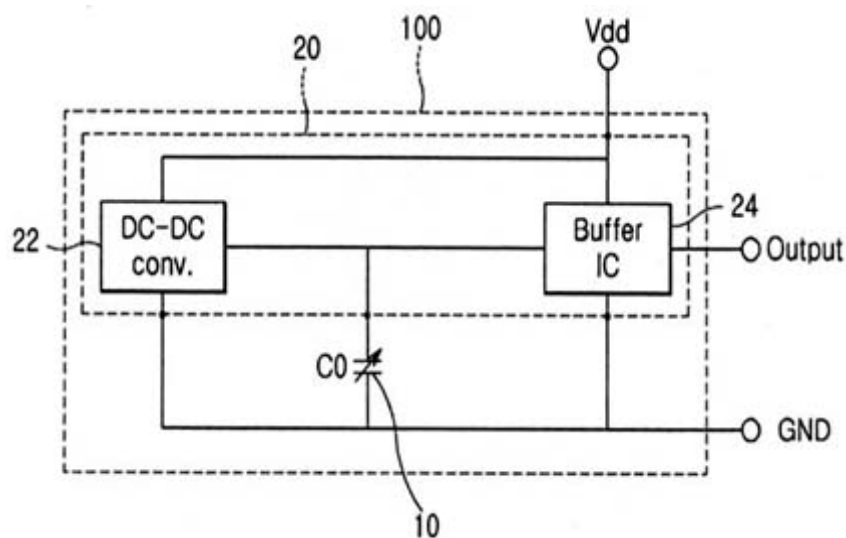


(54) Title of the invention : CONDENSER MICROPHONE AND PACKAGING METHOD FOR THE SAME

|                                               |                                        |                                                                                                                                                                                                |
|-----------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04R19/04;<br>H04R19/00;<br>H04R31/00 | (71) <b>Name of Applicant :</b><br><b>1)BSE CO., LTD.</b><br>Address of Applicant :4 LOT, 58 BLOCK, 626-3, GOJAN-DONG,<br>NAMDONG-GU, INCHEON, 405-817, REPUBLIC OF KOREA Republic<br>of Korea |
| (31) Priority Document No                     | :10-2005-<br>0085839                   | (72) <b>Name of Inventor :</b><br><b>1)SONG, CHUNG-DAM</b>                                                                                                                                     |
| (32) Priority Date                            | :14/09/2005                            |                                                                                                                                                                                                |
| (33) Name of priority country                 | :Republic of<br>Korea                  |                                                                                                                                                                                                |
| (86) International Application No             | :NA                                    |                                                                                                                                                                                                |
| Filing Date                                   | :NA                                    |                                                                                                                                                                                                |
| (87) 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 are a silicone based condenser microphone comprising: a metal case which is a sound hole; a board which is mounted with a MEMS microphone chip and an ASIC chip having a electric voltage pump and a buffer IC and is formed with a connecting pattern for joining with the metal case; a fixing means for fixing the metal case to the board; and an adhesive for applying to the whole part where the metal case fixed to the board by the fixing means is joined with the board to bond the metal case to the board. Therefore, the metal case is tack-welded to the board by the laser to fix the case to the board and then bonds the case to the board with the adhesive, thereby decreasing an inferiority ratio and strengthening a joining force and thus enhancing a mechanical firmness and highly resisting noise from the outside.



(54) Title of the invention : COIL TERMINAL ASSEMBLY FOR MAGNETIC CONTACTOR.

(51) International classification

:H01R4/36;  
H01R4/28

(31) Priority Document No

:85351/2005

(32) Priority Date

:13/09/2005

(33) Name of priority country

:Republic of  
Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

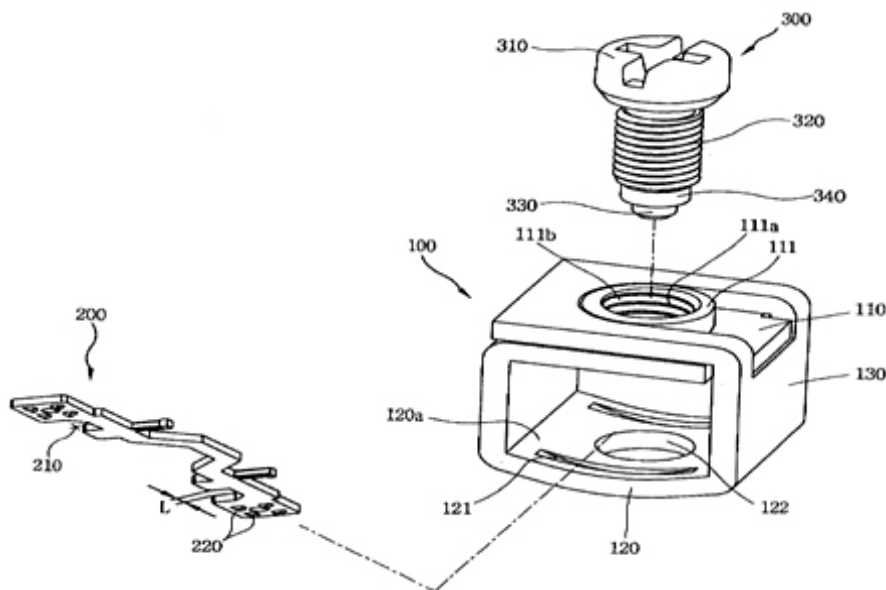
**1)LS INDUSTRIAL SYSTEMS CO., LTD.**Address of Applicant :84-11,5GA, NAMDAEMUN-RO,JUNG-GU,  
SEOUL Republic of Korea

(72)Name of Inventor :

**1)KIM JUN-HO****2)CONGY CHRISTIAN****3)MARTINEZ SERGE****4)POINTEAU PHILIPPE****5)RINALDI-CARMONA MURISLLE**

(57) Abstract :

A coil terminal assembly for a magnetic contactor comprises: a coil terminal connected to the coil and electrically connected to an external wire, for magnetizing the coil thereby driving the movable contact; a connection supporting member having a top portion having a threaded screw connection portion, a body portion having an opening through which the coil terminal and the external wire are inserted and providing a space in which the coil terminal and the external wire are electrically connected to each other, and a bottom portion formed as a concave surface inclined towards a center portion, the connection supporting member movable to a position for pressurizing the external wire so as to maintain an electrical connection between the external wire and the coil terminal, and movable to a position for separating the external wire from the coil terminal; and a driving screw having a threaded surface meshed with the screw connection portion, for driving the connection supporting member along the threaded surface.





(54) Title of the invention : "A METHOD FOR RECOVERING PEPTIDES/AMINO ACIDS AND OIL/FAT FROM A PROTEIN-CONTAINING RAW MATERIAL"

(51) International classification :A23J 1/00  
 (31) Priority Document No :20023601  
 (32) Priority Date :29/07/2002  
 (33) Name of priority country :Norway  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No :WO/2004/021797  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :  
 Filed on :190/KOLNP/2005  
 :15/02/2005

(71)Name of Applicant :

**1)AMINOTECH AS**

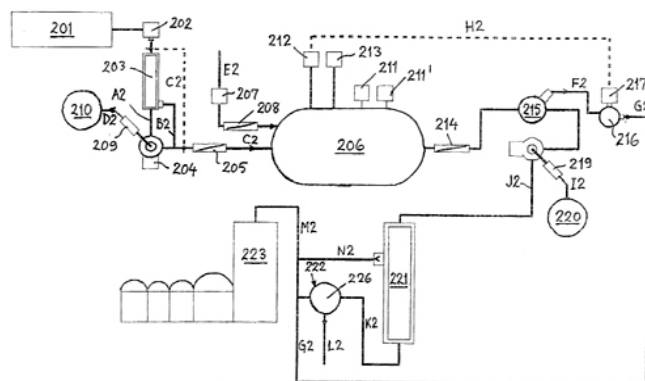
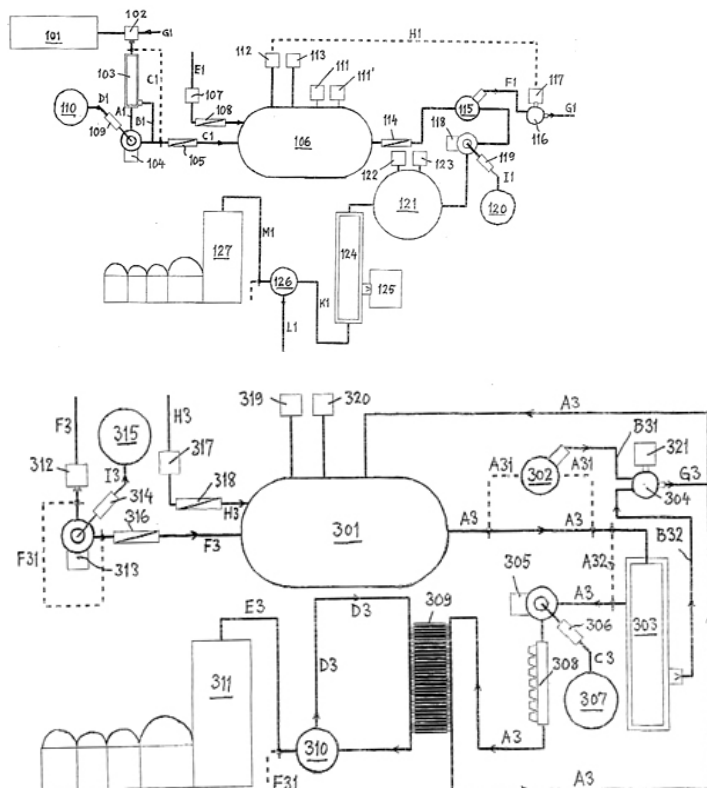
Address of Applicant :N-2665 LESJA,NORWAY Norway

(72)Name of Inventor :

**1)CARLSSON TOMAS**

(57) Abstract :

The present invention discloses a method for recovering peptides/amino acids and oil/fat from a protein-containing raw material such as here in described, characterised in that it comprises the following steps: a. grinding the raw materials; b. heating the ground raw materials to temperatures in the range of 40- 62°C, preferably 45-58°C; c. optionally before and/or after the heating step, separating oil/fat from the raw materials in order to obtain a first oil product; d. adding water which has approximately the same or the same temperature as the raw materials, and wherein the pH of the water is adjusted to 7.0-8.5 by adding calcium; e. hydrolysing the raw materials with endogenous enzymes in order to prepare a hydrolysate; f. optionally during the hydrolysis step, adding a pH adjuster such as herein described in order to maintain the desired pH value 7.0-8.5 of the hydrolysate; g. removing in a manner such as herein described solid particles and non- hydrolysed proteins which can be returned to the hydrolysis from the hydrolysate; h. periodically or continually separating off fat/oil in a manner such as herein described in order to obtain a second oil product; i. optionally treating the hydrolysate against microorganism growth, preferably with UV treatment; j. separating off the molecular weight fraction of peptides/amino acids desired by membrane filtration, preferably of crossflow type; k. routing the portions of the hydrolysate that do not penetrate the membrane filter in step j back to the hydrolysis in step e; l. concentrating and optionally drying the permeate in order to obtain peptides/amino acids; and m. wholly or partly returning the distillate from the concentration to the permeate side of the membrane filter.

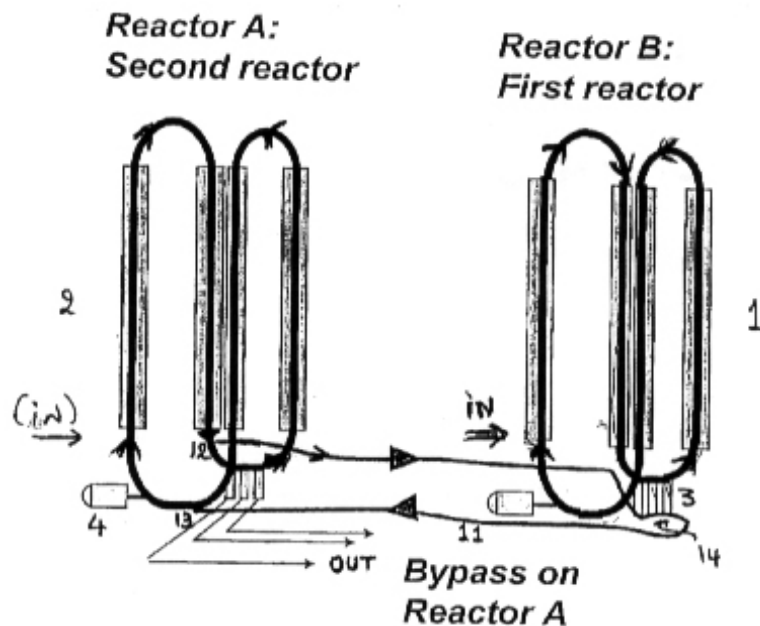


(54) Title of the invention : "POLYMERIZATION REACTORS WITH A BY-PASS LINE"

|                                               |                    |                                                           |
|-----------------------------------------------|--------------------|-----------------------------------------------------------|
| (51) International classification             | :B01J 19/24        | (71) <b>Name of Applicant :</b>                           |
| (31) Priority Document No                     | :04103110.5        | <b>1)TOTAL PETROCHEMICALS RESEARCH FELUY</b>              |
| (32) Priority Date                            | :01/07/2004        | Address of Applicant :ZONE INDUSTRIELLE C, B-7181 SENEFFE |
| (33) Name of priority country                 | :EUROPEAN UNION    | (FELUY) BELGIUM Belgium                                   |
| (86) International Application No             | :PCT/EP2005/053025 | (72) <b>Name of Inventor :</b>                            |
| Filing Date                                   | :28/06/2005        | <b>1)FOUARGE LOUIS</b>                                    |
| (87) International Publication No             | :WO 2006/003144    | <b>2)DAVIDTS SANDRA</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 slurry loop reactor having at least two loops (1,2) and comprising a by-pass line (11) connecting two points (12, 13) of the same loop reactor by an alternate route having a different transit time than that of the main route, said by-pass line also collecting the growing polymer of a first loop reactor (1) and sending said growing polymer to an entry point (13) in a second reactor(2).

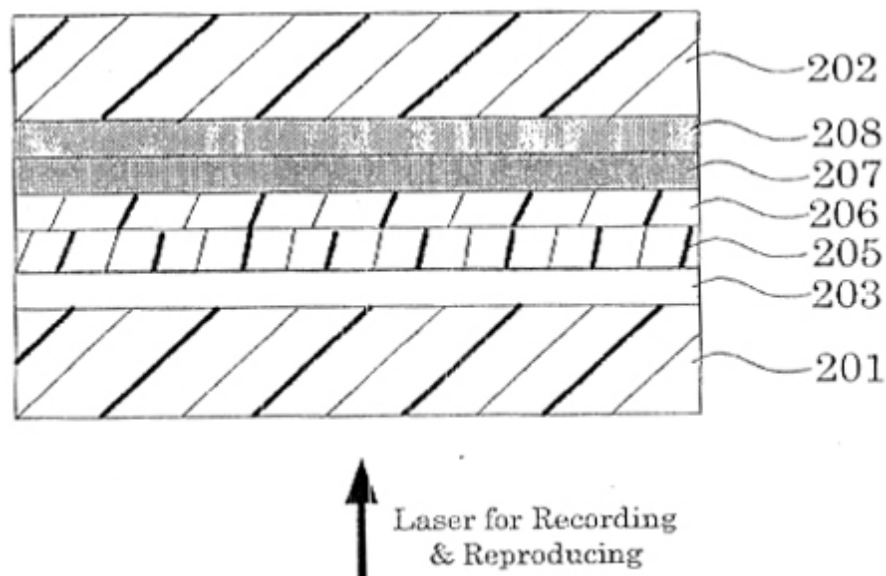


(54) Title of the invention : "OPTICAL RECORDING MEDIUM, RECORDING AND REPRODUCING METHOD THEREOF, AND OPTICAL RECORDING APPARATUS"

|                                               |                        |                                                          |
|-----------------------------------------------|------------------------|----------------------------------------------------------|
| (51) International classification             | :B41M<br>5/26,G11B7/24 | (71)Name of Applicant :                                  |
| (31) Priority Document No                     | :2004-193576           | <b>1)RICOH COMPANY, LTD.</b>                             |
| (32) Priority Date                            | :30/06/2004            | Address of Applicant :3-6, NAKAMAGOME, 1-CHOME, OHTA-KU, |
| (33) Name of priority country                 | :Japan                 | TOKYO 143-8555 Japan                                     |
| (86) International Application No             | :PCT/JP2005/012523     | <b>2)KYOWA HAKKO CHEMICAL CO., LTD.</b>                  |
| Filing Date                                   | :30/06/2005            | (72)Name of Inventor :                                   |
| (87) International Publication No             | :WO 2006/004172        | <b>1)YASHIRO, TOHRU</b>                                  |
| (61) Patent of Addition to Application Number | :NA                    | <b>2)NAKAMURA, YUKI</b>                                  |
| Filing Date                                   | :NA                    | <b>3)MIKAMI, TATSUO</b>                                  |
| (62) Divisional to Application Number         | :NA                    | <b>4)SHIMIZU, IKUO</b>                                   |
| Filing Date                                   | :NA                    | <b>5)KINUGASA, MOTOHARU</b>                              |
|                                               |                        | <b>6)TOYODA, HIROSHI</b>                                 |

(57) Abstract :

The present invention relates to an optical recording medium containing a first substrate, a first information layer, an intermediate layer, a second information layer and a second substrate in this order, wherein the first information layer contains a first recording layer disposed on the first substrate and the second information layer contains a reflective layer, a second recording layer containing an organic dye and a protective layer which are disposed on the second substrate in this order; and the second recording layer contains an organic dye which is at least one selected from the group consisting of the specified squarylium metal chelate compounds.

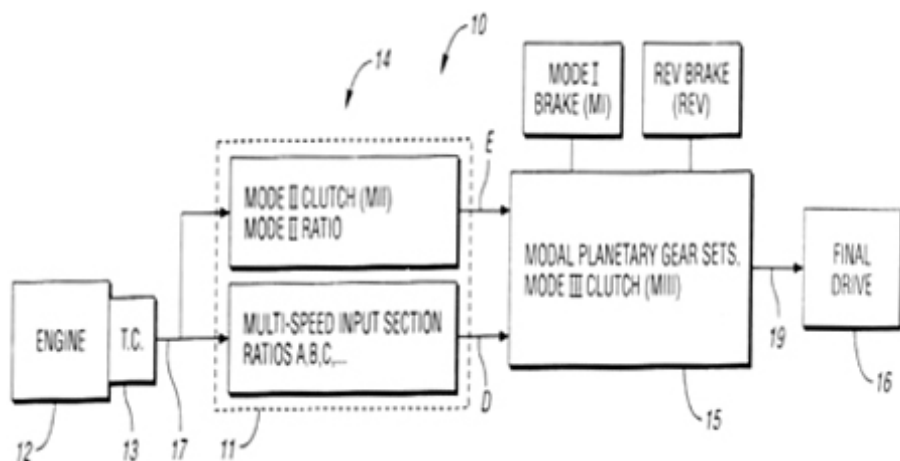


(54) Title of the invention : THREE MODE, MULTI-SPEED TRANSMISSION

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :F16H3/44   | (71) <b>Name of Applicant :</b>                                  |
| (31) Priority Document No                     | :11/260,875 | <b>1)GENERAL MOTORS COMPORATION</b>                              |
| (32) Priority Date                            | :27/10/2005 | Address of Applicant :Legal Staff Mail Code 482-C23-B21, P.O.BOX |
| (33) Name of priority country                 | :U.S.A.     | 300 Detroit MI 48265-3000 U.S.A.                                 |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                   |
| Filing Date                                   | :NA         | <b>1)DONALD KLEMEN</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 automatic transmission providing modal speed ratios, single transition gear shifting, low internal speeds, and an output lock feature is provided. First, second and third modal torque-transmitting mechanisms are selectively engagable along with first and second input torque-transmitting mechanisms to effect power flow to first and second planetary gear set to cause the speed of a member of one of the gear sets to increase in the first mode (when the first and second input torque-transmitting mechanisms are engaged in successive order while the first modal torque-transmitting mechanism is engaged), decrease in the second mode (when the first and second input torque-transmitting mechanisms are engaged in reverse order while the second modal torque-transmitting mechanism is engaged) and increase in the third mode (when the first and second input torque-transmitting mechanisms are engaged in successive order while the third modal torque-transmitting mechanism is engaged).

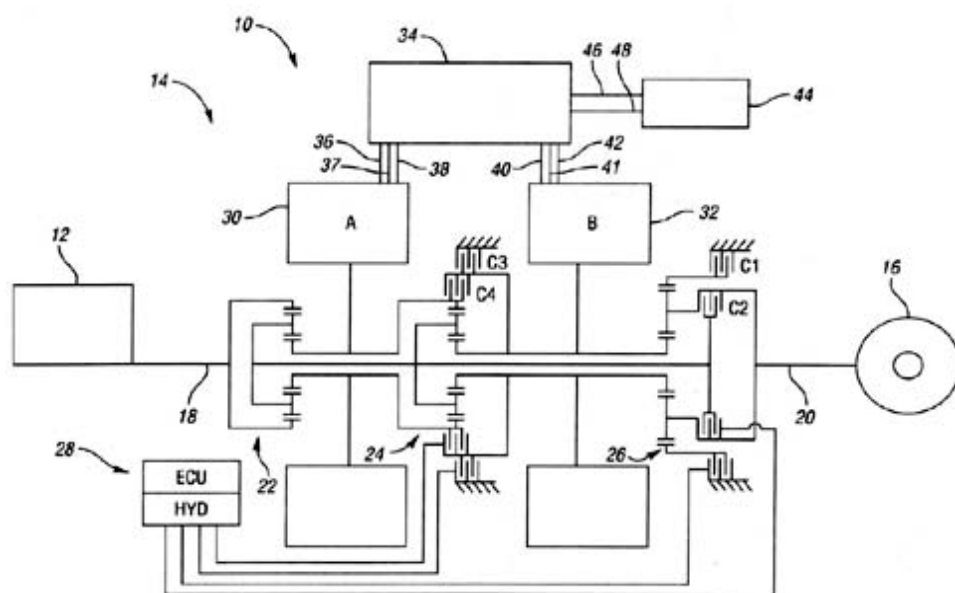


(54) Title of the invention : MULTIPLEXED PRESSURE SWITCH SYSTEM FOR AN ELECTRICALLY VARIABLE HYBRID TRANSMISSION

|                                               |             |                                                                 |
|-----------------------------------------------|-------------|-----------------------------------------------------------------|
| (51) International classification             | :F16H31/00  | (71)Name of Applicant :                                         |
| (31) Priority Document No                     | :11/263,216 | <b>1)GENERAL MOTORS COMPORATION</b>                             |
| (32) Priority Date                            | :31/10/2005 | Address of Applicant :Legal Staff Mail Code 482-C23-B21 P.O.BOX |
| (33) Name of priority country                 | :U.S.A.     | 300 Detroit MI 48265-3000 U.S.A.                                |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                          |
| Filing Date                                   | :NA         | <b>1)MICHAEL D. FOSTER</b>                                      |
| (87) International Publication No             | : NA        | <b>2)CHARLES F. LONG</b>                                        |
| (61) Patent of Addition to Application Number | :NA         |                                                                 |
| Filing Date                                   | :NA         |                                                                 |
| (62) Divisional to Application Number         | :NA         |                                                                 |
| Filing Date                                   | :NA         |                                                                 |

## (57) Abstract :

A powertrain has an electrically variable hybrid transmission having an electro-hydraulic control system, plurality of electrical power units, and a plurality of torque transmitting mechanisms selectively engageable by the electro-hydraulic control system to provide four forward speed ranges, a neutral condition, an electric low speed mode, an electrically variable low and high speed mode, and two electrical power off drive home modes. The electro-hydraulic control system includes a multiplexed pressure switch system. The multiplexed pressure switch system of the present invention allows position detection of five torque transmitting mechanism control valves through the use of only four pressure switches.



(54) Title of the invention : VEHICLE SPEED CONTROL SYSTEM

(51) International classification :B60G17/016  
 (31) Priority Document No :11/263,245  
 (32) Priority Date :31/10/2005  
 (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 :

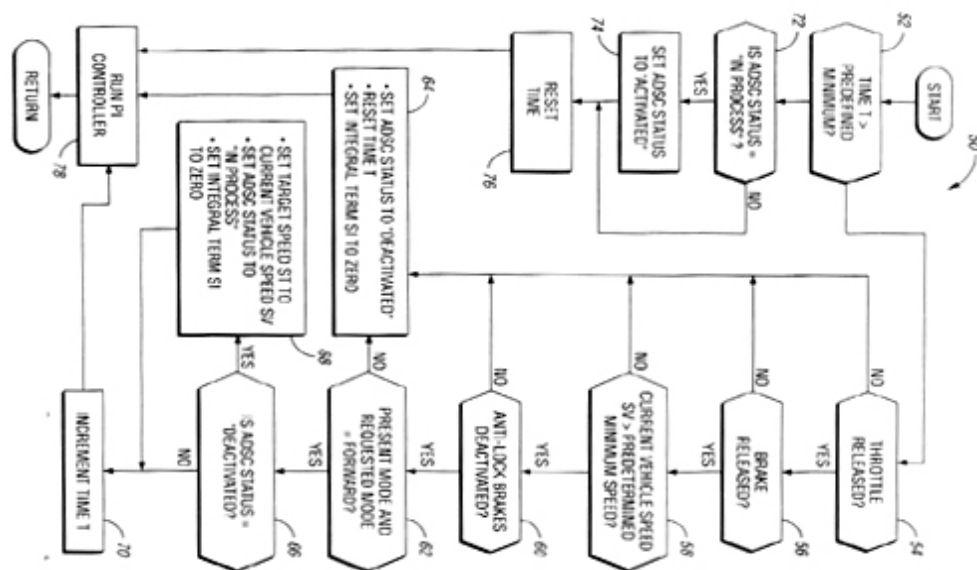
**1)GENERAL MOTORS CORPORATION**Address of Applicant :Legal Staff Mail Code 482-C23-B21, P.O.BOX  
300 Detroit MI 48265-3000 U.S.A.

(72)Name of Inventor :

**1)FEREYDOON JAMZADEH**

(57) Abstract :

The present invention provides a method for automatic downhill speed control or ADSC adapted to automatically absorb grade-induced energy so that the vehicle operator is no longer required to take action to maintain generally constant vehicle speed. ADSC is preferably triggered if the throttle is released and the vehicle accelerates. The specific amount of throttle release necessary to trigger ADSC is variable but may, according to a preferred embodiment, be set at 85% throttle reduction. According to another preferred embodiment, ADSC is not triggered unless the throttle is released for a predetermined amount of time such as, for example, 5 seconds.

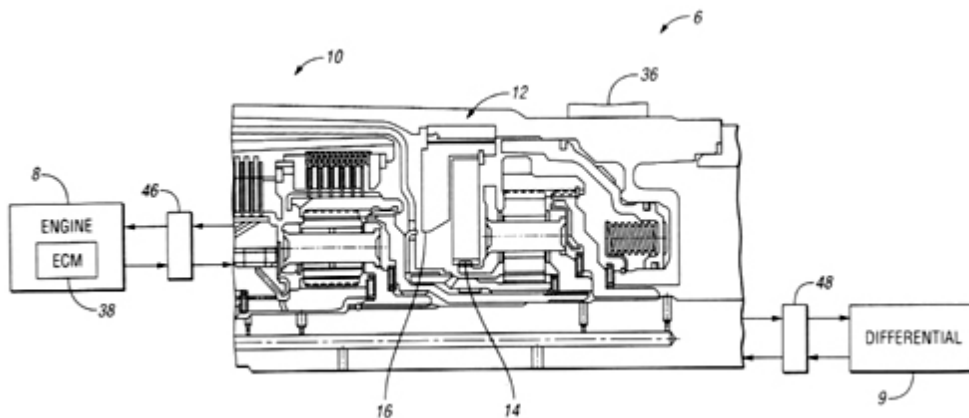


(54) Title of the invention : SELECTABLE ONE-WAY CLUTCH CONTROL

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :B60W10/02  | (71) <b>Name of Applicant :</b>                                  |
| (31) Priority Document No                     | :11/263,179 | <b>1)GM GLOBAL TECHNOLOGY OPERATIONS,INC</b>                     |
| (32) Priority Date                            | :31/10/2005 | Address of Applicant :300 GM Renaissance Center Detroit Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                   |
| Filing Date                                   | :NA         | <b>1)JOEL M. MAGUIRE</b>                                         |
| (87) International Publication No             | : NA        | <b>2)SCOTT H. WITTKOPP</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 method for controlling a selectable one-way clutch, or SOWC, such that engine braking is enabled. Additionally, the method of the present invention is adapted to provide engine braking using the SOWC such that a separate clutch is not required. The method is initiated by identifying a downshift command. After the downshift command has been identified, the off-going clutch associated with the current speed ratio is released. Engine speed is preferably increased to bring the relative speed across a selectable one-way clutch to approximately zero. Thereafter, the selectable one-way clutch is engaged such that is capable of holding torque in both directions. As the selectable one-way clutch can hold torque in both directions, torque is transmittable from the transmission to the engine and engine braking is thereby enabled.

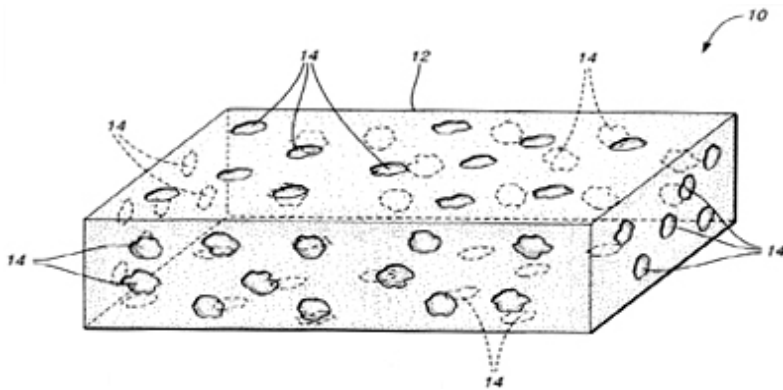


(54) Title of the invention : POWDERED METAL MAGNETIC FILTER AND METHOD FOR MANUFACTURING SAME

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :C02F1/48   | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/263,244 | <b>1)GM GLOBAL TECHNOLOGY OPERATION,INC</b>                      |
| (32) Priority Date                            | :31/10/2005 | Address of Applicant :300 GM Renaissance Center Detroit,Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA         | <b>1)SHUN X. ZHANG</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 fluid filter comprising a magnetic substrate configured to allow passage of fluid therethrough, with the substrate manufactured from sintered powdered metal. Preferably, the filter has a porosity of at least 10%, and a magnetic flux density of at least 5 gauss. The substrate may include iron, aluminum, barium, cerium, cobalt, chromium, molybdenum, nickel, oxygen, praseodymium, platinum, samarium, and/or strontium. The present invention also provides a method of manufacturing a fluid filter by sintering powdered metal to form a magnetic substrate configured to allow passage of fluid therethrough. The method may further include shaping the magnetic substrate for use within a desired application.





(12) PATENT APPLICATION PUBLICATION

(21) Application No.909/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :08/09/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPOSITIONS FOR INHIBITING OR REDUCING INFLAMMATION OF SKIN

|                                               |             |                                                                 |
|-----------------------------------------------|-------------|-----------------------------------------------------------------|
| (51) International classification             | :A61K36/899 | (71) <b>Name of Applicant :</b>                                 |
| (31) Priority Document No                     | :11/222,888 | <b>1)JOHNSON&amp; JOHNSON CONSUMER COMPANIES,INC</b>            |
| (32) Priority Date                            | :09/09/2005 | Address of Applicant :Grandview Road,Skillman, New Jersey 08558 |
| (33) Name of priority country                 | :U.S.A.     | U.S.A.                                                          |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                  |
| Filing Date                                   | :NA         | <b>1)LAURA MAGEE</b>                                            |
| (87) International Publication No             | : NA        | <b>2)FRANK LIEBEL</b>                                           |
| (61) Patent of Addition to Application Number | :NA         | <b>3)MICHAEL SOUTHALL</b>                                       |
| Filing Date                                   | :NA         |                                                                 |
| (62) Divisional to Application Number         | :NA         |                                                                 |
| Filing Date                                   | :NA         |                                                                 |

(57) Abstract :

The invention features a composition and methods for treating inflammation of skin, where the composition contains hydrocortisone and an avenanthramide.

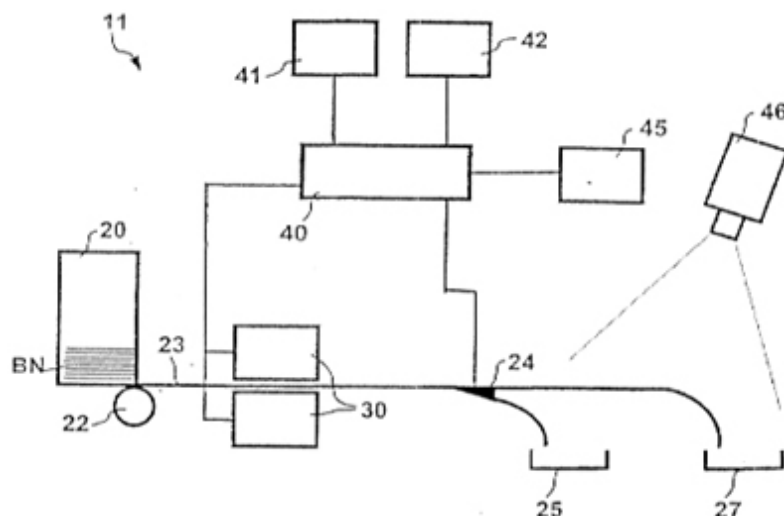
(54) Title of the invention : "METHOD FOR IDENTIFYING BANKNOTES ORIGIN"

(51) International classification :G07D11/00;  
G07D7/00;  
G07F19/00  
(31) Priority Document No :102004033092.1  
(32) Priority Date :08/07/2004  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2005/007201  
Filing Date :04/07/2005  
(87) International Publication No :WO 2006/005475  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)GIESECKE & DEVRIENT GMBH**  
Address of Applicant :PRINZREGENTENSTRASSE 159,  
81677,MUNCHEN Germany  
(72)**Name of Inventor :**  
**1)RAPF,WOLFGANG**  
**2)SCHMALZ,STEFFEN**  
**3)STEIDL,HELMUT**  
**4)STEIN,DIETER**  
**5)SU,SHANCHUAN**

(57) Abstract :

The invention relates to a method for verifying the origin of bank notes from an automatic teller. In the inventive method for verifying the origin of bank notes, in particular forgeries, from an automatic teller, data characterizing bank notes to be paid out or already paid out from a sensor device for checking the bank notes to be paid out or already paid out for authenticity and/or type and/or state are detected, the data of the bank notes to be paid out or already paid out are stored, check data are generated by means of the sensor device for each bank note whose origin is to be verified, whereby the check data of the bank note to be verified are compared with the stored data of the paid out bank notes and the paid out bank note is ascertained whose stored data have the greatest match to the check data of the bank note to be verified, and the verification of origin for the bank note to be verified from the automatic teller is regarded as furnished if the match exceeds a given threshold value.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :08/09/2006

(43) Publication Date : 29/06/2007

(54) Title of the invention : COMPOSITIONS FOR INHIBITING OR REDUCING INFLAMMATION OF SKIN

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :A61K31/00  | (71) <b>Name of Applicant :</b>                                  |
| (31) Priority Document No                     | :60/715,647 | <b>1)JOHNSON&amp; JOHNSON CONSUMER COMPANIES,INC</b>             |
| (32) Priority Date                            | :09/09/2005 | Address of Applicant :Grandview Road ,Skillman, New Jersey 08558 |
| (33) Name of priority country                 | :U.S.A.     | U.S.A.                                                           |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                   |
| Filing Date                                   | :NA         | <b>1)Laura Magee</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 includes compositions suitable for removal of urushiol from skin having been exposed thereto, which compositions contain an ethoxylate and sodium lauroyl sarcosinate, methods for treating allergic dermatitis of skin having been exposed to urushiol, and kits suitable for treatment of allergic dermatitis.

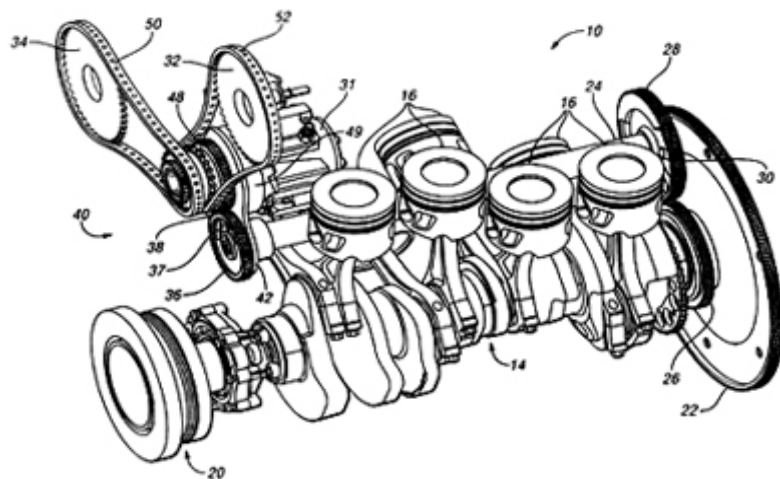
(54) Title of the invention : DRIVE PLATE ASSEMBLY AND METHOD OF ASSEMBLING A POWERTRAIN

(51) International classification :B23Q7/02  
 (31) Priority Document No :60/716,593  
 (32) Priority Date :13/09/2005  
 (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)GM GLOBAL TECHNOLOGY OPERATIONS,INC.**  
 Address of Applicant :300 GM Renaissance Center, Detroit,Michigan  
 48265-3000 U.S.A.  
 (72)**Name of Inventor :**  
**1)EDWARD R. ROMBLOM**

(57) Abstract :

A drive plate assembly includes a plate member adapted for mounting to an engine block. The plate member has first and second gears mounted thereto such that they intermesh. The backlash of the gears is predetermined by mounting to the plate member and unaffected by mounting the plate member to the engine block. A method of assembling a powertrain is also provided.

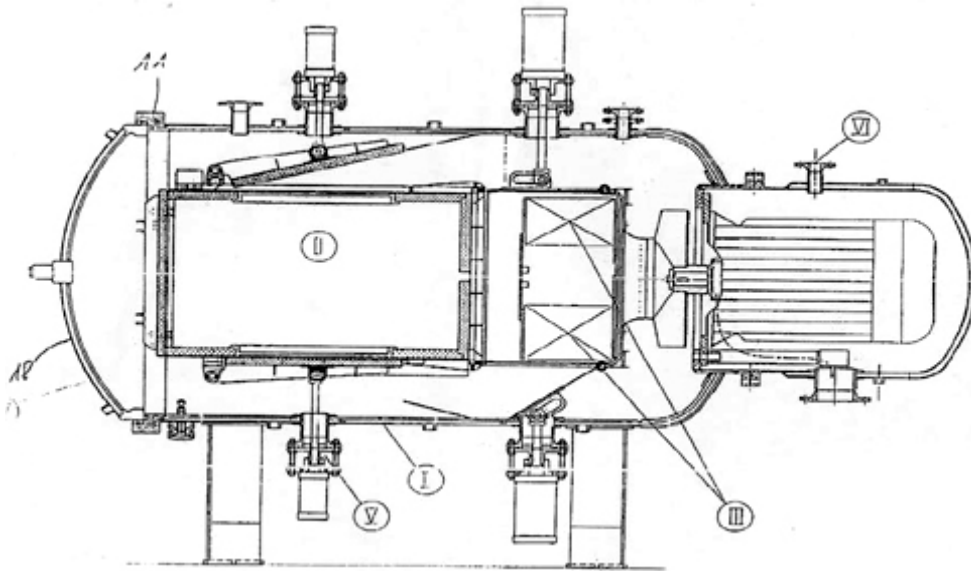


(54) Title of the invention : SINGLE-CHAMBER VACUUM FURNACE WITH HYDROGEN QUENCHING

|                                               |                 |                                                                      |
|-----------------------------------------------|-----------------|----------------------------------------------------------------------|
| (51) International classification             | :C21D1/74       | (71)Name of Applicant :                                              |
| (31) Priority Document No                     | :102005045783.5 | <b>1)SISTEM TEKNIK ENDUSTRIYEL ELEKTRONIK SIS.SAN.VE TIC,LTD,STL</b> |
| (32) Priority Date                            | :23/09/2005     | Address of Applicant :Des sanayi sitesi,102,sk.,B06 Blok 81260       |
| (33) Name of priority country                 | :Germany        | Dudullu,Istanbul, Turkey                                             |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                               |
| Filing Date                                   | :NA             | <b>1)Peter SCHMETZ</b>                                               |
| (87) International Publication No             | : NA            | <b>2)Mehmet OZDELISK</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 operating a hardening furnace with hydrogen cooling, with the following method steps: filling the furnace interior with workpieces; sealing the furnace interior, evacuating the furnace interior; filling the furnace interior with a protective gas, convective heating of the workpieces with circulation of the protective gas, evacuating the furnace interior, further heating of the workpieces by radiant heating and maintaining a theoretical temperature, switching off the heating, filling the furnace interior with hydrogen under high pressure, and circulating the hydrogen for cooling the workpieces, evacuating the furnace interior, filling the furnace interior with a protective gas up to approximately atmospheric pressure, opening the furnace and unloading the workpieces.

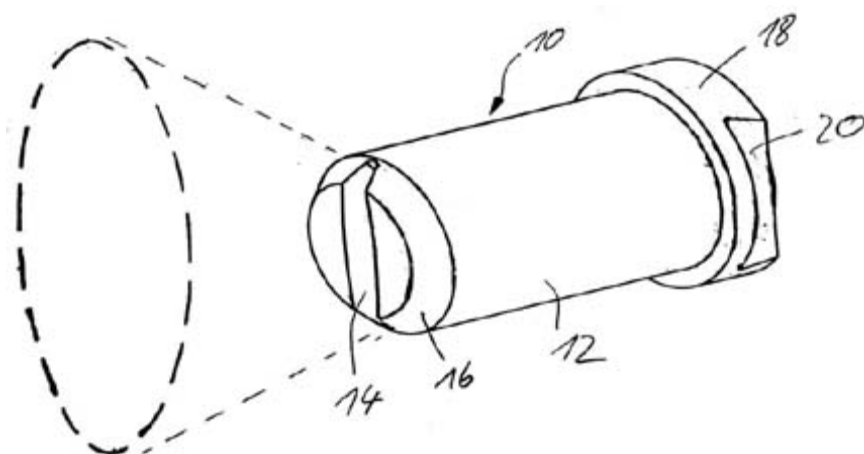


(54) Title of the invention : SOLID CONE SPRAY NOZZLE

|                                               |             |                                                                 |
|-----------------------------------------------|-------------|-----------------------------------------------------------------|
| (51) International classification             | :B05B1/00   | (71) <b>Name of Applicant :</b>                                 |
| (31) Priority Document No                     | :10 2005    | <b>1)LECHLER GMBH</b>                                           |
| (32) Priority Date                            | 047 195.1   | Address of Applicant :Ulmer Strasse 128 72555 Metzingen Germany |
| (33) Name of priority country                 | :23/09/2005 | (72) <b>Name of Inventor :</b>                                  |
| (86) International Application No             | :Germany    | <b>1)Michael Liphthal</b>                                       |
| Filing Date                                   | :NA         | <b>2)Markus Astfalk</b>                                         |
| (87) International Publication No             | :NA         | <b>3)Lars Vater</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 solid cone spray nozzle with a mouthpiece having an outlet chamber and an inlet opening emanating from the outlet chamber and having a smaller cross-section than the latter According to the invention an inlet opening into the outlet chamber has a smaller cross-section than the outlet chamber and downstream of the outlet chamber inlet opening is provided a web-like preatomizer element on which impacts at least partly a fluid jet following entry into the outlet chamber. Use e.g. as a two-fluid spray nozzle for spraying or atomizing low viscosity liquids for cooling purposes in billet or bloom continuous casting installations.

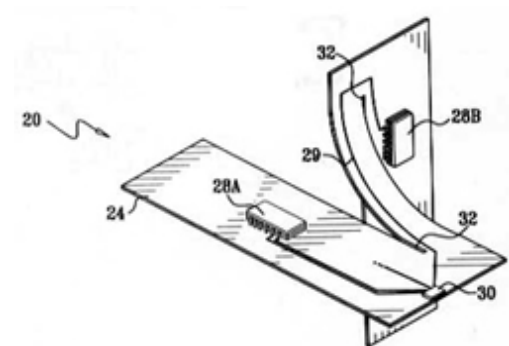


## (54) Title of the invention : MAGNETIC SENSOR ASSEMBLY

|                                               |             |                                                                |
|-----------------------------------------------|-------------|----------------------------------------------------------------|
| (51) International classification             | :G01C21/00  | (71)Name of Applicant :                                        |
| (31) Priority Document No                     | :11/244,719 | <b>1)Biosense Webster, Inc</b>                                 |
| (32) Priority Date                            | :06/10/2005 | Address of Applicant :3333 Diamond Canyon Road, Diamond Bar CA |
| (33) Name of priority country                 | :U.S.A.     | 91765 U.S.A.                                                   |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                         |
| Filing Date                                   | :NA         | <b>1)Assaf Govari</b>                                          |
| (87) International Publication No             | : NA        | <b>2)Andres Claudio Altmann</b>                                |
| (61) Patent of Addition to Application Number | :NA         | <b>3)Yaron Ephrath</b>                                         |
| Filing Date                                   | :NA         |                                                                |
| (62) Divisional to Application Number         | :NA         |                                                                |
| Filing Date                                   | :NA         |                                                                |

## (57) Abstract :

A sensor assembly includes a first magneto-resistive field sensor in a first surface-mountable package, which measures first and second components of a magnetic field projected onto respective different first and second axes with respect to a spatial orientation of the sensor and to produce first position signals indicative of the measured first and second components. A second magneto-resistive field sensor in a second surface-mountable package measures at least a third component of the magnetic field projected onto at least a third axis with respect to the spatial orientation of the sensor, and to produce second position signals indicative of the measured third component. A substrate assembly orients the first field sensor in a first spatial orientation and to orient the second field sensor in a second spatial orientation so that the third axis is oriented out of a plane containing the first and second axes.

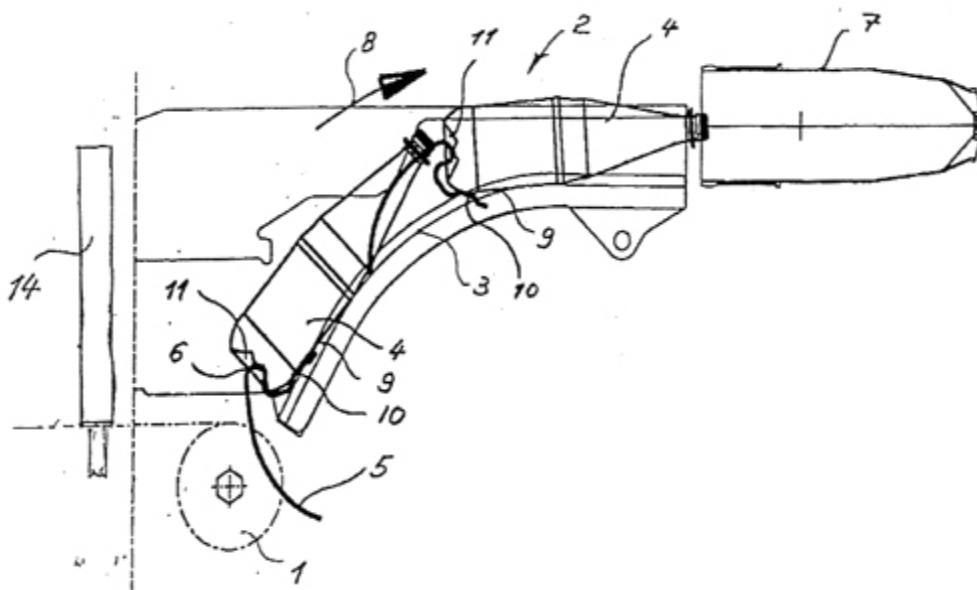


(54) Title of the invention : OVER THRUST STATION AT CONTAINER TREATMENT MACHINES

|                                               |               |                                                 |
|-----------------------------------------------|---------------|-------------------------------------------------|
| (51) International classification             | :A63B22/04    | (71)Name of Applicant :                         |
| (31) Priority Document No                     | :102005043437 | <b>1)KHS MASCHINEN UND ANLAGENBAU AG</b>        |
| (32) Priority Date                            | :13/09/2005   | Address of Applicant :D-44127 Dortmund, Germany |
| (33) Name of priority country                 | :Germany      | (72)Name of Inventor :                          |
| (86) International Application No             | :NA           | <b>1)ULRICH WIEDEMANN</b>                       |
| Filing Date                                   | :NA           | <b>2)KLAUS JENDRICHOWSKI</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 process for operation of an over thrust station and as well as on an over thrust station at container treatment machines and the equivalent with a wide charging area made out of multiple number of adjacently assembled transport tracks for supply of the containers in the takeover equipments of the treatment machine and a transporter, which runs transverse or in an angle to the real over thrust direction and serves for supply or rather discharge of the containers to be treated, with a transition area to the transport tracks of the charging- or rather discharging area as well as intermediate webs separating these transport tracks. The invention distinguishes itself through it that in entry direction before the front sides (13) of the intermediate webs (12) vertically aligned and placeable against the container casing and deflecting or guiding these, directing items (14) are assembled.



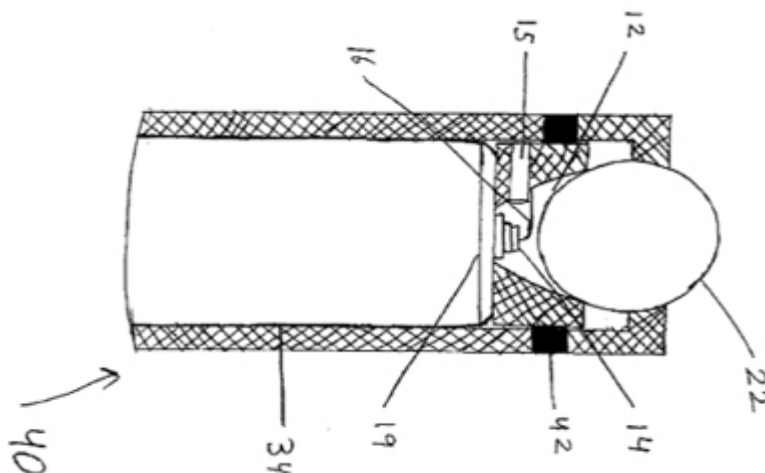


(54) Title of the invention : "HIGH POWER LED ELECTRO-OPTIC ASSEMBLY"

|                                               |                                       |                                                                                                                                                   |
|-----------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F21V7/20;<br>F21V29/00;<br>H01L23/36 | (71) <b>Name of Applicant :</b><br><b>1)HENKEL CORPORATION</b><br>Address of Applicant :1001 TROUT BROOK CROSSING,ROCKY<br>HILL, CT 06067, U.S.A. |
| (31) Priority Document No                     | :60/579,824                           | (72) <b>Name of Inventor :</b><br><b>1)BELEK RONALD E</b>                                                                                         |
| (32) Priority Date                            | :15/06/2004                           |                                                                                                                                                   |
| (33) Name of priority country                 | :U.S.A.                               |                                                                                                                                                   |
| (86) International Application No             | :PCT/US2005/016900                    |                                                                                                                                                   |
| Filing Date                                   | :13/05/2005                           |                                                                                                                                                   |
| (87) International Publication No             | :WO 2006/001928                       |                                                                                                                                                   |
| (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 high power LED electro-optic assembly (40) including conductive heat sink (18) and an LBD (14) mounted at one end of the heat sink. The LED (14) is in electrical engagement with the heat sink (18). The assembly (40) also includes a reflector (2) mounted at the other end of the heat sink. An insulating bond material (19) is provided between the reflector and the sink. The assembly (40) further includes a conductive bonding pin (15) extending through the reflector (12) and is in conductive engagement therewith and an electrical engagement (16) which electrically engages the pin (15) to the LED (14). Finally, an electric sleeve assembly (30) where the sleeve (32) is coated with an electrical insulating coating (34) is applied to the LED electro-optic assembly.



(54) Title of the invention : METHOD FOR COMBINING TWO IMAGES BASED ON ELIMINATING BACKGROUND PIXELS FROM ONE OF THE IMAGES

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :G06K9/40   | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/234,684 | <b>1)SIEMENS AKTIENGESELLSCHAFT</b>                              |
| (32) Priority Date                            | :23/09/2005 | Address of Applicant :Wittelsbacherplatz 2,80333 Munchen Germany |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                           |
| (86) International Application No             | :NA         | <b>1)MARCUS PFISTER</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 :

Two or more images are combined by designating one image as a threshold image based on information within the images themselves. Pixels in this threshold image are then segregating into foreground and background pixels according to some criteria. An alpha value is set to zero for background pixels indicating that these pixels in the threshold image will make no contribution in the combined image. The foreground pixels of the threshold image are set to some value greater than zero. Alpha values in the non-threshold image(s) are set such that the total value of alphas for pixels in the images to be combined totals one (indicating 100% total contribution).

|      |          |          |          |      |      |
|------|----------|----------|----------|------|------|
| 0    | 0        | 0        | $\alpha$ | 0    | 0    |
| (BG) | (BG)     | (BG)     | (FG)     | (BG) | (BG) |
| 0    | 0        | $\alpha$ | 0        | 0    | 0    |
| (BG) | (BG)     | (FG)     | (BG)     | (BG) | (BG) |
| 0    | $\alpha$ | $\alpha$ | 0        | 0    | 0    |
| (BG) | (FG)     | (FG)     | (BG)     | (BG) | (BG) |
| 0    | 0        | $\alpha$ | $\alpha$ | 0    | 0    |
| (BG) | (BG)     | (FG)     | (FG)     | (BG) | (BG) |
| 0    | 0        | 0        | $\alpha$ | 0    | 0    |
| (BG) | (BG)     | (BG)     | (FG)     | (BG) | (BG) |

Image 1

+

|   |            |            |            |   |   |
|---|------------|------------|------------|---|---|
| 1 | 1          | 1          | $1-\alpha$ | 1 | 1 |
| 1 | 1          | $1-\alpha$ | 1          | 1 | 1 |
| 1 | $1-\alpha$ | $1-\alpha$ | 1          | 1 | 1 |
| 1 | 1          | $1-\alpha$ | $1-\alpha$ | 1 | 1 |
| 1 | 1          | 1          | $1-\alpha$ | 1 | 1 |

Image 2

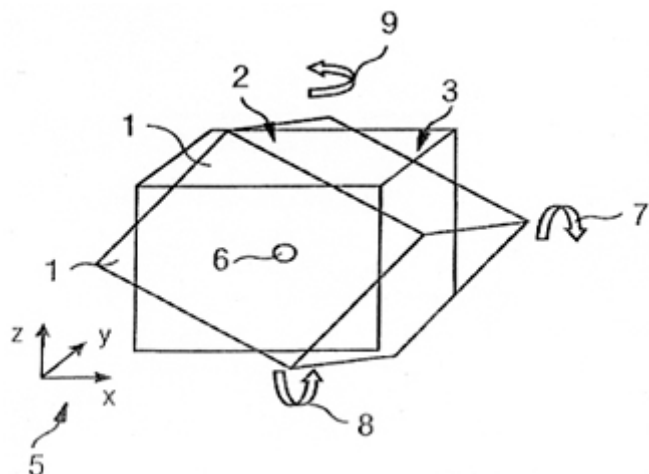
(54) Title of the invention : METHOD FOR DETERMINING A TRANSFORMATION OF COORDINATES OF COORDINATES OF DIFFERENT IMAGES OF AN OBJECT

(51) International classification :G06T7/00  
 (31) Priority Document No :102004032914.1  
 (32) Priority Date :07/07/2004  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2005/053201  
 Filing Date :05/07/2005  
 (87) International Publication No :WO 2006/003203  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
 Address of Applicant :WITTELSBACHERPLATZ 2 80333  
 MUNCHEN Germany  
 (72)**Name of Inventor :**  
**1)BOESE,JAN**  
**2)KLEEN,MARTIN**  
**3)RAHN,NORBERT**

(57) Abstract :

Disclosed is a method for registering images (2, 3) of an object (1), according to which a landmark (6) that is common to the images (2, 3) is first identified, and the transformations in relation to the remaining degrees of freedom (7, 8, 9) are determined by means of a position alignment that is not based on the landmark (6).

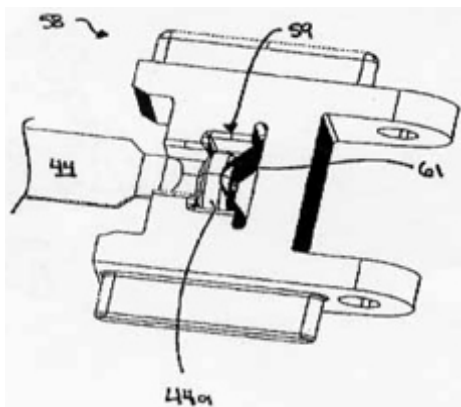


(54) Title of the invention : CLIP APPLIER CONFIGURED TO PREVENT CLIP FALLOUT.

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B17/122 | (71) <b>Name of Applicant :</b>                                   |
| (31) Priority Document No                     | :11/162,587 | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |
| (32) Priority Date                            | :15/09/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72) <b>Name of Inventor :</b>                                    |
| (86) International Application No             | :NA         | <b>1)Thomas W. Huitema</b>                                        |
| Filing Date                                   | :NA         | <b>2)Mark A. Davidson</b>                                         |
| (87) International Publication No             | : NA        | <b>3)Robert L. Koch Jr.</b>                                       |
| (61) Patent of Addition to Application Number | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

## (57) Abstract :

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and a shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an open position to a closed position to crimp the clip positioned therebetween. The surgical clip applier can include a variety of features to facilitate use of the device, including features to align a clip with the jaws, features to prevent unintentional migration of clip, and features to prevent clip fallout during formation.

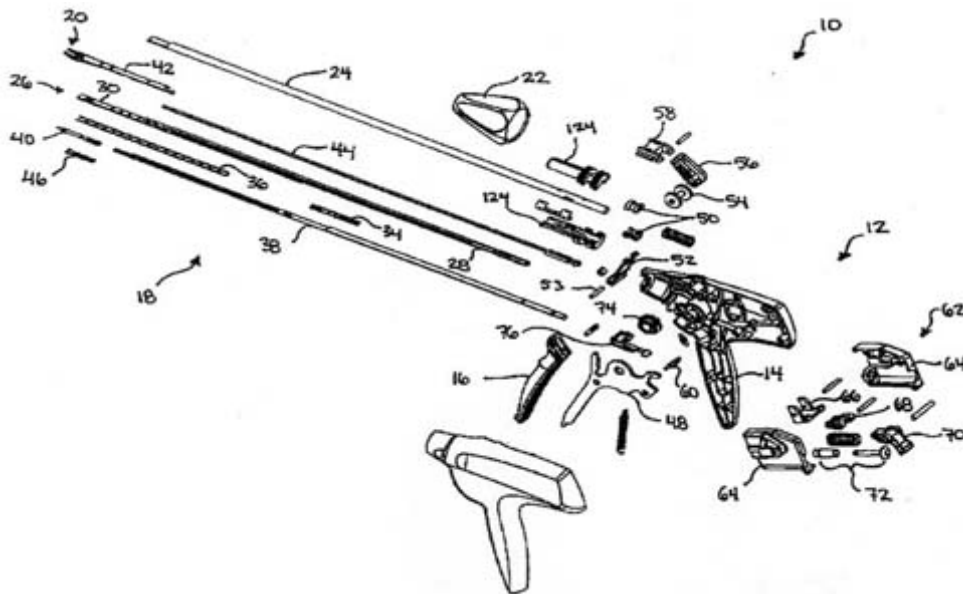


(54) Title of the invention : CLIP ADVANCER MECHANISM WITH ALIGNMENT FEATURES

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :A61B17/122 | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/162,588 | <b>1)ETHICON ENDO-SURGERY,INC</b>                                |
| (32) Priority Date                            | :15/09/2005 | Address of Applicant :4545 Creek Road Cincinnati,OH 15242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                           |
| (86) International Application No             | :NA         | <b>1)Thomas W. Huitema</b>                                       |
| Filing Date                                   | :NA         | <b>2)Robert L. Koch Jr.</b>                                      |
| (87) International Publication No             | : NA        | <b>3)Richard P. Fuchs</b>                                        |
| (61) Patent of Addition to Application Number | :NA         | <b>4)Nicholas G. Molitor</b>                                     |
| Filing Date                                   | :NA         |                                                                  |
| (62) Divisional to Application Number         | :NA         |                                                                  |
| Filing Date                                   | :NA         |                                                                  |

## (57) Abstract :

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and a shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an open position to a closed position to crimp the clip positioned therebetween. The surgical clip applier can include a variety of features to facilitate use of the device, including features to align a clip with the jaws, features to prevent unintentional migration of a clip, and features to prevent clip fallout during formation.



(54) Title of the invention : CLIP APPLIER WITH MIGRATIONAL RESISTANCE FEATURES.

|                                               |             |
|-----------------------------------------------|-------------|
| (51) International classification             | :A61B17/122 |
| (31) Priority Document No                     | :11/162584  |
| (32) Priority Date                            | :15/09/2005 |
| (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)ETHICON ENDO-SURGERY,INC.**

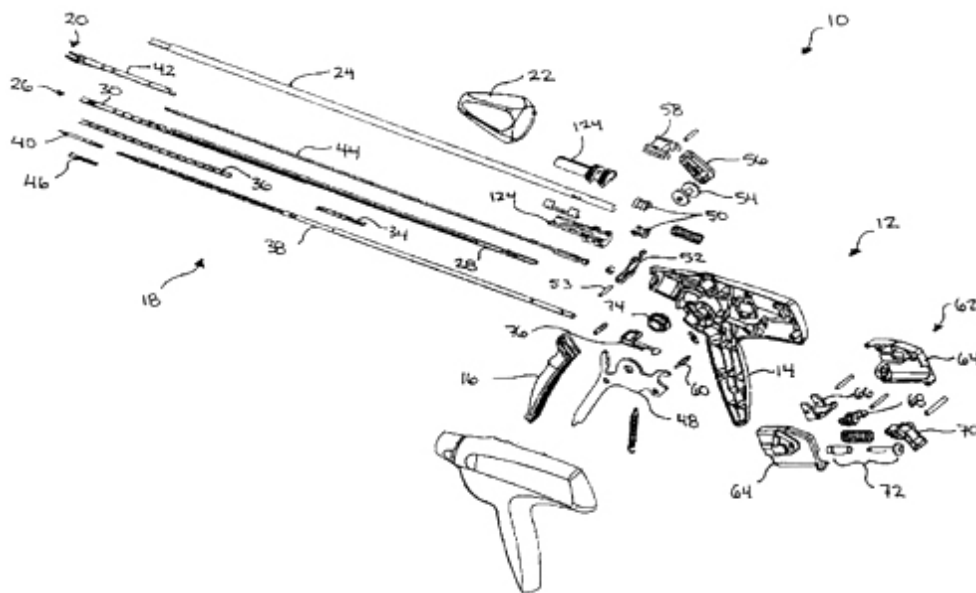
Address of Applicant :4545 Creek road,Cincinnati,OH 45242 Ohio Corporation,United states of America U.S.A.

(72)Name of Inventor :

**1)THOMAS W. HUITEMA**

(57) Abstract :

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and a shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an open position to a closed position to crimp the clip positioned therebetween. The surgical clip applier can include a variety of features to facilitate use of the device, including features to align a clip with the jaws, features to prevent unintentional migration of a clip, and features to prevent clip fallout during formation.

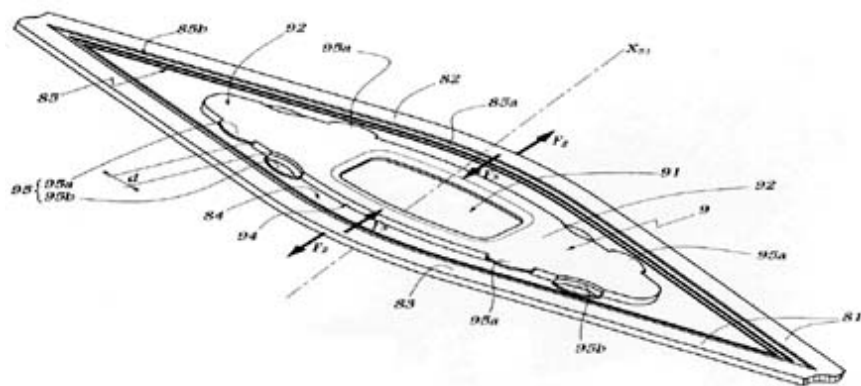


(54) Title of the invention : PROCESS FOR MANUFACTURING A HEDDLE, HEDDLE FOR SHED-FORMING MECHANISM, AND LOOM INCORPORATING SUCH A HEDDLE

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :D03C3/40   | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :05 09854   | <b>1)STAUBLI LYON</b>                                            |
| (32) Priority Date                            | :27/09/2005 | Address of Applicant :31 Rue des Freres Lumiere F-69680 Chassieu |
| (33) Name of priority country                 | :France     | France                                                           |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA         | <b>1)HIMMELSTOSS Michael</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 process includes steps consisting in manufacturing an eyelet (9) for guiding a warp yarn, making, in a threadlike element (81), an opening (84) for receiving the eyelet (9), and placing and immobilizing (F3) the eyelet (9) in the opening (84). During manufacture of the eyelet (9) at least two projecting tabs (95) offset from each other along its edge (94) and perpendicularly to the principal faces (92) of this eyelet are formed on this outer edge (94). During the placement of the eyelet (9) in the opening (84), a part (85a) of the edge (85) of the opening (84) is inserted (F3) between the tabs (95). As a variant, the tabs (95) can be provided on the edge (85) of the opening (84).

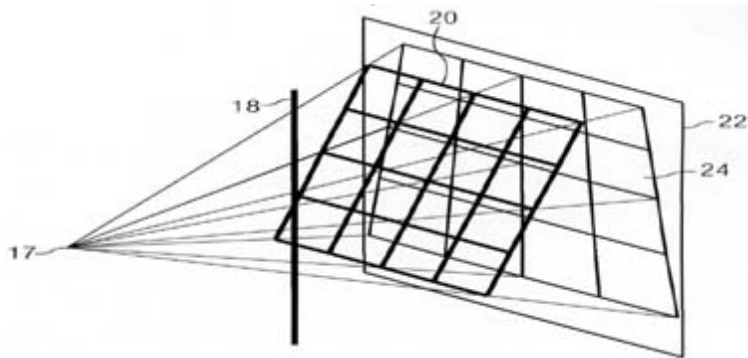


(54) Title of the invention : METHOD AND APPARATUS FOR RECONSTRUCTING A THREE-DIMENSIONAL IMAGE VOLUME FROM-TWO-DIMENSIONAL PROJECTION IMAGES

|                                               |                 |                                                                   |
|-----------------------------------------------|-----------------|-------------------------------------------------------------------|
| (51) International classification             | :G06T17/00      | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :102005044653.1 | <b>1)SIEMENS AKTIENGESELLSCHAFT</b>                               |
| (32) Priority Date                            | :19/09/2005     | Address of Applicant :Wittelsbacherplatz 2,80333 Munchen Germany, |
| (33) Name of priority country                 | :Germany        | Germany                                                           |
| (86) International Application No             | :NA             | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA             | <b>1)Thomas Brunner</b>                                           |
| (87) International Publication No             | : NA            | <b>2)FRANK DEINZER</b>                                            |
| (61) Patent of Addition to Application Number | :NA             | <b>3)JÄRGEN FRANKE</b>                                            |
| Filing Date                                   | :NA             | <b>4)BENNO HEIGL</b>                                              |
| (62) Divisional to Application Number         | :NA             | <b>5)Alois NÄtting</b>                                            |
| Filing Date                                   | :NA             |                                                                   |

(57) Abstract :

Method and apparatus for reconstructing a three-dimensional image volume from two-dimensional projection images The invention relates to a method and an apparatus for reconstructing a three-dimensional image volume (12) from two-dimensional projection images (20) of a subject which have been taken from different projection directions by rotating the recording system (3, 4) around the subject (5), wherein the grayscale values of the voxels of the image volume (12) are calculated by back projection of the projection images (20). The invention is characterized in that prior to back projection at least one projection image (20) is modified in such a way that it corresponds to a projection image (24) taken with a virtual detector (22) whose axes are aligned parallel to the rotational axis (18) of the recording system.



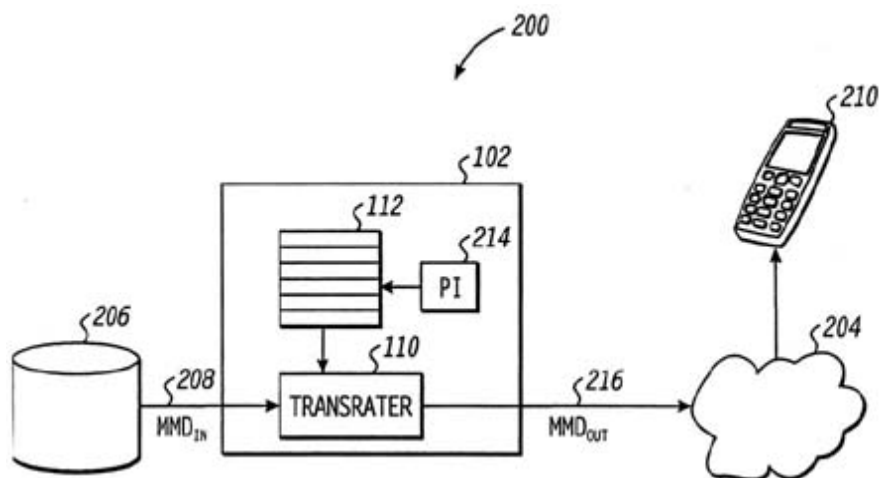


(54) Title of the invention : SYSTEM AND METHOD FOR TRANSRATING BASED ON MULTIMEDIA PROGRAM TYPE

|                                               |             |                                                         |
|-----------------------------------------------|-------------|---------------------------------------------------------|
| (51) International classification             | :G06F15/16  | (71) <b>Name of Applicant :</b>                         |
| (31) Priority Document No                     | :11/237,435 | <b>1)VIXS SYSTEMS INC.</b>                              |
| (32) Priority Date                            | :28/09/2005 | Address of Applicant :PARKWAY PLACE, 245 CONSUMERS ROAD |
| (33) Name of priority country                 | :U.S.A.     | SUITE 301 TORONTO,ONTARIO M2J 1R3 Canada                |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                          |
| Filing Date                                   | :NA         | <b>1)LAKSONO INDRA</b>                                  |
| (87) International Publication No             | : NA        | <b>2)LEUNG LEWIS</b>                                    |
| (61) Patent of Addition to Application Number | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |
| (62) Divisional to Application Number         | :NA         |                                                         |
| Filing Date                                   | :NA         |                                                         |

(57) Abstract :

A multimedia program type of a received multimedia data is determined. Based on the determined multimedia program type, a peak bit rate limit and/or an average bit rate limit are determined. In instances where a transrated version of the multimedia data is to be stored, a remaining storage capacity of a storage device is determined and the peak bit rate limit and/or the average bit rate limit can be adjusted based on the remaining storage capacity. The multimedia data then is transrated to generate transrated multimedia data that has a peak bit rate that does not exceed the selected peak bit rate limit and/or having an average bit rate that does not exceed the selected average bit rate limit. The transrating of the multimedia additionally can include the application of rule sets based on content characteristics. After transrating, the multimedia data can be transmitted via a network to a destination multimedia device, stored locally for subsequent use, or a combination thereof.



(54) Title of the invention : METHODS FOR IDENTIFYING FACTORS FOR DIFFERENTIATING DEFINITIVE ENDODERM

(51) International classification

:C12N5/06;  
C12N5/08; C12Q1/68

(31) Priority Document No

:60/586,566

(32) Priority Date

:09/07/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/022604

Filing Date

:23/06/2005

(87) International Publication No

:WO 2006/016999

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CYTHERA,INC.**Address of Applicant :3550 GENERAL ATOMICS CT.BLDG.2  
ROOM 503,SAN DIEGO,CALIFORNIA 92121 U.S.A.COMPANY U.S.A.

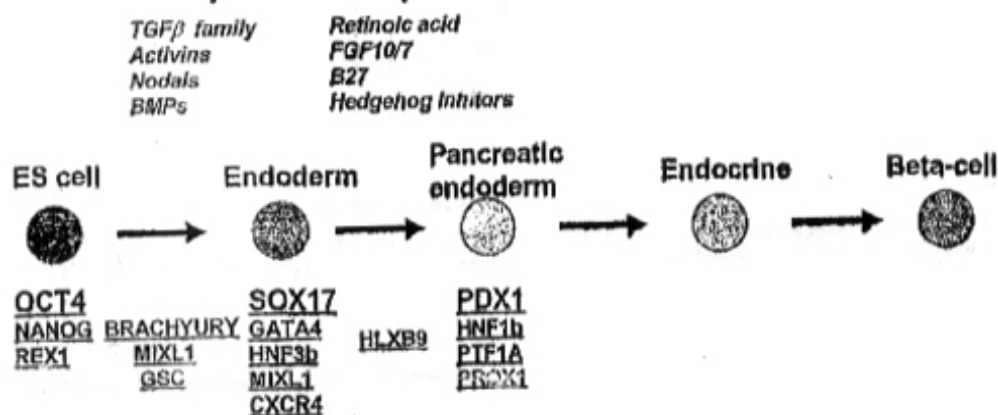
(72)Name of Inventor :

**1)D'AMOUR,KEVIN,ALLEN****2)AGULNICK,ALAN,D****3)ELIAZER,SUSAN****4)BAETGE,EMMANUEL**

(57) Abstract :

Disclosed herein are methods of Identifying one or more differentiation factors that are useful for differentiating cells in a cell population comprising definitive endoderm cells into cells which are capable of forming tissues and/or organs that are derived from the gut tube.

## Step-wise $\beta$ -cell differentiation

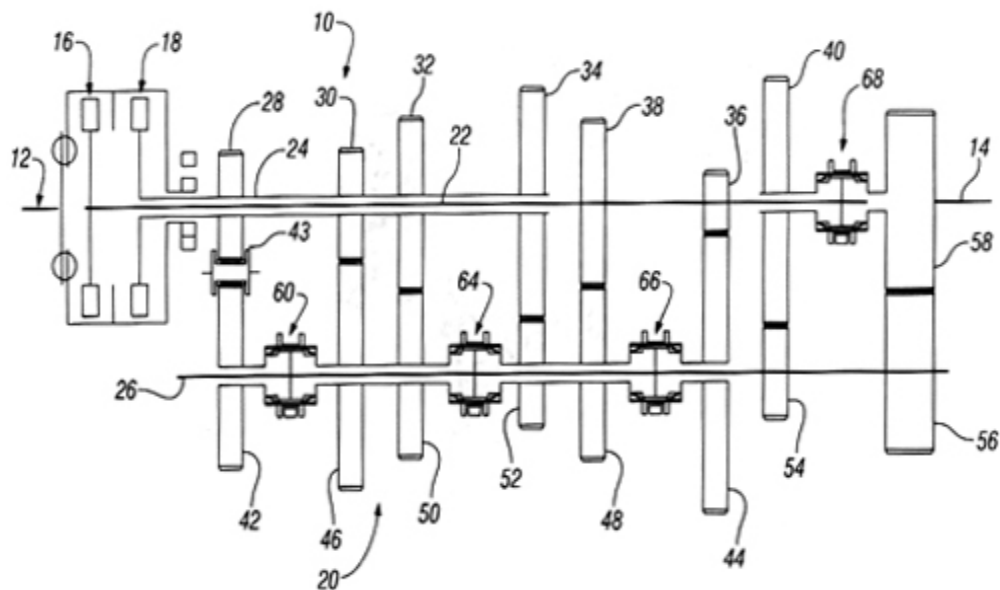


(54) Title of the invention : POWER TRANSMISSION

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :H04B7/005  | (71)Name of Applicant :                                          |
| (31) Priority Document No                     | :11/285,613 | <b>1)GM GLOBAL TECHNOLOGY OPERATION ,INC</b>                     |
| (32) Priority Date                            | :21/11/2005 | Address of Applicant :300 GM Renaissance Center Detroit,Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000. U.S.A.                                               |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                           |
| Filing Date                                   | :NA         | <b>1)RAYMOND J.HAKA</b>                                          |
| (87) International Publication No             | : NA        | <b>2)HAMID VAHABZADEH</b>                                        |
| (61) Patent of Addition to Application Number | :NA         |                                                                  |
| Filing Date                                   | :NA         |                                                                  |
| (62) Divisional to Application Number         | :NA         |                                                                  |
| Filing Date                                   | :NA         |                                                                  |

(57) Abstract :

A synchronizer-controlled transmission has a plurality of input shafts, which are selectively connectible with a transmission input shaft, at least one countershaft, which rotatably supports a plurality of ratio gears, and an output shaft. A plurality of synchronizers is disposed along the countershaft and at least one input shaft to provide power transmission connections between the countershaft and the ratio gears disposed thereon. At least one ratio is established through direct connection between at least one input shaft and the output shaft.



(54) Title of the invention : EXTENDING FUEL ECONOMY OPERATING RANGE IN GASOLINE DIRECTION INJECTION (GDI) ENGINES.

(51) International classification

:H02P9/04;  
F02D29/06

(31) Priority Document No

:11/245,754

(32) Priority Date

:07/10/2005

(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

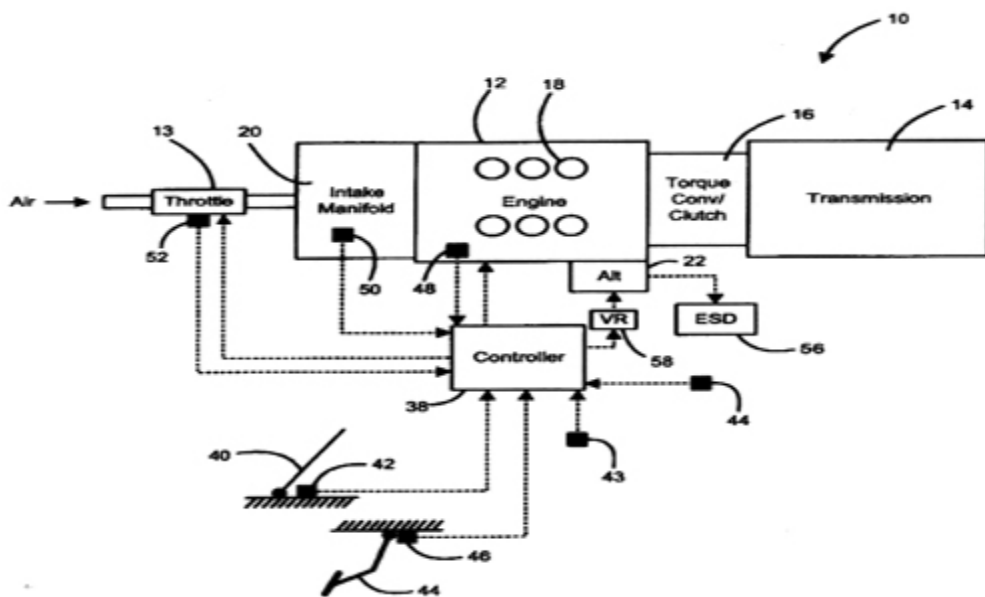
Filing Date

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(57) Abstract :

An engine control system for controlling engine operation in high-output (HO) and fuel-economy (FE) modes in a gasoline direct injection (GDI) engine includes an alternator that is driven by the engine and that is regulated by a load control signal. An alternator load control module generates the load control signal based on an engine torque to regulate a load of the alternator on the engine to maintain the engine torque below a threshold level and maintain engine operation in the FE mode.



(54) Title of the invention : ELECTRICALLY VARIABLE TRANSMISSION WITH INPUT SPLIT MODE AND COMPOUND SPLIT MODES.

(51) International classification

:F16H3/72;  
F16H37/02

(31) Priority Document No

:11/263,175

(32) Priority Date

:31/10/2005

(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 :

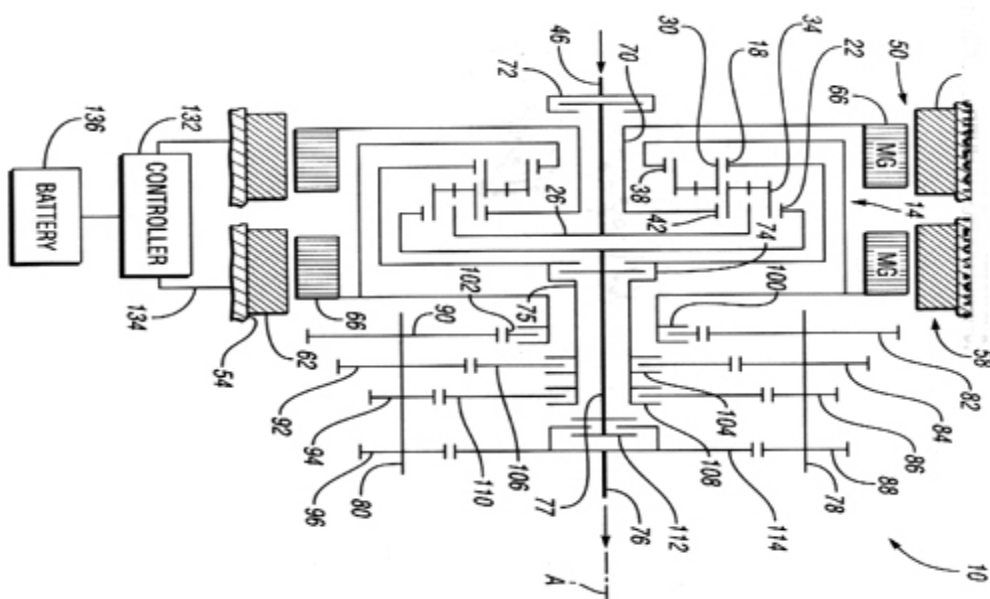
**1)GM GLOBAL TECHNOLOGY OPERATION INC**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)ALAN G. HOLMES**

(57) Abstract :

A vehicle transmission includes a differential gear set having five coaxial gear elements and an output member. Two of the gear elements are controllable via torque transmitting mechanisms such as electric motors to establish a plurality of speed ratios between the input shaft and the output shaft. Two of the other gear elements are selectively operatively connectable to an output shaft via a gear arrangement that allows for a plurality of speed ratios between the gear elements and the output shaft. Additional torque transmitting mechanisms such as clutches are selectively engageable to provide continuously variable speed ranges between the input shaft and the output shaft, fixed gear ratios and an electric drive mode. The various speed ratios enable a plurality of compound split operating modes as well as an input split mode.



(54) Title of the invention : PISTON HAVING ASYMMETRICAL PIN BORE SLOT PLACEMENT

(51) International classification

:F16J1/14;

F16J1/10

(31) Priority Document No

:11/263,178

(32) Priority Date

:31/10/2005

(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 :

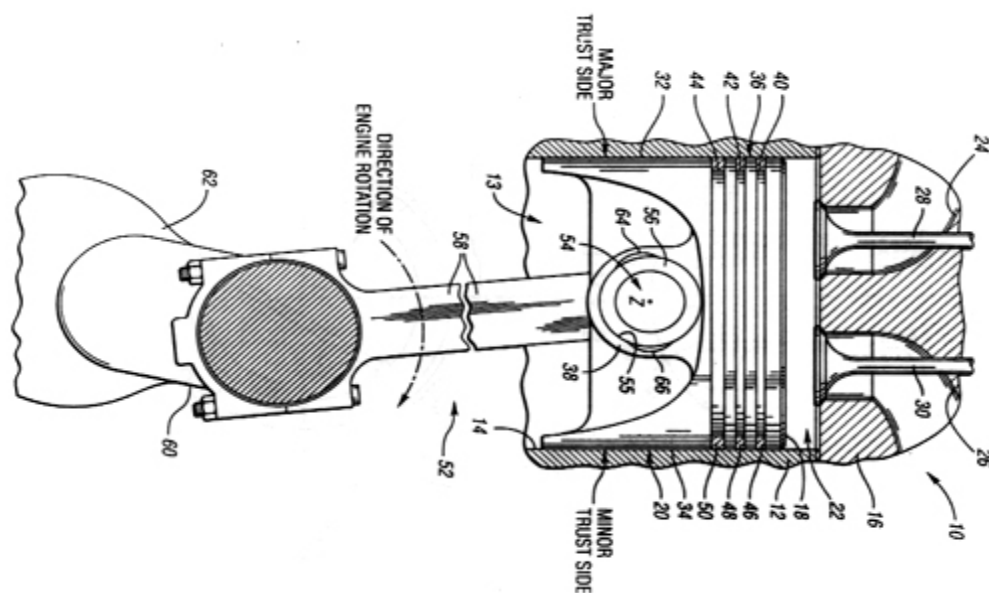
**1)GM GLOBAL TECHNOLOGY OPERATION INC.**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)KENNETH E. SCHROEDER**

(57) Abstract :

A piston, having a first side subject to major thrust loading and a second side subject to minor thrust loading, is provided. The piston has a crown portion and a first and second pin boss portion depending therefrom. An axially extending pin bore is provided within the first and second pin boss portions. A first axially extending slot is provided within the piston pin bore on the first side. Additionally, a second axially extending slot is provided within the piston pin bore on the second side of the piston. The second axially extending slot is positioned closer to the crown portion than the first axially extending slot. The first and second axially extending slots are generally concave in shape.

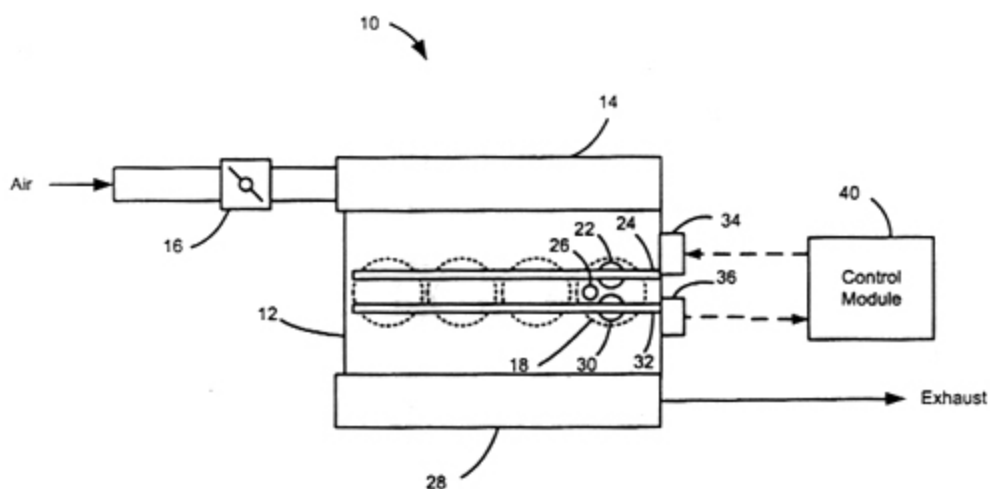


(54) Title of the invention : CONTINUOUS ENGINE REVERSE ROTATION DETECTION SYSTEM

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :F02B75/02  | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/263,176 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                       |
| (32) Priority Date                            | :31/10/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)ERIC RALPH HOLM</b>                                          |
| (87) International Publication No             | : NA        | <b>2)JASON THOMAS DAVIS</b>                                       |
| (61) Patent of Addition to Application Number | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

(57) Abstract :

A reverse rotation detection system for an engine with at least one camshaft and a crankshaft includes a camshaft position sensor that generates a camshaft position signal based on a rotation of the camshaft. A second sensor input device generates a crankshaft position signal based on a rotation of the crankshaft. A control module detects a reverse rotation condition of the engine from the camshaft position signal and the crankshaft position signal, wherein the control module compares the camshaft position signal to the crankshaft position signal to determine an engine position. Based on the engine position the control module compares the camshaft position signal to an expected signal to determine a reverse rotation condition.

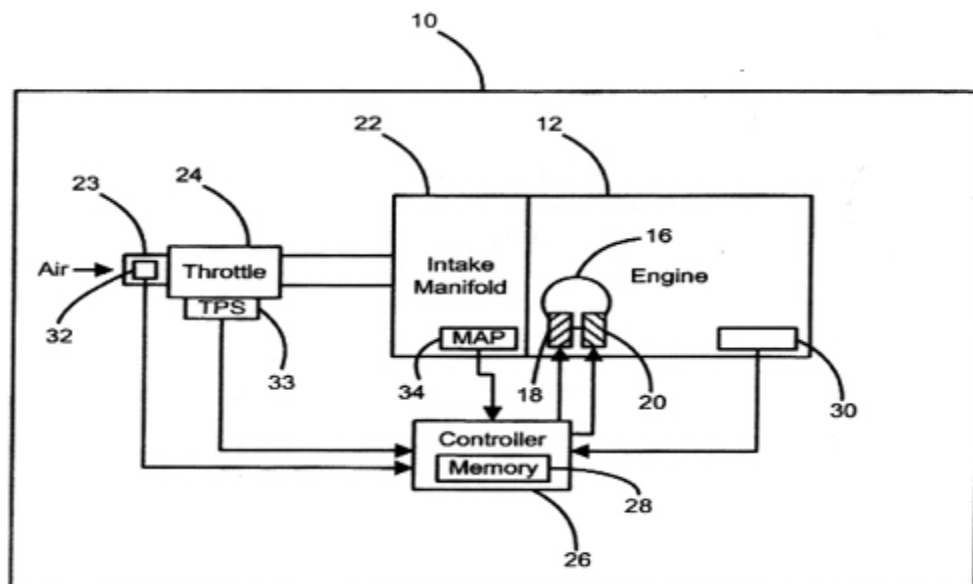


## (54) Title of the invention : ROUGH ROAD DETECTION SYSTEM

|                                               |             |                                                          |
|-----------------------------------------------|-------------|----------------------------------------------------------|
| (51) International classification             | :B23Q17/09  | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :11/263,174 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>              |
| (32) Priority Date                            | :31/10/2005 | Address of Applicant :300 GM RENAISSANCE CENTER DETROIT, |
| (33) Name of priority country                 | :U.S.A.     | MICHIGAN 48265-3000 U.S.A.                               |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                           |
| Filing Date                                   | :NA         | <b>1)TAMEEM K. ASSAF</b>                                 |
| (87) International Publication No             | : NA        | <b>2)DAVID S. MATHEWS</b>                                |
| (61) Patent of Addition to Application Number | :NA         | <b>3)SANJEEV M. NAIK</b>                                 |
| Filing Date                                   | :NA         |                                                          |
| (62) Divisional to Application Number         | :NA         |                                                          |
| Filing Date                                   | :NA         |                                                          |

## (57) Abstract :

A rough road detection system includes a collection module, a statistical module, and a comparison module. The collection module collects samples from a vibration sensitive signal. The statistical module removes a periodic anomaly from the samples and removes a random anomaly from the samples with a filter having a filter coefficient based on an engine speed signal. In addition, the statistical module calculates a statistical signal based on the samples. the rough road detection system also includes a derivative module that calculates a first and second derivative based on a rate or time. The derivative module removes negative derivatives when the derivatives are calculated with respect to the rate and positive derivatives when the derivatives are calculated with respect to time. The comparison module determines whether a rough road condition exists based on the statistical signal or the first and second derivatives.



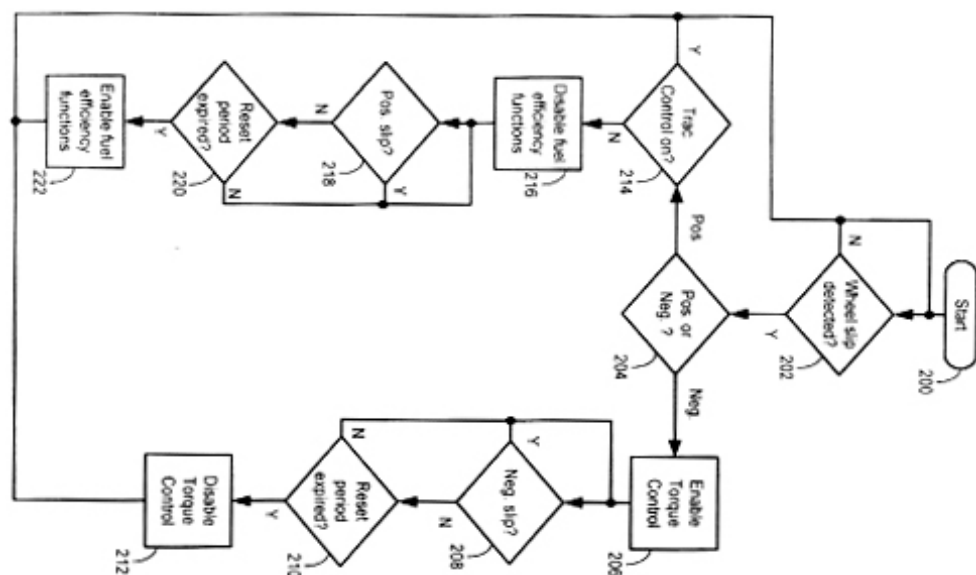


(54) Title of the invention : WHEEL SLIP CONTROL SYSTEM

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :B60K28/16  | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/263,215 | <b>1)GM GLOBAL TECHNOLOGY OPERATION, INC</b>                      |
| (32) Priority Date                            | :31/10/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)Goro Tamai</b>                                               |
| (87) International Publication No             | : NA        | <b>2)James L. Worthing</b>                                        |
| (61) Patent of Addition to Application Number | :NA         | <b>3)Birendra P. Bhattarai</b>                                    |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

(57) Abstract :

A wheel slip control system includes wheel speed sensors that generate wheel speed signals and a control module that controls torque production of at least one of an engine and an electric motor and that detects a negative wheel slip based on the wheel speed signals. The control module increases torque production of at least one of the engine and the electric motor when the negative wheel slip is detected.



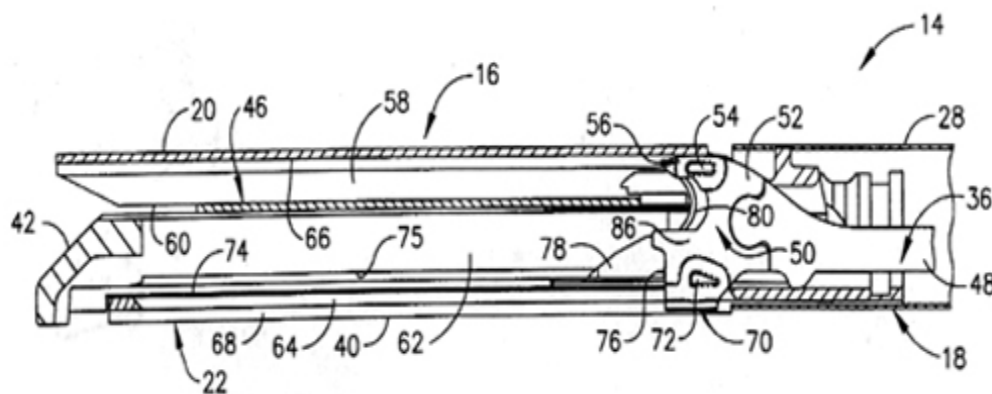
(54) Title of the invention : SURGICAL STAPLING INSTRUMENT HAVING FORCE CONTROLLED SPACING END EFFECTOR

|                                               |             |                                                            |  |
|-----------------------------------------------|-------------|------------------------------------------------------------|--|
| (51) International classification             | :A61B17/068 | (71) <b>Name of Applicant :</b>                            |  |
| (31) Priority Document No                     | :11/231,456 | <b>1)ETHICON ENDO-SURGERY, INC</b>                         |  |
| (32) Priority Date                            | :21/09/2005 | Address of Applicant :4545 CREEK ROAD CINCINNATI, OH 45242 |  |
| (33) Name of priority country                 | :U.S.A.     | U.S.A.                                                     |  |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                             |  |
| Filing Date                                   | :NA         | <b>1)FREDRICK E. SHELTON IV</b>                            |  |
| (87) International Publication No             | : NA        | <b>2)JEROME R. MORGAN</b>                                  |  |
| (61) Patent of Addition to Application Number | :NA         |                                                            |  |
| Filing Date                                   | :NA         |                                                            |  |
| (62) Divisional to Application Number         | :NA         |                                                            |  |
| Filing Date                                   | :NA         |                                                            |  |

---

(57) Abstract :

A surgical instrument for being endoscopically or laparoscopically inserted into a surgical site for simultaneous stapling and severing of tissue includes force adjusted spacing between an upper jaw (anvil) and a lower jaw (staple cartridge engaged to an elongate staple channel) so that the height of staple formation corresponds to the thickness of the tissue, yet does not exceed the height range that may be accommodated by the length of the staples. In particular, resilient structures are formed into an E-beam firing bar that includes a cutting surface (knife) that severs tissue between a top pin that engages the anvil and a middle pin and lower foot that engage the lower jaw. The resilience responds to the force exerted by clamped tissue to vary the spacing.



(54) Title of the invention : PREPRIMITIVE STREAK AND MESENDODERM CELLS

(51) International classification :C12N5/00  
 (31) Priority Document No :60/586,566  
 (32) Priority Date :09/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/024161  
 Filing Date :08/07/2005  
 (87) International Publication No :WO 2006/017134  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

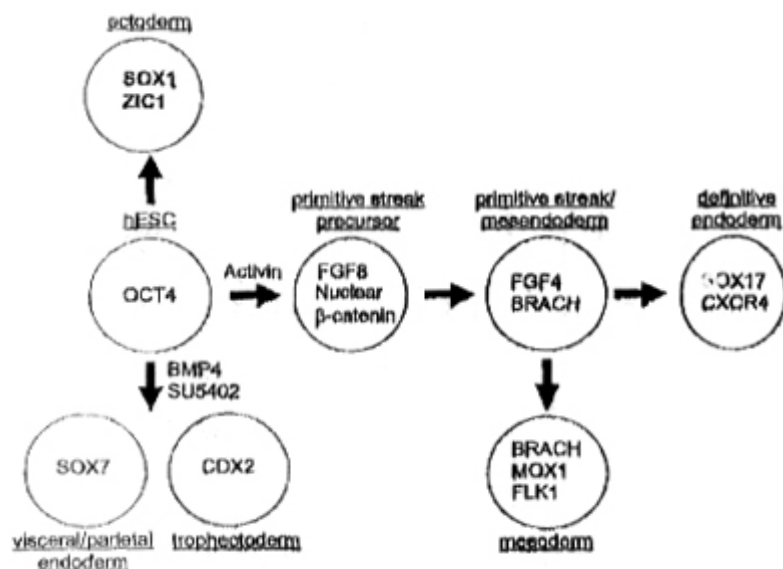
**1)CYTHERA,INC.**Address of Applicant :3550 GENERAL ATOMICS CT.BLDG.2  
ROOM 503,SAN DIEGO,CALIFORNIA 92121, U.S.A.

(72)Name of Inventor :

**1)D,AMOUR,KEVIN,ALLEN****2)AGULNICK,ALAN,D****3)ELIAZER,SUSAN****4)BAETGE,EMMANUEL****5)KROON,EVERT**

(57) Abstract :

This disclosure relates to compositions comprising human preprimitive streak cells and / or human mesendoderm cells as well as methods for their production. Additionally, disclosed herein are methods of identifying factors useful in the further differentiation of preprimitive streak and mesendoderm cell types.

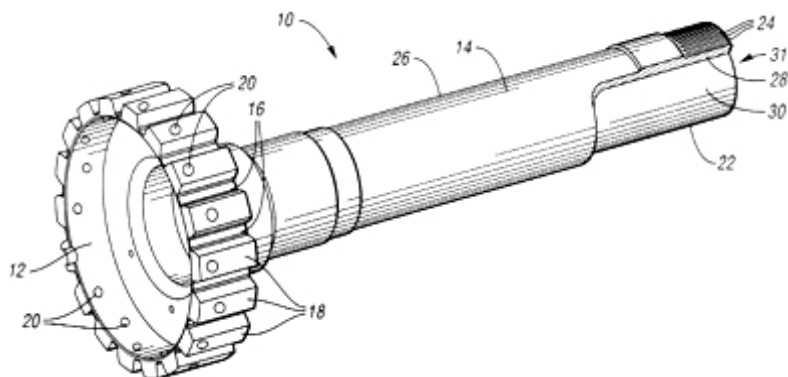


(54) Title of the invention : COMPOSITE CLUTCH SHAFT ASSEMBLY

|                                               |             |                                                                  |
|-----------------------------------------------|-------------|------------------------------------------------------------------|
| (51) International classification             | :F16C3/00   | (71) <b>Name of Applicant :</b>                                  |
| (31) Priority Document No                     | :11/284,252 | <b>1)GM GLOBAL TECHNOLOGY OPERATIONS, INC</b>                    |
| (32) Priority Date                            | :21/11/2005 | Address of Applicant :Renaissance Center, Mail Code 482-C23-B21, |
| (33) Name of priority country                 | :U.S.A.     | Detroit, Michigan 48265-300 U.S.A.                               |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                   |
| Filing Date                                   | :NA         | <b>1)RAYMOND J. HAKA</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 composite clutch shaft assembly has an annular hub with a shaft extending therefrom. The shaft has a generally tubular outer portion and a core portion. The core portion has higher internal damping than the outer portion, thereby improving the vibration and noise damping characteristics of the clutch shaft while having little or no effect on the external dimensions of the clutch shaft.



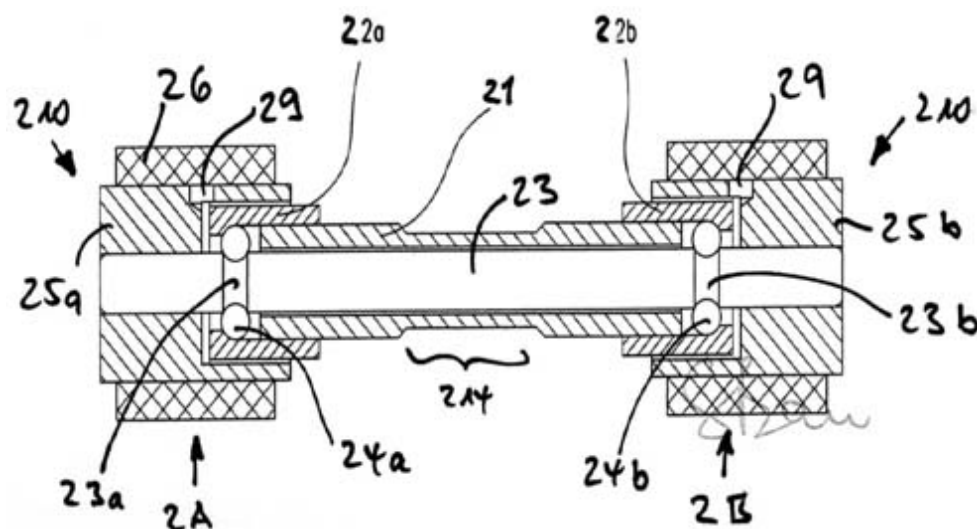
(54) Title of the invention : BEARING ASSEMBLY FOR FIXED ROLLERS

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :F16C13/02      |
| (31) Priority Document No                     | :102005046392.4 |
| (32) Priority Date                            | :28/09/2005     |
| (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)HANS STAHLECKER**  
 Address of Applicant :9404 Rohrschacherberg, Switzerland  
 (72)**Name of Inventor :**  
**1)HANS STAHLECKER**

(57) Abstract :

A bearing assembly for fixed rollers (210; 310), particularly for the drafting units of spinning machines comprising a shell-type middle-piece (21;31) mounting a first bearing (2A;3A) and a second bearing (2B, 3B), said first bearing (2A; 3A) and said second bearing (2B, 3B), mounting a spindle (23; 33) for the fixed rollers (210; 310) is characterized in that the bearing outer rings (22a, 22b; 32a, 32b) of the first bearing (2A, 3A) and of the second bearing (2B, 3B) are arranged at the outer circumference of the middle-piece (21; 31).

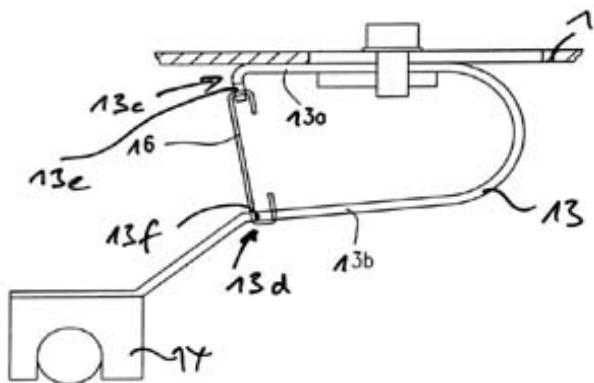


## (54) Title of the invention : LOADING ELEMENT

|                                               |                 |                                          |
|-----------------------------------------------|-----------------|------------------------------------------|
| (51) International classification             | :D01H5/00       | (71)Name of Applicant :                  |
| (31) Priority Document No                     | :102005047772.0 | <b>1)HANS STAHLECKER</b>                 |
| (32) Priority Date                            | :05/10/2005     | Address of Applicant :HOFSTRASSE 32 9404 |
| (33) Name of priority country                 | :Germany        | ROHRSCHACHERBERG, SWITZERLAND            |
| (86) International Application No             | :NA             | (72)Name of Inventor :                   |
| Filing Date                                   | :NA             | <b>1)HANS STAHLECKER</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 loading element for pressure arms of drafting units for ring spinning machines includes a U-shaped leaf spring (13) with two legs (13a, 13b) , the legs (13a, 13b) comprising bottom portions (13c, 13d) in which means (13e, 13f) for securing a connecting element (16) for interconnecting the bottom portions (13c, 13d) are disposed.



(54) Title of the invention : A DRIVE FOR AN ARRANGEMENT FOR MANUFACTURING A KNITTED FABRIC

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :D04B9/00       |
| (31) Priority Document No                     | :102005052693.4 |
| (32) Priority Date                            | :28/10/2005     |
| (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)SPINDELFABRIK SUESSEN GMBH**

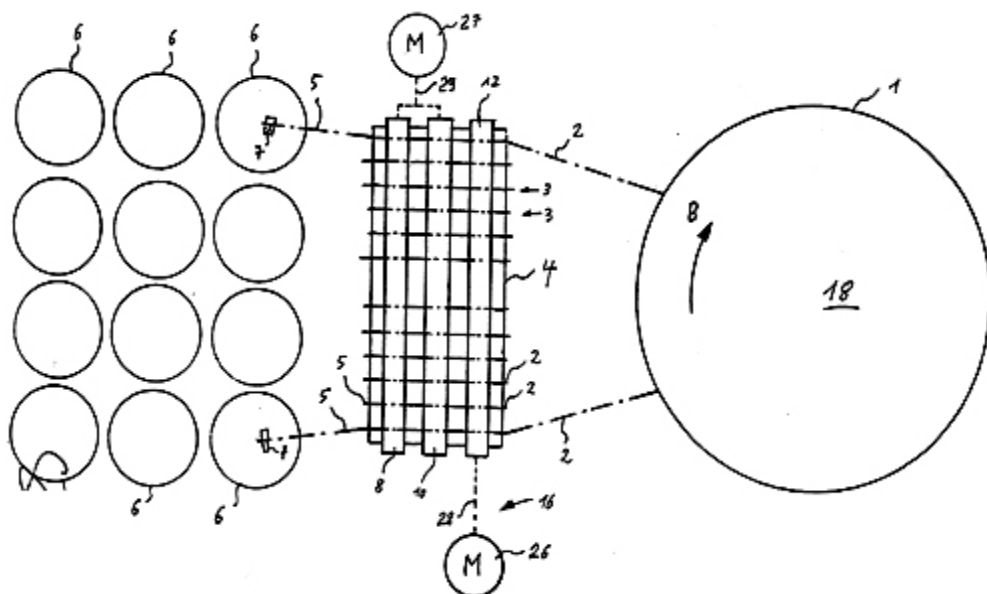
Address of Applicant :Dammstrasse 1, 73079 Sussen Germany

(72)Name of Inventor :

**1)GERNOT SCHAFFLER**

(57) Abstract :

A drive for an arrangement for manufacturing a knitted fabric comprising a knitting device having knitting needles and at least one knitting position is described. The arrangement comprises at least one drafting a fibre strand arranged upstream of the knitting position. At least one reluctance motor is assigned to the drafting device.



(54) Title of the invention : METHOD AND APPARATUS FOR THE CONDITIONING AND HOMOGENIZATION OF GLASS MELTS

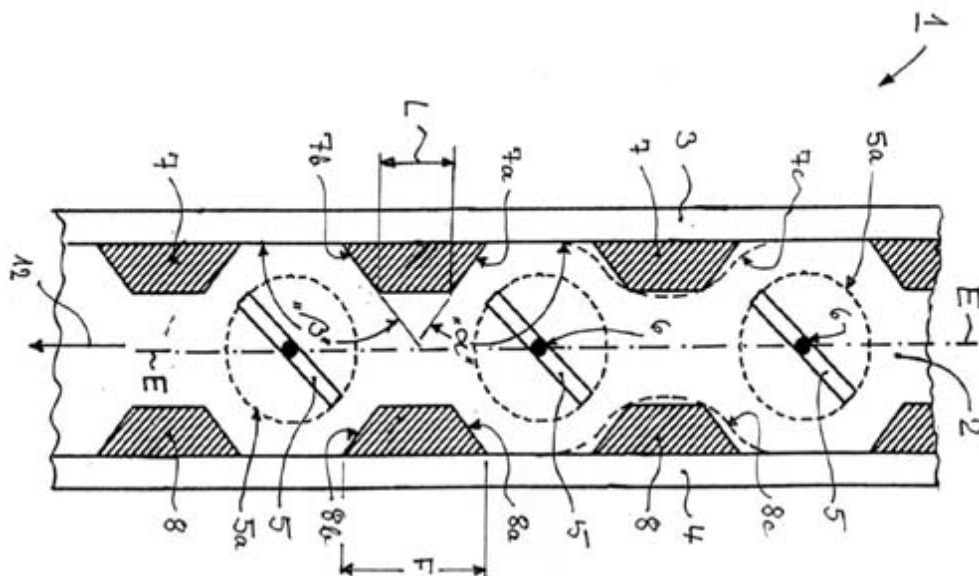
|                                               |                                     |                                                                                                                                                                        |
|-----------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C03B5/18;<br>C03B5/16;<br>C03B5/00 | (71)Name of Applicant :<br><b>1)BETEILIGUNGEN SORG GMBH &amp; CO. KG.</b><br>Address of Applicant :Stoltestrasse 23, D-97816 Lohr am Main, Federal Republic of Germany |
| (31) Priority Document No                     | :102005050871.5-45                  | (72)Name of Inventor :<br><b>1)MATTHIAS LINDIG</b><br><b>2)JOACHIM GESSLEIN</b>                                                                                        |
| (32) Priority Date                            | :24/10/2005                         |                                                                                                                                                                        |
| (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 concerns a method and apparatus for the conditioning and homogenization of glass melts that are transported in flow channels (1) with a vertical central longitudinal plane (E-E) and side walls (3,4) by using the effect of alternating cross-section changes in the flow direction and stirrers (5) with vertical stirrer shafts (6), installed in the flow direction. To achieve the aims, on the one hand effective homogenization of the main glass stream in the flow channel, and on the other hand a high flexibility of the complete installation, according to the invention it is suggested that

a) the glass melt is transported through at least one flow channel (1), in which cross-section changes on both sides are created by several consecutive protrusions (7, 8) installed in the flow direction, such protrusions (7, 8) being directed towards the central longitudinal plane (E-E) and on their upstream sides (7a, 8a) and downstream sides (7b, 8b) have wall areas that are at such an angle to the central longitudinal plane (E-E), that no right-angled or acute- angled corners are created in the flow channel (1) and that

b) the stirrers (5) are installed between consecutive downstream sides (7b, 8b) and the upstream sides (7a, 8a) of the protrusions (7, 8).





(54) Title of the invention : METAL IMMUNITY IN A REVERSE MAGNETIC SYSTEM

(51) International classification

:A61B5/06;  
G01B7/004

(31) Priority Document No

:11/253,913

(32) Priority Date

:19/10/2005

(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 :

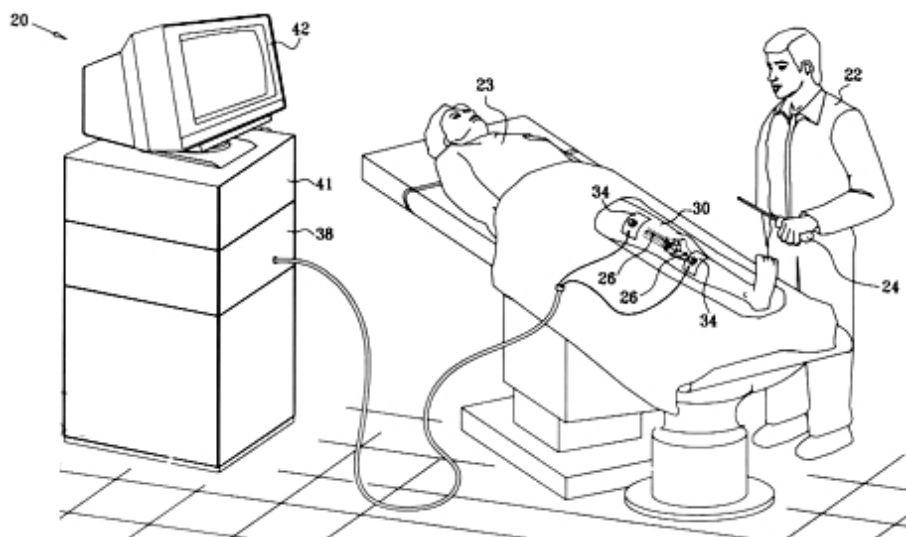
**1)Biosense Webster, Inc**Address of Applicant :3333 Diamond Canyon Road, Diamond Bar CA  
91765 U.S.A.

(72)Name of Inventor :

**1)Assaf Govari****2)Andres Claudio Altmann****3)Yaron Ephrath**

(57) Abstract :

A method for tracking an object includes fixing to the object a transmitter for transmitting a position-indicative magnetic field and providing a map of distortion of the position-indicative magnetic field caused by the object. A distorted magnetic field transmitted from the object is sensed. The distorted magnetic field includes the position-indicative magnetic field subject to the distortion caused by the object. Estimated coordinates of the object based on the sensed, distorted magnetic field are determined. The estimated coordinates and the map are used to compute corrected coordinates.



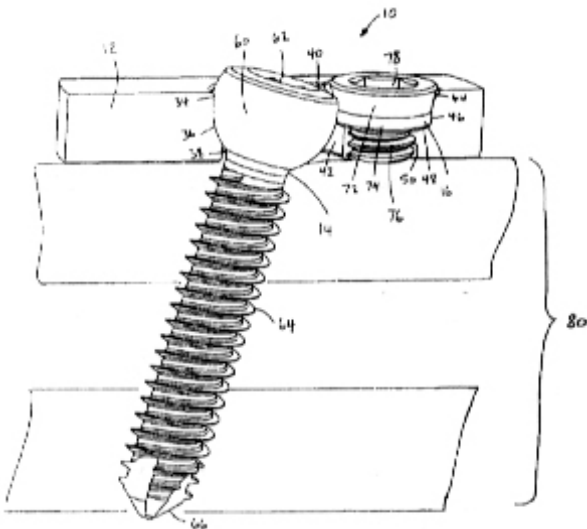
(54) Title of the invention : BONE PLATE SYSTEM WITH BONE SCREWS FIXED BY SECONDARY COMPRESSION

(51) International classification :A61B17/58  
 (31) Priority Document No :60/586,131  
 (32) Priority Date :07/07/2004  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2005/023855  
 Filing Date :05/07/2005  
 (87) International Publication No :WO 2006/014436  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)**Name of Applicant :**  
**1)DEPUY PRODUCTS,INC.**  
 Address of Applicant :700 ORTHOPAEDIC DRIVE WARSAW,IN  
 46581-0988 U.S.A.  
 (72)**Name of Inventor :**  
**1)JORGE L.ORBAY**  
**2)JAVIER E.CASTANEDA**  
**3)ROBERT GRAHAM**  
**4)CESARE CAVALLAZZI**

## (57) Abstract :

A bone plating system includes a plate, fixed angle and variable angle bone screws, and corresponding set screws for each type of the bone screws. The plate includes common openings adapted to receive the variable and fixed angle bone screws, both of which can be locked relative to the plate with the set screws. In all modes of use, a set screw, sometimes in combination with a sliding element, is then used to fix the level of compression and prevent loosening. In one mode of use, a bone screw can also be driven to cause displacement of the plate such that pressure is applied to maintain bone parts together about a fracture in tight engagement.



(54) Title of the invention : RECOVERY OF NITRATING ACID MIXTURES FROM NITRATION PROCESSES

(51) International classification

:C07C201/08;

C07C205/06

(31) Priority Document No

:102005050106.0

(32) Priority Date

:18/10/2005

(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 :

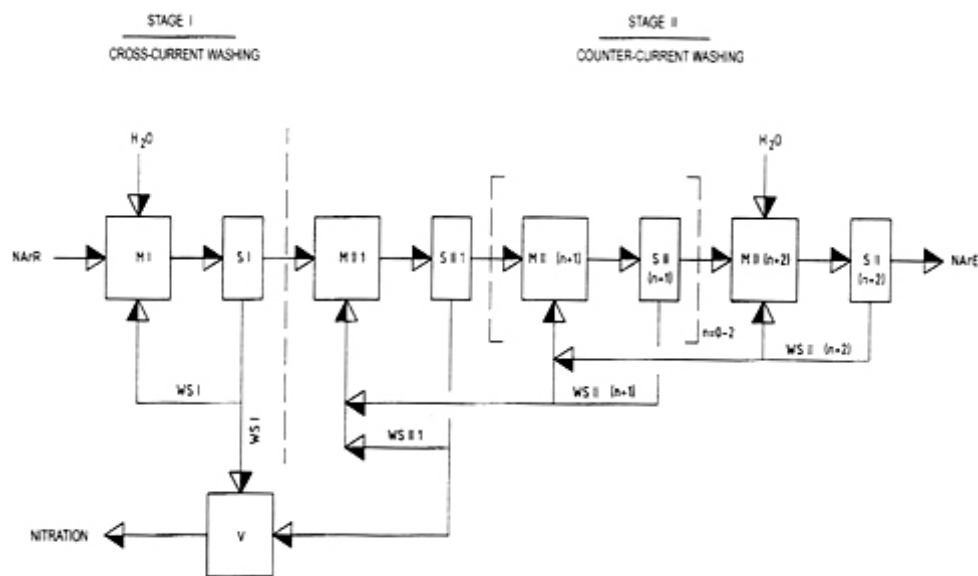
**1)JOSEF MEISSNER GMBH & CO.KG.**Address of Applicant :Bayenthalgurtel 16-20 D-50968 Koln (Cologne)  
Germany

(72)Name of Inventor :

**1)Dr. Heinrich Hermann****2)Mr. Jurgen Gebauer****3)Dr. Peter Konieczny****4) Dr. Mirko Handel**

(57) Abstract :

The invention relates to a process for removing and recovering nitrating acid mixtures, in particular nitric acid, sulphuric acid and oxides of nitrogen, from the nitrated crude products occurring in the nitration of nitratable aromatic compounds after the nitrating acid has been separated off, by acidic scrubbing by means of a multistage extraction process, the extraction process comprising a cross-flow extraction with downstream countercurrent extraction. The process permits essentially complete recovery of the abovementioned acids, including the oxides of nitrogen, in high concentrations, so that they can be recycled to the nitration and no longer pollute the wastewater.

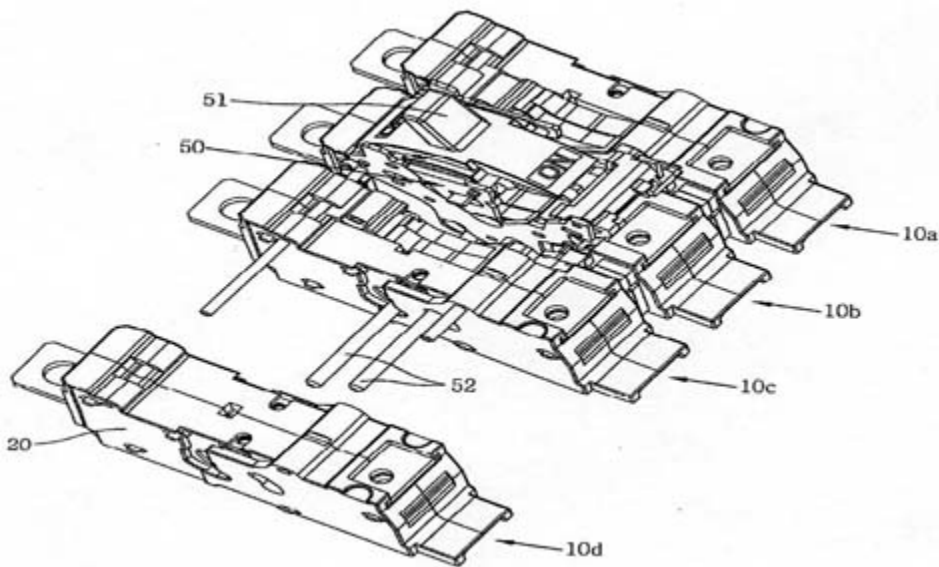


(54) Title of the invention : MULTI-POLE CIRCUIT BREAKER AND APPARATUS FOR PREVENTING DEFORMATION OF DRIVING SHAFT THEREOF

|                                               |                                        |                                                                                                                                                     |
|-----------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H71/52;<br>H01H71/02;<br>H01H71/10 | (71)Name of Applicant :<br><b>1)LS INDUSTRIAL SYSTEMS CO., LTD.</b><br>Address of Applicant :84-11,5GA,NAMDAEMUN-RO,JUNG-GU,SEOUL Republic of Korea |
| (31) Priority Document No                     | :93582/2005                            | (72)Name of Inventor :                                                                                                                              |
| (32) Priority Date                            | :05/10/2005                            | <b>1)AHN,BYOUNG-SOO</b>                                                                                                                             |
| (33) Name of priority country                 | :Republic of Korea                     |                                                                                                                                                     |
| (86) International Application No             | :NA                                    |                                                                                                                                                     |
| Filing Date                                   | :NA                                    |                                                                                                                                                     |
| (87) 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 are a multi-pole circuit breaker and an apparatus for preventing deformation of a driving shaft thereof. The multi-pole circuit breaker includes: a plurality of single pole breaking units having a pair of fixed contactors, a movable contactor, and shafts; a switching mechanism disposed on a certain one of the plurality of single pole breaking units; a pair of driving shafts connected to each shaft; and a driving shaft deformation prevention unit disposed between the single pole breaking unit, spaced relatively far from the switching unit among the plurality of single pole breaking units, and the adjacent single pole breaking unit.



(54) Title of the invention : ELECTRO - MECHANICAL TRANSMISSION WITH SIX SPEED RATIOS AND A METHOD OF REDESIGNING A TRANSMISSION

(51) International classification

:F16H3/72;  
F16H3/44

(31) Priority Document No

:11/285,682

(32) Priority Date

:21/11/2005

(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)GM GLOBAL TECHNOLOGY OPERATION INC**

Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

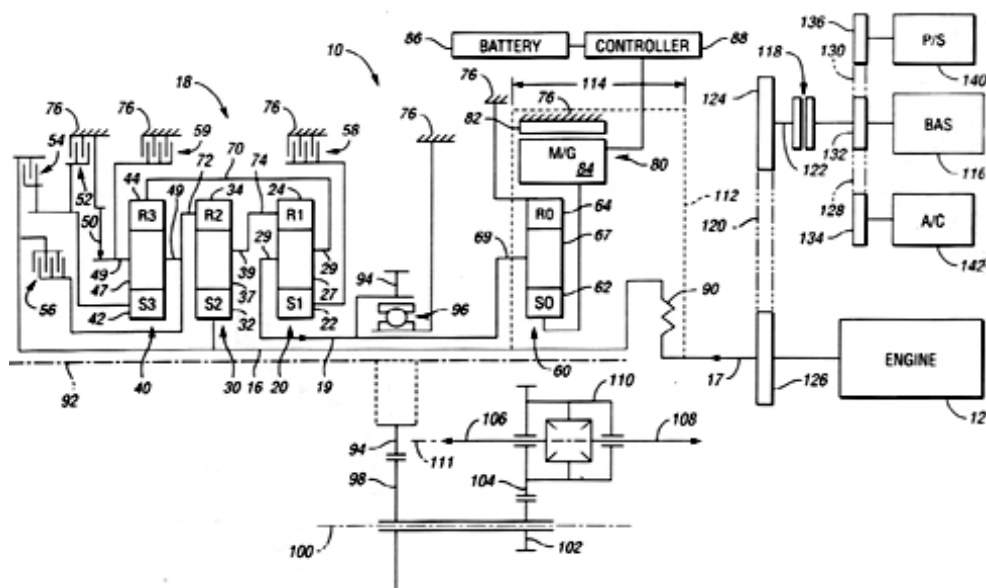
(72)Name of Inventor :

**1)Henryk Sowul**

**2)James D. Hendrickson**

(57) Abstract :

An electro-mechanical transmission is provided having an input member for receiving power from an engine and output member. A plurality of gear members is operable for changing speed ratio between the input member and output member. The input is connected with one of the gear members and the output member is connected with another of the gear members. A motor/generator is continuously operatively connected with the output member (via a planetary gear set) in parallel with the gear member that is continuously connected with the output member. The motor/generator is packaged axially between the input member and the plurality of gear members. The motor/generator is packaged in a packaging space typically utilized for a torque converter in a nonelectro-mechanical transmission. Thus, redesign of the nonelectro-mechanical transmission to achieve the electro-mechanical transmission involves a minimal number of steps.

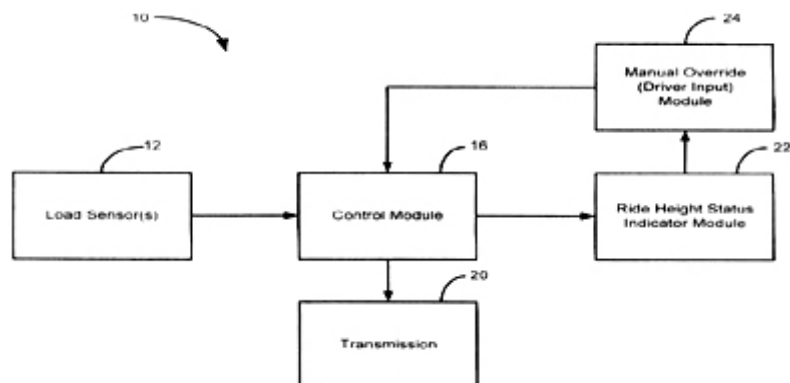


(54) Title of the invention : AUTOMATIC CALIBRATION OF VEHICLE TRANSMISSION USING LOAD SENSING

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :B60K17/00  | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/285,488 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                       |
| (32) Priority Date                            | :21/11/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)JEFFREY J.BIALLAS</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 automatically calibrating a transmission of a vehicle using load sensing includes sensing a change in ride height of the vehicle and measuring a magnitude of the change in ride height of the vehicle. The method includes selecting a predefined set of parameters to calibrate the transmission depending on the magnitude of the change in ride height and calibrating the transmission using the selected predefined set of parameters.



(54) Title of the invention : NOVEL POLYMER AND CEMENT ADMIXTURE USING THE SAME"

|                                               |                          |                                                                                |
|-----------------------------------------------|--------------------------|--------------------------------------------------------------------------------|
| (51) International classification             | :C08F20/06;<br>C08F20/00 | (71) <b>Name of Applicant :</b><br><b>1)NIPPON SHOKUBAI CO., LTD.</b>          |
| (31) Priority Document No                     | :JP2005-<br>280538       | Address of Applicant :1-1, KORAIBASHI 4-CHOME CHUO-KU<br>OSAKA-SHI OSAKA Japan |
| (32) Priority Date                            | :27/09/2005              | (72) <b>Name of Inventor :</b>                                                 |
| (33) Name of priority country                 | :Japan                   | <b>1)YUASA TSUTOMU</b>                                                         |
| (86) International Application No             | :NA                      | <b>2)SAKAMOTO NOBORU</b>                                                       |
| Filing Date                                   | :NA                      | <b>3)MATSUDA YUKO</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 :

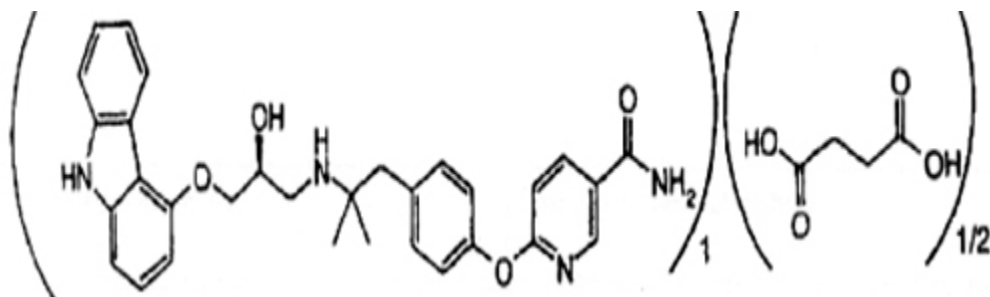
The present invention provides a novel polymer, and a mixture and a cement admixture thereof. The cement admixture has higher dispersibility compared to the previous ones. The novel polymer of the present invention has a different structure from the conventional copolymers used for cement admixtures, using an unsaturated carboxylic acid monomer and an unsaturated polyalkylene glycol monomer as the monomer components. The novel polymer of the present invention basically contains a polyalkylene glycol chain and a polymer segment bonded to the chain. Another type of the novel polymer of the present invention contains two polyalkylene glycol chains and a polymer segment connecting the chains. In these polymers, at least one of unsaturated, monomers constituting the polymer segment is an unsaturated carboxylic acid monomer or an unsaturated polyalkylene glycol monomer. The cement admixture of the present invention comprises a polymer, made from these monomers, or a mixture thereof.

(54) Title of the invention : "A CRYSTALLINE VARIABLE HYDRATE OF (S)-6-(4-(2-(9H-CARBAZOL-4-YLOXY)-2-HYDROXYPROPYL)AMINO)-2-METHYLPROPYL)PHENOXY)-3-PYRIDINICARBOX AMIDE HEMISUCCINATE SALT"

|                                               |                                          |                                                                                                                                                                                                                                                |
|-----------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D401/12;<br>A61K31/4439;<br>A61P3/04 | (71)Name of Applicant :<br><b>1)ELI LILLY AND COMPANY</b><br>Address of Applicant :A CORPORATION OF THE STATE OF INDIANA, HAVING A PRINCIPAL PLACE OF BUSINESS AT LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA 46285, U.S.A. |
| (31) Priority Document No                     | :60/590,251                              |                                                                                                                                                                                                                                                |
| (32) Priority Date                            | :22/07/2004                              |                                                                                                                                                                                                                                                |
| (33) Name of priority country                 | :U.S.A.                                  |                                                                                                                                                                                                                                                |
| (86) International Application No             | :PCT/US2005/024886                       | (72)Name of Inventor :                                                                                                                                                                                                                         |
| Filing Date                                   | :14/07/2005                              | <b>1)JULIE KAY BUSH</b>                                                                                                                                                                                                                        |
| (87) International Publication No             | :WO 2006/019835                          |                                                                                                                                                                                                                                                |
| (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 crystalline variable hydrate of (S)-(-3-pyridinecarboxamide 6-[4-[2-[[3-(9H-carbazol-4-yloxy)-2-hydroxypropyl]amino]-2-methylpropyl]phenoxy])-hemi-succinate, a pharmaceutical formulation containing said salt and to methods for treating obesity and/or Type 2 diabetes using said salt.



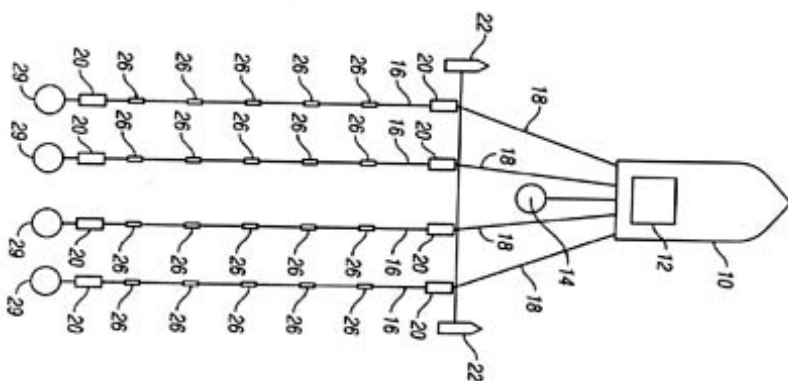


(54) Title of the invention : SHORT SEISMIC STREAMER STRETCH SECTION WITH ADJUSTABLE SPRING FORCE

|                                               |             |                                                             |
|-----------------------------------------------|-------------|-------------------------------------------------------------|
| (51) International classification             | :G01V1/38   | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :11/316,259 | <b>1)PGS GEOPHYSICAL AS</b>                                 |
| (32) Priority Date                            | :21/12/2005 | Address of Applicant :STRANDVEIEN 4, N-1366 LYSAKER, Norway |
| (33) Name of priority country                 | :U.S.A.     | (72) <b>Name of Inventor :</b>                              |
| (86) International Application No             | :NA         | <b>1)HARRICK BRUCE WILLIAM</b>                              |
| Filing Date                                   | :NA         | <b>2)GRONEMEYER MICHAEL GUNTER</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 seismic streamer stretch section includes at least one spring member. The section includes means for coupling the at least one spring member at each end to at least one of a seismic streamer and a seismic lead in cable, and a cable coupled at its ends the means for coupling. The cable is capable of carrying electrical and/or optical signals. The cable is formed such that it undergoes substantially no axial strain when the spring member is elongated.

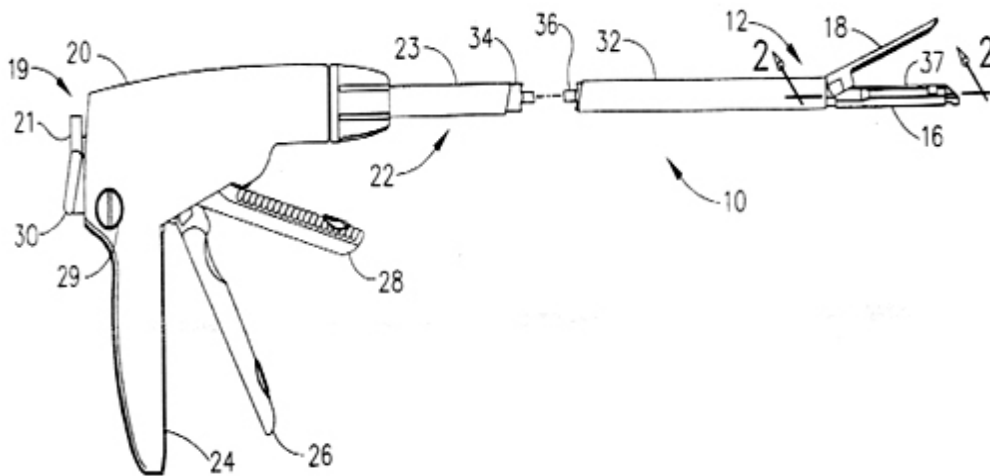


(54) Title of the invention : SURGICAL STAPLING INSTRUMENT HAVING PRELOADED FIRING ASSISTANCE MECHANISM

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/238,291 | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |
| (32) Priority Date                            | :29/09/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                            |
| (86) International Application No             | :NA         | <b>1)Fredrick E. Shelton IV</b>                                   |
| Filing Date                                   | :NA         | <b>2)Jeffrey S. Swayze</b>                                        |
| (87) International Publication No             | : NA        | <b>3)Eugene L. Timperman</b>                                      |
| (61) Patent of Addition to Application Number | :NA         | <b>4)Leslie M. Fugikawa</b>                                       |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

## (57) Abstract :

A surgical severing and stapling instrument clamps tissue in a staple applying assembly comprising a lower jaw of an elongate channel holding a staple cartridge and pivotally opposed upper jaw (anvil). A firing handle drives a rack in a handle connected to a firing rod and bar that pass through an elongate shaft and into the staple applying assembly to sever and staple tissue. Upon release of the firing handle, a retraction spring assists in withdrawing the rack and other firing components. To advantageously assist in firing, a spring biased plunger is cocked prior to firing to impart assistance upon depression of the firing trigger. Alternatively, a torsion coil spring ratchet mechanism is preloaded to act through a gear into the rack to assist. As a further alternative, a retraction spring is preloaded and disengaged until the rack is fully fired.

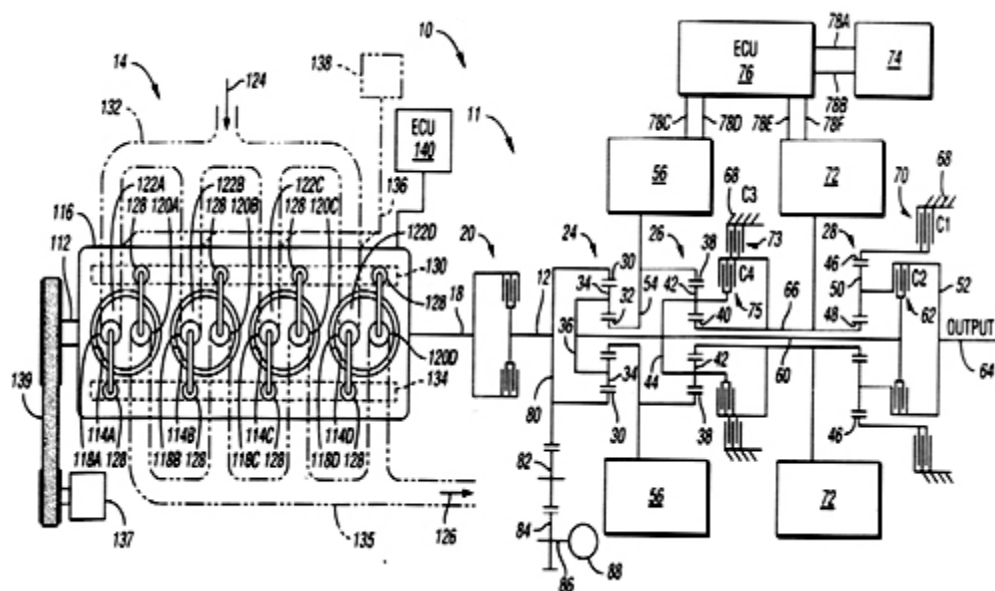


(54) Title of the invention : HYBRID POWERTRAIN HAVING A ELECTRICALLY VARIABLE TRANSMISSION AND ENGINE VALVE CONTROL

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :F16H3/44   | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/286,709 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                       |
| (32) Priority Date                            | :23/11/2005 | Address of Applicant :300 GM Renaissance Center Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                 |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                            |
| Filing Date                                   | :NA         | <b>1)ALAN G. HOLMES</b>                                           |
| (87) International Publication No             | : NA        | <b>2)MICHAEL R. SCHMIDT</b>                                       |
| (61) Patent of Addition to Application Number | :NA         | <b>3)DONALD KLEMEN</b>                                            |
| Filing Date                                   | :NA         | <b>4)ANTHONY H. HEAP</b>                                          |
| (62) Divisional to Application Number         | :NA         | <b>5)GREGORY A. HUBBARD</b>                                       |
| Filing Date                                   | :NA         | <b>6)LARRY T. NITZ</b>                                            |

(57) Abstract :

A hybrid powertrain includes an electrically variable transmission and an internal combustion engine. The transmission is operable to provide a continuously variable mode of operation. The engine is capable of variable displacement in that at least half of the cylinders contained therein are deactivatable. Additionally the internal combustion engine operates with a late intake valve closing strategy to increase the peak efficiency of the internal combustion engine.

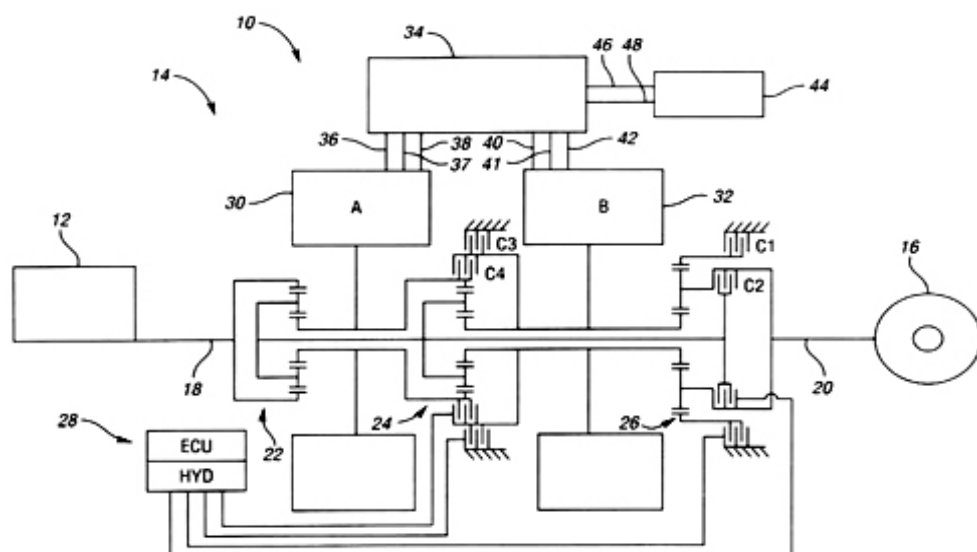


(54) Title of the invention : MULTIPLEXED CONTROL SYSTEM AND METHOD FOR AN ELECTRICALLY VARIABLE HYBRID TRANSMISSION

|                                               |             |                                                                    |
|-----------------------------------------------|-------------|--------------------------------------------------------------------|
| (51) International classification             | :F16H31/00  | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :11/285,681 | <b>1)GM GLOBAL TECHNOLOGY OPERATION INC</b>                        |
| (32) Priority Date                            | :21/11/2005 | Address of Applicant :300 GM Renaissance Center, Detroit, Michigan |
| (33) Name of priority country                 | :U.S.A.     | 48265-3000 U.S.A.                                                  |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                             |
| Filing Date                                   | :NA         | <b>1)Charles F. Long</b>                                           |
| (87) International Publication No             | : NA        | <b>2)Michael D. Foster</b>                                         |
| (61) Patent of Addition to Application Number | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |
| (62) Divisional to Application Number         | :NA         |                                                                    |
| Filing Date                                   | :NA         |                                                                    |

(57) Abstract :

A powertrain has an electrically variable hybrid transmission having an electro-hydraulic control system, plurality of electrical power units, and a plurality of torque transmitting mechanisms selectively engageable by the electro-hydraulic control system to provide four forward speed ranges, a neutral condition, an electric low and high speed mode, and an electrically variable low and high speed mode. Additionally, the electrically variable hybrid transmission provides a parallel reverse mode and a series reverse mode. The present invention provides an improved electro-hydraulic control system having a multiplexed electronic transmission range selection (ETRS) and reverse dog clutch system for an electrically variable hybrid transmission. The multiplexed control system of the present invention allows effective control of both the ETRS system and reverse dog clutch system using only one solenoid valve.



(54) Title of the invention : QUICK EGR FLOW RESTRICTION TEST BASED ON COMPENSATED MASS FLOW DIFFERENTIAL

(51) International classification

:F02M25/07;

F02B47/08;

G01M19/00

(31) Priority Document No

:11/289,946

(32) Priority Date

:30/11/2005

(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 :

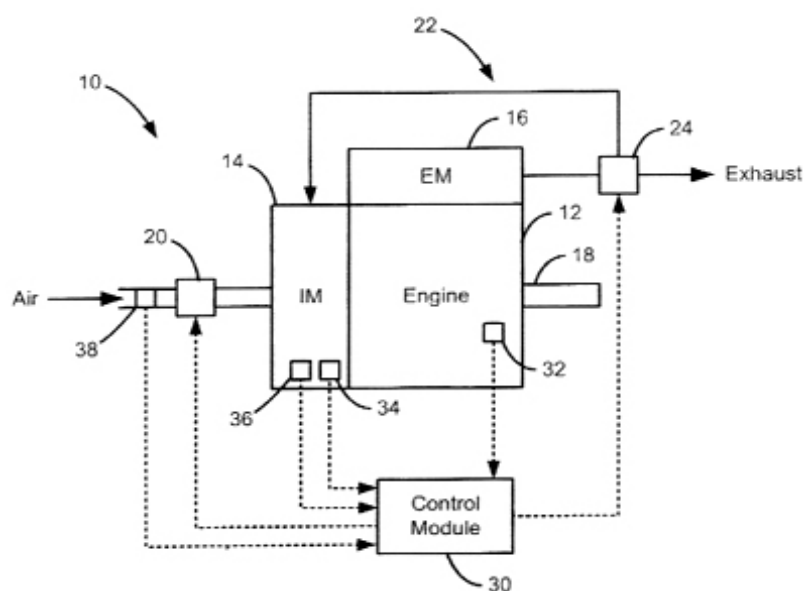
**1)GM GLOBAL TECHNOLOGY OPERATION INC**Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
48265-3000 U.S.A.

(72)Name of Inventor :

**1)WENBO WANG****2)KURT D. MC LAIN**

(57) Abstract :

An engine control system that monitors flow restriction through an exhaust gas recirculation (EGR) system of an engine includes a first module that calculates a test EGR mass flow rate based on a first average EGR mass flow rate when the EGR system is in an EGR OFF mode and a second average EGR mass flow rate when the EGR system is in an EGR ON mode. A second module selectively generates a fault signal based on the test EGR mass flow rate.



(54) Title of the invention : INTAKE MANIFOLD PRESSURE CONTROL APPARATUS AND METHOD FOR A HYBRID PROPULSION SYSTEM

(51) International classification

:F02M35/104;

F02B67/04

(31) Priority Document No

:11/284,526

(32) Priority Date

:21/11/2005

(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)GM GLOBAL TECHNOLOGY OPERATION INC

Address of Applicant :300 GM Renaissance Center Detroit, Michigan  
265-3000 U.S.A.

**(72)Name of Inventor :**

**1)GORO TAMAI**

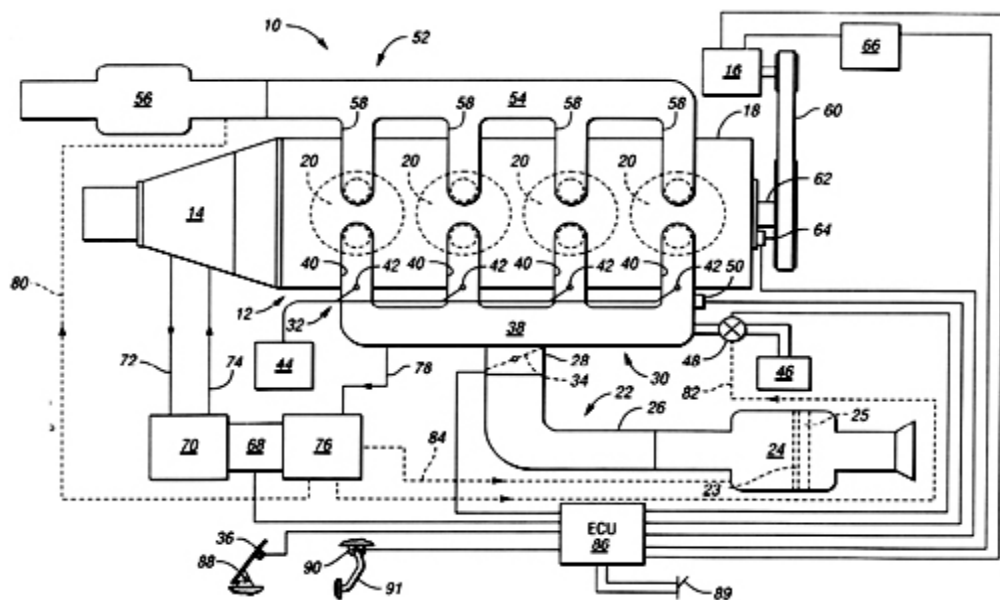
## 2) WILLIAM L. ALDRICH III

### 3)NATHANIEL S. EPPERLY

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(57) Abstract :

Provided is an intake manifold pressure control apparatus, or vacuum pump, for a hybrid propulsion system. The vacuum pump is operable to evacuate the intake manifold of an internal combustion engine, thereby lowering the Manifold Absolute Pressure, or MAP, to a predetermined level to enable a quick restart of the internal combustion engine. This vacuum pump may also be used to evacuate hydrocarbons, or HCs, from within the intake system to prevent evaporative emissions from the intake manifold upon engine shutdown. In the preferred embodiment, the vacuum pump is operated by a motor that can simultaneously operate an auxiliary transmission oil pump. Additionally, the present invention provides a method of controlling the hybrid propulsion system to enable the manifold pressure control apparatus to lower the MAP value within the intake manifold as well as a method of evacuating HCs from the intake manifold upon engine shutdown.



(54) Title of the invention : COLORANT PRESENTATION FOR PAD PRINTING

(51) International classification

:B41F17/00;  
G05D24/00

(31) Priority Document No

:11/236,131

(32) Priority Date

:27/09/2005

(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 :

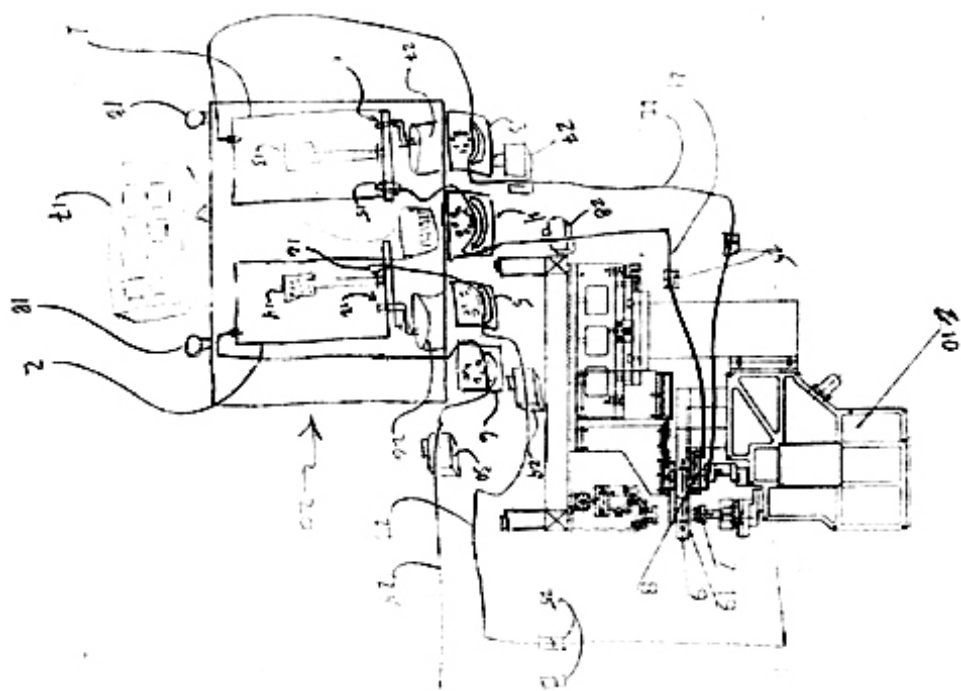
**1)JOHNSON & JOHNSON VISION CARE, INC**Address of Applicant :7500 Centurion Parkway Suite 100, Jacksonville,  
FL 32256 U.S.A.

(72)Name of Inventor :

**1)Michael F.Widman****2)Joseph Ryan****3)Aiden Fleming****4)P. Mark Powell**

(57) Abstract :

The present invention provides systems and methods for providing colorant to a colorant cup apparatus that is adjacent to a pad printing cliché. The fluid colorant is fed from a colorant container through a feed conduit to the cup and an inline viscometer external to the colorant container measures the viscosity of colorant within the feed conduit. A control mechanism can dispense colorant solvent into the colorant container based upon a viscosity measurement performed by the inline viscometer. The disclosed systems, colorant cups and methods are useful in the preparation of tinted contact lenses.

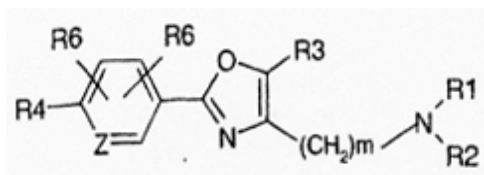


(54) Title of the invention : "OXAZOLE DERIVATIVES AS HISTAMINE H3 RECEPTOR AGENTS, PREPARATION AND THERAPEUTIC USES"

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(51) International classification :C07D263/32;<br/>A61K31/422;<br/>A61P25/00</p> <p>(31) Priority Document No :60/591,191</p> <p>(32) Priority Date :26/07/2004</p> <p>(33) Name of priority country :U.S.A.</p> <p>(86) International Application No :PCT/US2005/024883<br/>Filing Date :14/07/2005</p> <p>(87) International Publication No :WO 2006/019833</p> <p>(61) Patent of Addition to Application Number :NA<br/>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA<br/>Filing Date :NA</p> | <p>(71)<b>Name of Applicant :</b><br/><b>1)ELI LILLY AND COMPANY</b><br/>Address of Applicant :A CORPORATION OF THE STATE OF INDIANA, HAVING A PRINCIPAL PLACE OF BUSINESS AT LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA 46285, U.S.A.</p> <p>(72)<b>Name of Inventor :</b><br/><b>1)LISA SELSAM BEAVERS</b><br/><b>2)SERGE LOUIS BOULET</b><br/><b>3)FINN TERRY PATRICK</b><br/><b>4)ROBERT ALAN GADSKI</b><br/><b>5)WILLIAM JOSEPH HORNBACK</b><br/><b>6)CYNTHIA DARSHINI JESUDASON</b><br/><b>7)RICHARD TODD PICKARD</b><br/><b>8)FREDDIE CRAIG STEVENS</b><br/><b>9)GRANT MATHEWS VAUGHT</b></p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## (57) Abstract :

The present invention discloses novel aryl oxazole compounds of Formula I (I), or pharmaceutically acceptable salts thereof, which have histamine-H3 receptor antagonist or inverse agonist activity, as well as methods for preparing and using such compounds. In another embodiment, the invention disclose pharmaceutical compositions comprising compounds of Formula I as well as methods of using these compositions to treat obesity, cognitive deficiencies, narcolepsy, and other histamine H3 receptor related diseases. Formula I (I) or a pharmaceutically acceptable salt thereof, wherein: m is independently at each occurrence 1, 2, or 3, Z independently represents carbon (substituted with hydrogen or the optional substituents indicated herein) or nitrogen, provided that when Z is nitrogen then R6 is not attached to Z; R1 and R2 are independently -(C1-C7) alkyl(optionally substituted with one to three halogens), or R1 and R2 and the nitrogen to which they are attached form an azetidiny ring, a pyrrolidinyl ring, or a piperidinyl ring, wherein further the azetidiny, pyrrolidinyl, or piperidinyl ring so formed may be optionally substituted one to three times with R5; R6 is independently to each occurrence -H, -halogen, or-CH3.





(54) Title of the invention : DISPOSABLE SANITARY NAPKIN WITH PULL-TAB AND METHOD FOR THE MANUFACTURE THEREOF

(51) International classification

:A61F13/15;

A61F13/505;

A61F13/15

(31) Priority Document No

:60/721,362

(32) Priority Date

:28/09/20054

(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)JOHNSON & JOHNSON INC**

Address of Applicant :7101 Notre-Dame East Montreal, Quebec HIN

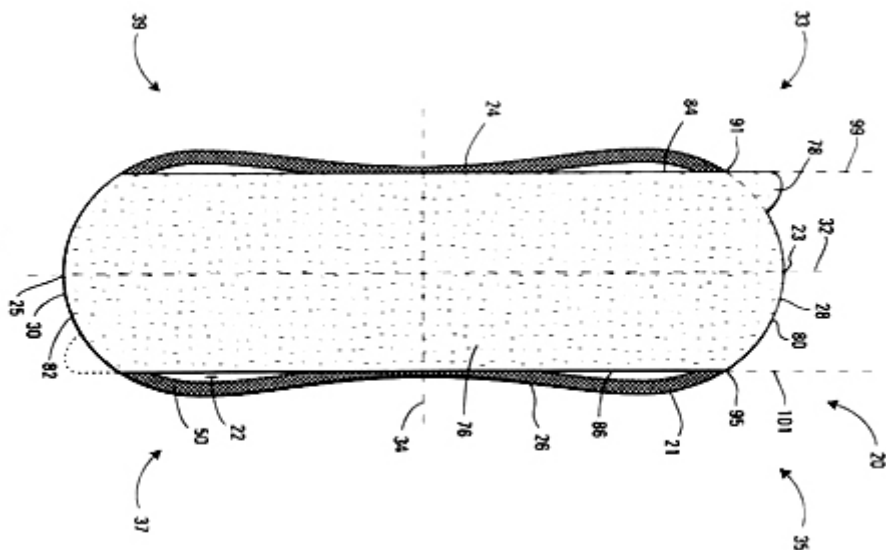
2G4 Canada

(72)Name of Inventor :

**1)Alexandre Wetter****2)Stephane Joubert****3)Louis Canuel**

(57) Abstract :

The invention provides a disposable sanitary napkin. The sanitary napkin comprises: a main body; an adhesive fastener; at least one peelable protective layer; and at least one pull-tab. The main body, which is adapted for absorbing bodily exudates, also includes: an upper surface, which faces toward the wearer when the napkin is in use; a lower surface, which faces away from the user; a longitudinally extending centerline; a transversally extending centerline; and a peripheral edge. The adhesive fastener is covered by the peelable protective layer prior to the napkin's use. The pull tab contacts the peelable protective layer to promote separation of the peelable protective layer from the adhesive fastener when the pull tab is being pulled.



(54) Title of the invention : A CAPSULE AND A PROCESS AND AN APPARATUS FOR FORMING THE SAME.

(51) International classification :A61J3/07  
 (31) Priority Document No :0005016.1  
 (32) Priority Date :01/03/2000  
 (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 :  
 Filed on IN/PCT/200201230  
 : 27.09.2002

(71)Name of Applicant :

**1)PVAXX RESEARCH AND DEVELOPMENT LIMITED**

Address of Applicant :UNIT 4 DOVECOT

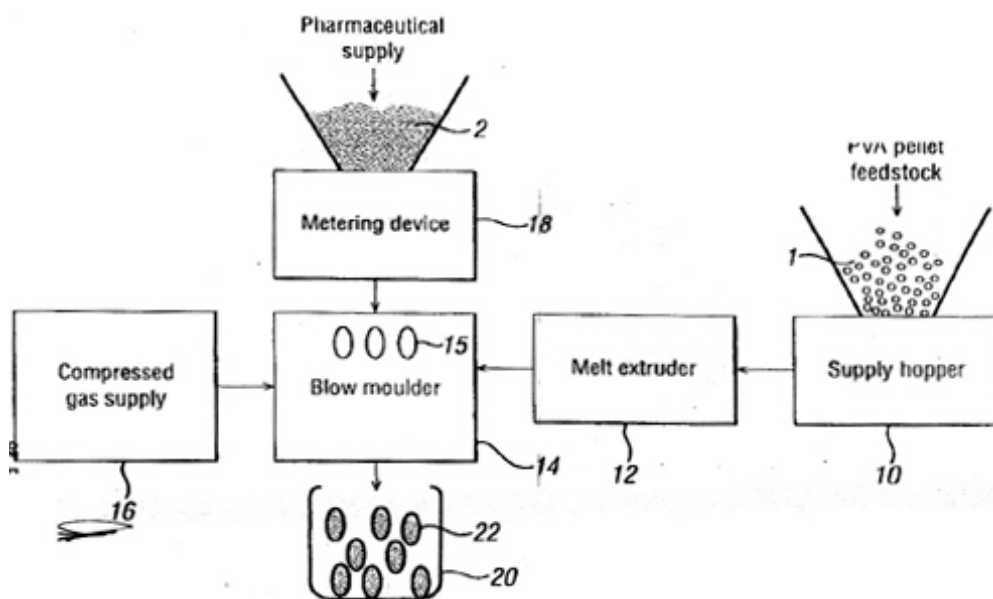
WORKSHOPS,BARNSELY PARK ESTATE, BARNSELY, Nr  
CIRENCESTER, GLOUCESTERSHIRE GL7 5EG,UNITED KINGDOM  
U.K.

(72)Name of Inventor :

**1)STEVENS HENRY GUY****2) DAWSON JOHN COLIN**

(57) Abstract :

There is disclosed an injection moulded capsule having solubilisable walls formed from a PVA containing composition and containing a substance, other than a consumable substance such as a pharmaceutical, for release upon solubilisation of the PVA containing composition, wherein the PVA composition comprises up to 20% by weight of a plasticiser, as well as up to 5% by weight of a straight or branched chain C12 to C24 fatty acid amide as a lubricant. A process and an apparatus for forming the capsule are also disclosed.

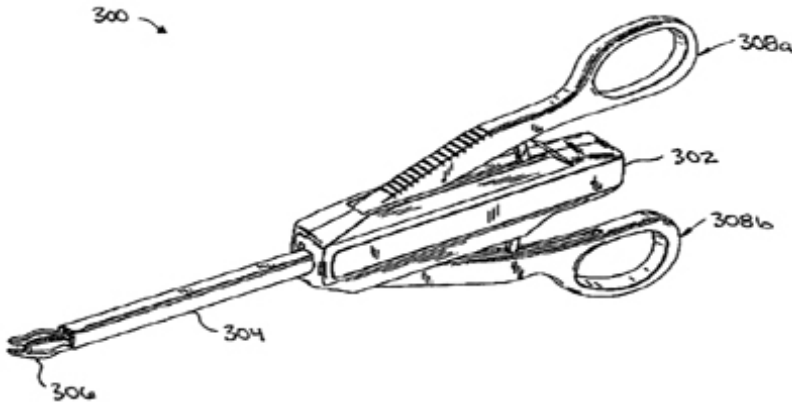


(54) Title of the invention : ELECTROACTIVE POLYMER-BASED ARTICULATION MECHANISM FOR MULTI - FIRE SURGICAL FASTENING INSTRUMENT

|                                               |             |                                                                   |
|-----------------------------------------------|-------------|-------------------------------------------------------------------|
| (51) International classification             | :A61B17/068 | (71)Name of Applicant :                                           |
| (31) Priority Document No                     | :11/162,984 | <b>1)ETHICON ENDO-SURGERY, INC</b>                                |
| (32) Priority Date                            | :30/09/2005 | Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                            |
| (86) International Application No             | :NA         | <b>1)MARK S.ORTIZ</b>                                             |
| Filing Date                                   | :NA         | <b>2)FREDRICK E. SHELTON IV</b>                                   |
| (87) International Publication No             | : NA        | <b>3)JOSEPH CHARLES HUEIL</b>                                     |
| (61) Patent of Addition to Application Number | :NA         | <b>4)JEFFERY S. SWAYZE</b>                                        |
| Filing Date                                   | :NA         |                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                   |
| Filing Date                                   | :NA         |                                                                   |

(57) Abstract :

Methods and devices are provided for effecting movement of one or more components of a multifire device, such as a clip applier, hernia tacker, or skin stapler. In one exemplary embodiment, a surgical fastening instrument is provided having an elongate shaft with an end effector coupled thereto and adapted to apply one or more surgical fasteners to tissue. An electrically expandable and contractible actuator, such as an electroactive polymer actuator, can be used to drive a fastener advancing or forming assembly through the elongate shaft, thereby driving a surgical fastener into tissue. In another embodiment, an electrically expandable and contractible actuator, such as an electroactive polymer actuator, can be used to effect movement of an articulation joint formed between the elongate shaft and the end effector.



## **RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970 READ WITH RULE 86**

Notice is hereby given that an application for restoration of 174895 made by Shri. Pavuluri Rama Lakshmana Rao on 18/06/2003 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 184190 made by Shri.Ojila Sundararama Reddi on 29/08/2003 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 180784 made by TT Limited on 22/09/2003 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 181223 made by Dr. P.V. Prabhakar Rao on 12/01/2004 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 184915 made by Shri. S. Gopalakrishnan on 19/12/2003 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 182573 made by Bracco Imaging S.P.A., Italy on 14/02/2005 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 182809 made by Bracco Imaging S.P.A. on 14/02/2005 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 190853 made by Prof. Ravikanti Vimaladevi & others on 11/04/2005 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 187716 made by Dr. Reddy's Research Foundation on 25/05/2005 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 184189 made by Bracco Imaging S.P.A. on 21/11/2005 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 181989 made by Lakshmi Machine Works Limited on 24/05/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 184389 made by Kimberly - Clark Worldwide Incorporated on 28/07/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 184346 made by Kimberly - Clark Worldwide Incorporated on 28/07/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 184347 made by Kimberly - Clark worldwide Incorporated on 28/07/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 184348 made by Kimberly - Clark Worldwide Incorporated on 28/07/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 182100 made by Vittal Mallya Scientific Research Foundation on 03/10/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 190309 made by Mr. G. Ramachandran on 14/11/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 189669 made by Qualcomm Inc. on 29/08/2006 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 189670 made by Qualcomm Inc. on 29/08/2006 has been allowed and the said Patent is restored.

## PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT

Following Patents have been granted and any “person interested” in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

| Serial Number | Patent Number | Application Number    | Date of Application | Date of Priority | Title of Invention                                                                                   | Name of Patentee                                                                                                    | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
|---------------|---------------|-----------------------|---------------------|------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------|
| 1             | 193843        | 1410/MAS/1995         | 01/11/1995          | 04/11/1994       | AUTOMATIC BRAKE ADJUSTER                                                                             | <b>MERITOR AUTOMOTIVE, INC</b>                                                                                      | 28/08/2004                                | CHENNAI            |
| 2             | 201511        | 882/CHE/2003          | 31/10/2003          |                  | AN EVAPORATION BOAT USEFUL FOR METALLIZATION AND A PROCESS FOR THE PREPARATIONS OF SUCH BOATS        | <b>INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI), AND M/S SUPERVAC OILS</b> | 30/12/2005                                | CHENNAI            |
| 3             | 202280        | IN/PCT/2000/186/CHE   | 15/10/1999          | 15/10/1998       | A LIGHTER RESISTANT TO USE BY UNINTENDED USERS                                                       | <b>BIC CORPORATION</b>                                                                                              | 23/09/2005                                | CHENNAI            |
| 4             | 202284        | IN/PCT/2000/274/CHE   | 03/02/1999          | 16/02/1998       | A FILTERING CARTRIDGE                                                                                | <b>LAICA S p A</b>                                                                                                  | 23/09/2005                                | CHENNAI            |
| 5             | 202285        | IN/PCT/2000/289/CHE   | 20/01/1999          | 20/01/1998       | MANUAL SYRINGE FOR ASPIRATING OR DISPENSING FLUID OR PASTY PRODUCTS                                  | <b>TECNOLOGIA S A S DI VALENTINO BRAZZALE &amp; C.</b>                                                              | 23/09/2005                                | CHENNAI            |
| 6             | 202425        | IN/PCT/2002/336/CHE   | 07/09/2000          | 07/09/1999       | A VACCINE COMPOSITION                                                                                | <b>SMITHKLINE BEECHAM BIOLOGICALS S.A.</b>                                                                          | 04/03/2005                                | CHENNAI            |
| 7             | 204074        | 146/CHENP/2003        | 14/05/2001          | 02/08/2000       | A PROCESS FOR THE PREPARATION OF A 2,3,5 - TRI - O - ACETYL - 4 - KETOPENTULOSONIC ACID METHYL ESTER | <b>MICHIGAN STATE UNIVERSITY</b>                                                                                    | 08/04/2005                                | CHENNAI            |
| 8             | 204075        | IN/PCT/2002/1446/CH E | 14/02/2000          | 14/02/2000       | PHOTOCURABLE/THERMO SETTING COMPOSITION FOR FORMING MATTE FILM.                                      | <b>TAIYO INK MANUFACTURING CO., LTD.,</b>                                                                           | 28/01/2005                                | CHENNAI            |
| 9             | 204077        | 509/MAS/2002          | 08/07/2002          |                  | A SINGLE MACHINE SYSTEM PERFORMING AS A STARTER MOTOR AND ALSO AS A GENERATOR FOR AN AUTOMOBILE      | <b>LUCAS-TVS LIMITED,</b>                                                                                           | 23/12/2005                                | CHENNAI            |
| 10            | 204114        | 1542/MAS/1998         | 10/07/1998          | 18/07/1997       | A NICKEL -BASED ALLOY                                                                                | <b>IMPHY S A</b>                                                                                                    | 09/09/2005                                | CHENNAI            |
| 11            | 204223        | IN/PCT/2002/1441/CH E | 12/03/2001          | 14/03/2000       | A METHOD FOR INTIALIZING A DRIVE CIRCUIT                                                             | <b>MICRO MOTION INC</b>                                                                                             | 28/01/2005                                | CHENNAI            |
| 12            | 204224        | IN/PCT/2002/1474/CH E | 24/08/2001          | 29/08/2000       | A RADIATION SENSITIVE REFRACTIVE INDEX CHANGING COMPOSITION                                          | <b>JSR CORPORATION</b>                                                                                              | 28/01/2005                                | CHENNAI            |
| 13            | 204225        | 487/MAS/2001          | 18/06/2001          |                  | A NOVEL HERBAL DRUG COMPOSITION AND PROCESS THE PREPARATION THEREOF                                  | <b>DR. POTHURAJU SURYA VENKATA SATYANARAYANA</b>                                                                    | 04/03/2005                                | CHENNAI            |
| 14            | 204226        | IN/PCT/2002/1415/CH E | 11/01/2001          | 11/01/2001       | A METERING DEVICE AND A METHOD FOR PROVIDING REAL TIME                                               | <b>MICRO MOTION INC</b>                                                                                             | 28/01/2005                                | CHENNAI            |

|    |        |                       |            |            |                                                                                                                                                                                                             |                                           |            |         |
|----|--------|-----------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------|---------|
|    |        |                       |            |            | TELEMETRY CONCERNING A FLOW STREAM                                                                                                                                                                          |                                           |            |         |
| 15 | 204227 | IN/PCT/2002/1513/CH E | 31/12/2001 | 31/12/2001 | A PROBE TIP ALIGNMENT METHOD FOR A PROBE TIP ARRAY                                                                                                                                                          | GILSON,INC                                | 28/01/2005 | CHENNAI |
| 16 | 204228 | IN/PCT/2002/1515/CH E | 16/03/2001 | 24/03/2000 | A MEDICAL DELIVERY DEVICE COMPRISING A FLEXIBLE PISTON ROD                                                                                                                                                  | NOVO NORDISK A/S                          | 28/01/2005 | CHENNAI |
| 17 | 204229 | IN/PCT/2002/1589/CH E | 02/03/2001 | 02/03/2000 | CERAMIC COMPOSITION                                                                                                                                                                                         | RECKITT BENCKISER N.V                     | 28/01/2005 | CHENNAI |
| 18 | 204230 | IN/PCT/2002/1716/CH E | 20/04/2000 | 20/04/2000 | DEVICE FOR CARRYING OUT WORK IN A ELEVATOR HOISTWAY                                                                                                                                                         | INVENTIO AG                               | 11/02/2005 | CHENNAI |
| 19 | 204231 | IN/PCT/2002/1780/CH E | 30/03/2001 | 03/04/2000 | A METHOD OF RADIO COMMUNICATION AND A RADIO UNIT                                                                                                                                                            | SANYO ELECTRIC CO., LTD.                  | 11/02/2005 | CHENNAI |
| 20 | 204232 | IN/PCT/2002/1783/CH E | 22/02/2002 | 03/03/2001 | HEAT TRANSFER APPARATUS FOR SAMPLE CONTAINING WELL PLATES                                                                                                                                                   | GILSON, INC.                              | 11/02/2005 | CHENNAI |
| 21 | 204233 | IN/PCT/2002/1824/CH E | 13/03/2001 | 13/03/2001 | METHOD AND A RECEIVER IN A COMMUNICATION SYSTEM FOR DEMODULATING A MODULATION SYMBOL WITHOUT KNOWLEDGE OF THE MODULATION CONSTELLATION EMPLOYED IN A TRANSMITTER TO MODULATE THE SYMBOL BEFORE TRANSMISSION | MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD   | 11/02/2005 | CHENNAI |
| 22 | 204234 | IN/PCT/2002/1842/CH E | 19/04/2001 | 19/04/2000 | COLOURED ANHYDROUS GEL ELEMENT                                                                                                                                                                              | RECKITT BENCKISER (UK) LIMITED            | 11/02/2005 | CHENNAI |
| 23 | 204235 | IN/PCT/2002/1907/CH E | 24/05/2000 | 24/05/2000 | A PRINthead FOR AN INKJET PRINTER                                                                                                                                                                           | SILVERBROOK RESEARCH PTY. LTD             | 11/02/2005 | CHENNAI |
| 24 | 204236 | IN/PCT/2002/1911/CH E | 24/05/2000 | 24/05/2000 | A METHOD OF FABRICATING MEMS DEVICES                                                                                                                                                                        | SILVERBROOK RESEARCH PTY LTD              | 11/02/2005 | CHENNAI |
| 25 | 204237 | IN/PCT/2002/1916/CH E | 24/05/2000 | 24/05/2000 | INK JET PRINthead HAVING A MOVING NOZZLE WITH AN EXTERNALLY ARRANGED ACTUATOR                                                                                                                               | SILVERBROOK RESEARCH PTY. LTD             | 11/02/2005 | CHENNAI |
| 26 | 204238 | IN/PCT/2002/1991/CH E | 10/05/2001 | 10/05/2000 | A METHOD FOR THE PRODUCTION OF AN INGESTIBLE COMPOSITION COMPRISING ISPAGHULA AND THE ISPAGHULA PRODUCED THEREBY                                                                                            | RECKITT BENCKISER HEALTHCARE (UK) LIMITED | 25/02/2005 | CHENNAI |
| 27 | 204239 | IN/PCT/2002/2054/CH E | 30/06/2000 | 30/06/2000 | INK JET FAULT TOLERANCE USING OVERSIZE DROPS                                                                                                                                                                | SILVERBROOK RESEARCH PTY LTD              | 25/02/2005 | CHENNAI |
| 28 | 204240 | IN/PCT/2002/2107/CH E | 19/06/2001 | 30/06/2000 | CONTAINER WITH STRUCTURAL RIBS                                                                                                                                                                              | PEPSICO, INC.                             | 25/02/2005 | CHENNAI |
| 29 | 204241 | 117/CHENP/2003        | 18/07/2001 | 19/07/2000 | APPARATUS FOR APPLICATION OF DYE TO A WEB                                                                                                                                                                   | PETER ZIMMER KEG                          | 08/04/2005 | CHENNAI |

|    |        |                       |            |            |                                                                                                                        |                                                |            |         |
|----|--------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------|---------|
| 30 | 204242 | 216/CHENP/2003        | 06/08/2001 | 14/08/2000 | A PROCESS FOR THE PREPARATION OF N-PROTECTED-3-PYRROLIDINE-LACTAM SUBSTITUTED PHOSPHONIUM SALTS                        | <b>BASILEA PHARMACEUTICA AG</b>                | 08/04/2005 | CHENNAI |
| 31 | 204243 | 22/CHENP/2003         | 10/07/2001 | 12/07/2000 | A PROCESS FOR PREPARING AN AROMATIC CARBONYL COMPOUND AND AN ALPHA - ALPHA-DIBROMO -ALPHA-CHLORO ACETOPHENONE COMPOUND | <b>GENEVA PHARMACEUTICALS, INC.</b>            | 08/04/2005 | CHENNAI |
| 32 | 204244 | 244/CHENP/2003        | 09/08/2001 | 10/08/2000 | AN EPILATORY COMPOSITION COMPRISING A ROSINOUS OR SUGAR-BASED MATRIX MATERIAL                                          | <b>RECKITT BENCKISER (UK) LIMITED</b>          | 08/04/2005 | CHENNAI |
| 33 | 204245 | 28/CHENP/2003         | 23/05/2001 | 10/07/2000 | A WIND TURBINE HAVING A RING GENERATOR                                                                                 | <b>ALOYS WOBLEN</b>                            | 08/04/2005 | CHENNAI |
| 34 | 204246 | 293/CHENP/2003        | 24/08/2001 | 24/08/2000 | NON-VOLATILE PASSIVE MATRIX DEVICE AND METHOD FOR READOUT OF THE SAME                                                  | <b>THIN FILM ELECTRONICS ASA</b>               | 08/04/2005 | CHENNAI |
| 35 | 204247 | IN/PCT/2002/1478/CH E | 29/09/2000 | 20/03/2000 | METHOD AND DEVICE FOR CONTINUALLY PRODUCING A SUSPENSION OF CELLULOSE IN AN AQUEOUS AMINE OXIDE                        | <b>ZIMMER AG</b>                               | 28/01/2005 | CHENNAI |
| 36 | 204248 | 72/CHENP/2003         | 20/06/2001 | 23/06/2000 | A RAZOR WITH A MOVABLE SHAVING HEAD AND A METHOD OF MOVEABLY COUPLING A HANDLE TO A SHAVING HEAD                       | <b>BIC VIOLEX S.A.</b>                         | 08/04/2005 | CHENNAI |
| 37 | 204249 | 427/CHENP/2003        | 19/09/2001 | 22/09/2000 | A DEVICE FOR THE MANUFACTURE OF A SPUN THREAD FROM A FIBRE SLIVER                                                      | <b>MASCHINENFABRIK RIETER AG</b>               | 15/04/2005 | CHENNAI |
| 38 | 204250 | 478/CHENP/2003        | 03/10/2000 | 03/10/2000 | A PROCESS OF ENRICHING A MIXTURE OF VERTEBRATE CELLS FOR HEPATIC PROGENITORS                                           | <b>UNIVERSITY OF NORTH CAROLINA</b>            | 15/04/2005 | CHENNAI |
| 39 | 204251 | 514/CHENP/2003        | 04/06/2001 | 15/09/2000 | NICKEL-BASE SUPERALLOY                                                                                                 | <b>CANNON-MUSKEGON CORPORATION</b>             | 15/04/2005 | CHENNAI |
| 40 | 204252 | 609/CHENP/2003        | 23/10/2001 | 23/10/2001 | METHOD FOR PRODUCING NATEGLINIDE B-TYPE CRYSTALS                                                                       | <b>AJINOMOTO CO.,INC.</b>                      | 15/04/2005 | CHENNAI |
| 41 | 204253 | 651/CHENP/2003        | 28/09/2001 | 03/10/2000 | A SCORCH RETARDANT CROSSLINKING COMPOSITION AND A PROCESS FOR PRODUCING THE SAME                                       | <b>ATOFINA</b>                                 | 15/04/2005 | CHENNAI |
| 42 | 204254 | 716/CHENP/2003        | 17/01/2001 | 14/01/2000 | OIL-HYDRAULIC VEHICLE                                                                                                  | <b>ASAHI CORPORATION</b>                       | 15/04/2005 | CHENNAI |
| 43 | 204255 | 765/CHENP/2003        | 20/11/2001 | 21/11/2000 | AN ESD DISSIPATIVE CERAMIC COMPONENT                                                                                   | <b>SAINT-GOBAIN CERAMICS AND PLASTICS, INC</b> | 15/04/2005 | CHENNAI |
| 44 | 204256 | 789/CHENP/2003        | 14/11/2001 | 28/11/2000 | GYROSCOPIC MASS FLOWMETER                                                                                              | <b>MICRO MOTION, INC.</b>                      | 15/04/2005 | CHENNAI |



|    |        |                       |            |            |                                                                                                     |                                         |            |         |
|----|--------|-----------------------|------------|------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|------------|---------|
| 45 | 204257 | 799/CHENP/2003        | 15/11/2001 | 23/11/2000 | A METHOD OF CONTROLLING A WIND POWER INSTALLATION                                                   | <b>ALOYS WOBLEN</b>                     | 15/04/2005 | CHENNAI |
| 46 | 204258 | 1005/CHENP/2003       | 14/11/2001 | 29/09/2000 | A METHOD FOR PROVIDING REMOTE CONFIGURATION OF FLOWMETERS                                           | <b>MICRO MOTION, INC.</b>               | 22/04/2005 | CHENNAI |
| 47 | 204259 | 1018/CHENP/2003       | 28/10/2002 | 29/10/2001 | ROLL DIAPHRAGM CONTROL VALVE                                                                        | <b>BERMAD, LIMITED PARTNERSHIP</b>      | 22/04/2005 | CHENNAI |
| 48 | 204260 | 1027/CHENP/2003       | 30/07/2002 | 02/08/2001 | STEEL PISTON RING                                                                                   | <b>KABUSHIKI KAISHA RIKEN</b>           | 22/04/2005 | CHENNAI |
| 49 | 204261 | 815/CHENP/2003        | 27/09/2002 | 28/09/2001 | CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE                                                       | <b>DENSO CORPORATION</b>                | 22/04/2005 | CHENNAI |
| 50 | 204262 | 816/CHENP/2003        | 15/11/2001 | 28/11/2000 | A WIND POWER INSTALLATION AND/OR A WIND PARK                                                        | <b>ALOYS WOBLEN</b>                     | 22/04/2005 | CHENNAI |
| 51 | 204263 | 823/CHENP/2003        | 26/10/2001 | 03/11/2000 | A METHOD FOR DETERMINING A FLOW RATE OF A MATERIAL AND A METER ELECTRONICS FOR A CORIOLIS FLOWMETER | <b>MICRO MOTION, INC.</b>               | 22/04/2005 | CHENNAI |
| 52 | 204264 | 837/CHENP/2003        | 28/11/2001 | 30/11/2000 | IMAGE PROCESSING METHOD FOR CHANGING A DYNAMIC RANGE OF AN ORIGINAL IMAGE                           | <b>CANON KABUSHIKI KAISHA</b>           | 22/04/2005 | CHENNAI |
| 53 | 204265 | 859/CHENP/2003        | 05/12/2001 | 07/12/2000 | A PROCESS FOR THE SEPARATION AND PURIFICATION OF EPOTHILONES FROM A RESIN                           | <b>NOVARTIS AG</b>                      | 22/04/2005 | CHENNAI |
| 54 | 204266 | 869/CHENP/2003        | 05/12/2001 | 05/12/2000 | IMPROVED USER INTERFACE                                                                             | <b>NOKIA CORPORATION</b>                | 22/04/2005 | CHENNAI |
| 55 | 204267 | 896/CHENP/2003        | 14/11/2001 | 09/12/2000 | ABRASIVE WHEELS WITH WORKPIECE VISION FEATURE                                                       | <b>SAINT-GOBAIN ABRASIVES, INC.</b>     | 22/04/2005 | CHENNAI |
| 56 | 204268 | 917/CHENP/2003        | 11/12/2001 | 12/12/2000 | A METHOD OF PREVENTING DAMAGE TO THE TERMINAL A HERMETIC COMPRESSOR AND A COMPARISON CIRCUIT        | <b>TECUMSEH PRODUCTS COMPANY</b>        | 22/04/2005 | CHENNAI |
| 57 | 204269 | 982/CHENP/2003        | 15/10/2001 | 22/12/2000 | METHODS AND APPARATUS FOR EXTRUDING A TUBULAR FILM                                                  | <b>OLE-BENDT RASMUSSEN</b>              | 22/04/2005 | CHENNAI |
| 58 | 204270 | IN/PCT/2002/1447/CH E | 15/09/2000 | 16/03/2000 | A PLASTIC CAP AND A METHOD OF MOLDING A STRIP EJECTABLE PLASTIC CAP                                 | <b>PECHINEY PLASTIC PACKAGING, INC.</b> | 28/01/2005 | CHENNAI |
| 59 | 204271 | IN/PCT/2000/438/CHE   | 19/03/1999 | 26/03/1998 | METHOD FOR MAKING A PHOTOVOLTAIC CELL                                                               | <b>AKZO NOBEL N.V.</b>                  | 23/12/2005 | CHENNAI |
| 60 | 204272 | 644/CHE/2003          | 07/08/2003 | 09/08/2002 | A DISTINCTIVE OPTICAL FIBER                                                                         | <b>FUJIKURA LTD</b>                     | 30/12/2005 | CHENNAI |
| 61 | 204273 | 725/CHE/2003          | 12/09/2003 |            | SUGARCANE DE-TRASHER                                                                                | <b>DR. G. KATHIRESAN,PH.D.,</b>         | 30/12/2005 | CHENNAI |
| 62 | 204274 | 799/CHE/2003          | 09/05/1996 | 17/08/1995 | A HAND - OPERATED PUNCH                                                                             | <b>ACCO BRANDS,INC</b>                  | 15/04/2005 | CHENNAI |
| 63 | 204275 | 898/CHE/2003          | 05/11/2003 |            | CONVERGENT PHOTO                                                                                    | <b>KUMARASAMY</b>                       | 30/12/2005 | CHENNAI |

|    |        |                      |            |            |                                                                                                                                                 |                                        |            |         |
|----|--------|----------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------|---------|
|    |        |                      |            |            | VOLTIC ENERGY.                                                                                                                                  | SOUNTHIRARAJAN                         |            |         |
| 64 | 204276 | 915/CHE/2003         | 10/11/2003 |            | PROCESS FOR THE PREPARATION OF N- [4-(3,4-DICHLORO PHENYL) - 3, 4 - DIHYDRO -1 -(2H) - NAPHTHALENYLIDENE] METHANAMINE (SERTRALINE INTERMEDIATE) | MATRIX LABORATORIES LTD                | 30/12/2005 | CHENNAI |
| 65 | 204278 | 989/CHE/2003         | 04/12/2003 |            | BLOCK AND BLOCK STATION AUTOMATION IN SINGLE LINE BIDIRECTIONAL SECTION                                                                         | R. T. VIKRAMAN                         | 30/12/2005 | CHENNAI |
| 66 | 204279 | 1929/CHENP/2003      | 10/06/2002 | 08/06/2001 | A METHOD OF PRODUCTION OF A CYCLIC L-AMINO ACID                                                                                                 | RHODIA CHIMIE                          | 01/06/2006 | CHENNAI |
| 67 | 204280 | 2070/CHENP/2003      | 29/05/2002 | 29/05/2001 | LIQUID SEAL PUMP OF THE HELICAL SCREW TYPE                                                                                                      | JETS AS                                | 06/01/2006 | CHENNAI |
| 68 | 204281 | 854/CHE/2003         | 23/10/2003 |            | MEGA DUMBBELL PRESS                                                                                                                             | I. LEO ARPUTHARAJ                      | 03/02/2006 | CHENNAI |
| 69 | 204282 | 932/CHE/2003         | 12/03/2002 | 16/05/2001 | A METHOD FOR MANUFACTURE OF FINE PARTICLES                                                                                                      | AUBURN UNIVERSITY                      | 03/02/2006 | CHENNAI |
| 70 | 204283 | 2336/MAS/1997        | 17/10/1997 | 21/10/1996 | 4-HYDRAZONO-3-TRIFLUOROMETHYL - 3 - HYDROXY CARBOXYLIC ACID AND A PROCESS FOR PRODUCING A PYRIDAZINE HERBICIDES THEREFROM                       | SUMITOMO CHEMICAL COMPANY LTD          | 04/03/2005 | CHENNAI |
| 71 | 204284 | 511/MAS/1998         | 12/03/1998 | 01/04/1997 | CEPHALOSPORIN DERIVATIVES                                                                                                                       | SANDOZ AG                              | 04/03/2005 | CHENNAI |
| 72 | 204285 | IN/PCT/2001/1668/CHE | 29/05/2000 | 31/05/1999 | AN ESSENTIALLY ANHYDROUS DITHIOCARBANTATE LIQUID FORMULATION                                                                                    | BASF AKTIENGESELLSCHAFT                | 04/03/2005 | CHENNAI |
| 73 | 204286 | IN/PCT/2001/226/CHE  | 19/08/1999 | 21/08/1998 | A SOLID ORAL PHARMACEUTICAL COMPOSITION                                                                                                         | NOVARTIS AG                            | 04/03/2005 | CHENNAI |
| 74 | 204287 | IN/PCT/2002/42/CHE   | 20/06/2000 | 26/09/1999 | A HERBICIDAL EMULSIFIABLE CONCENTRATE COMPOSITION                                                                                               | BASF AKTIENGESELLSCHAFT                | 04/03/2005 | CHENNAI |
| 75 | 204288 | 777/CHENP/2003       | 25/03/2003 | 25/03/2003 | PROCESS FOR PREPARATION OF TEGASEROD MALEATE CRYSTALLINE POLYMORPHS                                                                             | HETERO DRUGS LIMITED                   | 15/04/2005 | CHENNAI |
| 76 | 204289 | 48/CHE/2004          | 22/01/2004 |            | A METHOD FOR NOISE REDUCTION IN DATA ACQUISITION SYSTEMS                                                                                        | DEPARTMENT OF SPACE, ISRO              | 19/05/2006 | CHENNAI |
| 77 | 204290 | 1215/CHENP/2003      | 06/02/2002 | 06/02/2001 | TUBE FITTING WITH SEPARABLE TUBE GRIPPING RING                                                                                                  | SWAGELOK COMPANY                       | 18/11/2005 | CHENNAI |
| 78 | 204291 | 1407/CHENP/2003      | 07/03/2002 | 08/03/2001 | METHOD AND APPARATUS FOR AUTOMATIC CONTROL OF ACCESS                                                                                            | LEVIN, Shmuel                          | 25/11/2005 | CHENNAI |
| 79 | 204292 | 1409/CHENP/2003      | 13/03/2002 | 13/03/2001 | A COLD STORAGE APPLIANCE                                                                                                                        | APPLIED DESIGN AND ENGINEERING LIMITED | 25/11/2005 | CHENNAI |

|    |        |                       |            |            |                                                                                               |                                                 |            |         |
|----|--------|-----------------------|------------|------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------|------------|---------|
| 80 | 204293 | 1630/CHENP/2003       | 06/04/2001 | 06/04/2001 | A PLANT INVIGORATOR                                                                           | <b>BROUARD RODNEY WALTER</b>                    | 25/11/2005 | CHENNAI |
| 81 | 204294 | 25/CHE/2004           | 12/01/2004 |            | A UNIQUE SYNERGISTIC COMPOSITION FOR TREATMENT OF DANDRUFF AND A METHOD OF PREPARING THE SAME | <b>KARTAR LALVANI</b>                           | 02/12/2005 | CHENNAI |
| 82 | 204295 | 257/CHENP/2004        | 09/08/2002 | 09/08/2001 | A GATE VALVE ASSEMBLY AND A METHOD FOR ASSEMBLING THE SAME                                    | <b>WORLDWIDE OILFIELD MACHINE, INC.</b>         | 09/12/2005 | CHENNAI |
| 83 | 204296 | 975/CHE/2003          | 28/11/2003 | 02/12/2002 | METHOD FOR PRODUCING PESTICIDAL TABLET FOR ELECTRIC HEATING VAPORIZATION                      | <b>SUMITOMO CHEMICAL COMPANY LTD</b>            | 30/12/2005 | CHENNAI |
| 84 | 204297 | 2002/CHENP/2003       | 31/08/2001 | 31/08/2001 | A METHOD OF PROVIDING AN ESSENTIAL OIL EXTRACT OF CAPSICUM, AND THE EXTRACT                   | <b>NEW MEXICO TECHNICAL RESEARCH FOUNDATION</b> | 06/01/2006 | CHENNAI |
| 85 | 204298 | 485/CHE/2004          | 27/05/2004 | 29/05/2003 | A COMPRESSOR ASSEMBLY AND A METHOD OF MANUFACTURING A COMPRESSOR ASSEMBLY                     | <b>TECUMSEH PRODUCTS COMPANY</b>                | 10/02/2006 | CHENNAI |
| 86 | 204299 | 3046/CHENP/2004       | 25/06/2002 | 25/06/2002 | ROUTING METHOD AND NETWORK ELEMENT                                                            | <b>NOKIA CORPORATION</b>                        | 17/02/2006 | CHENNAI |
| 87 | 204300 | 3109/CHENP/2004       | 20/06/2003 | 26/06/2002 | METHOD AND DEVICE FOR CONFIGURING THE CONTROL UNIT OF A YARN PROCESSING SYSTEM                | <b>IROPA AG</b>                                 | 17/02/2006 | CHENNAI |
| 88 | 204301 | 416/CHE/2004          | 06/05/2004 | 04/04/2005 | PROCESS FOR THE PREPARATION OF OLANZAPINE FORM-I                                              | <b>MATRIX LABORATORIES LTD</b>                  | 19/05/2006 | CHENNAI |
| 89 | 204302 | 46/CHE/2004           | 22/01/2004 | 22/10/2004 | NOVEL INTERMEDIATES AND IMPROVED PROCESS FOR THE PREPARATION OF GEFITINIB.                    | <b>NATCO PHARMA LIMITED</b>                     | 26/05/2006 | CHENNAI |
| 90 | 204303 | IN/PCT/2002/1520/CH E | 23/03/2001 | 24/03/2000 | AMIDINO COMPOUND AND SALTS THEREOF USEFUL AS NITRIC OXIDE SYNTHASE INHIBITORS                 | <b>PHARMACIA CORPORATION</b>                    | 28/01/2005 | CHENNAI |
| 91 | 204304 | IN/PCT/2002/1552/CH E | 27/02/2001 | 31/03/2000 | COATING COMPOSITION                                                                           | <b>PPG INDUSTRIES OHIO, INC.</b>                | 28/01/2005 | CHENNAI |
| 92 | 204305 | IN/PCT/2002/1615/CH E | 05/04/2001 | 05/04/2000 | A METHOD OF MAKING A COMPOSITION COMPRISING ACTIVE PARTICLES AND THE COMPOSITION              | <b>VECTURA LIMITED</b>                          | 28/01/2005 | CHENNAI |
| 93 | 204306 | IN/PCT/2002/1676/CH E | 05/04/2001 | 19/04/2000 | POST-SHAPED ELEMENT FOR DETERMINING THE SPATIAL POSITION OF AN IMPLANT                        | <b>HERAEUS KULZER GMBH &amp; CO. KG</b>         | 11/02/2005 | CHENNAI |
| 94 | 204307 | IN/PCT/2002/1701/CH E | 19/04/2001 | 20/04/2000 | A METHOD FOR POSITION CONTROLLING IN A PACKAGING MACHINE AND A PACKAGING MACHINE THEREOF      | <b>TETRA LAVAL HOLDINGS &amp; FINANCE SA</b>    | 11/02/2005 | CHENNAI |
| 95 | 204308 | IN/PCT/2002/1720/CH E | 11/04/2001 | 24/04/2000 | A BIOSENSOR, A METHOD OF MAKING THE SAME                                                      | <b>KIMBERLY CLARK WORLDWIDE, INC.</b>           | 11/02/2005 | CHENNAI |

|     |        |                       |            |            |                                                                                                                                                    |                                                       |            |         |
|-----|--------|-----------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|---------|
|     |        |                       |            |            | AND A METHOD OF DETECTING AN ANALYTE                                                                                                               |                                                       |            |         |
| 96  | 204309 | IN/PCT/2002/1821/CH E | 08/05/2001 | 12/05/2000 | A METHOD OF HANDLING AN EXTRUDED RECONSTITUTED TOBACCO FILAMENT, A TOBACCO FILAMENT AND AN EXTRUDED FILAMENTARY TOBACCO PNEUMATIC CONVEYANCE MEANS | <b>BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED</b> | 11/02/2005 | CHENNAI |
| 97  | 204310 | IN/PCT/2002/1857/CH E | 17/04/2001 | 14/04/2000 | A METHOD AND SYSTEM FOR DIGITAL DOCUMENT PROCESSING                                                                                                | <b>PICSEL (RESEARCH) LIMITED</b>                      | 11/02/2005 | CHENNAI |
| 98  | 204311 | IN/PCT/2002/1894/CH E | 26/04/2001 | 23/05/2000 | A PROCESS FOR THE PREPARATION OF 2-CHLORO-5-CHLOROMETHYL-1,3-THIAZOLE                                                                              | <b>SYNGENTA PARTICIPATIONS AG</b>                     | 11/02/2005 | CHENNAI |
| 99  | 204312 | IN/PCT/2002/2129/CH E | 27/06/2001 | 27/06/2000 | A METHOD FOR MAKING COMPOSITE EXCIPIENT PARTICLES                                                                                                  | <b>VECTURA LIMITED</b>                                | 25/02/2005 | CHENNAI |
| 100 | 204313 | 17/CHENP/2003         | 05/07/2001 | 06/07/2000 | PROCESS FOR THE PREPARATION OF PROPYLENE OXIDE                                                                                                     | <b>BASF AKTIENGESELLSCHA FT</b>                       | 08/04/2005 | CHENNAI |
| 101 | 204314 | 230/CHENP/2003        | 20/08/2001 | 21/08/2000 | PRODRUG ACID ESTERS OF [ 2-(4-BENZYL-3-HYDROXY-PIPERINDIN-1-YL)-ETHANSULFONYL ] PHENOL                                                             | <b>F. HOFFMANN-LA ROCHE AG</b>                        | 08/04/2005 | CHENNAI |
| 102 | 204315 | 285/CHENP/2003        | 24/07/2001 | 02/08/2000 | A PROCESS FOR THE PREPARATION OF R-LIPOIC ACID OR S-LIPOIC ACID                                                                                    | <b>BASF AKTIENGESELLSCHA FT</b>                       | 08/04/2005 | CHENNAI |
| 103 | 204316 | 351/CHENP/2003        | 17/04/2001 | 11/09/2000 | A PROCESS FOR MAKING A LUBRICIOUS MEDICAL DEVICE                                                                                                   | <b>DOW GLOBAL TECHNOLOGIES INC</b>                    | 08/04/2005 | CHENNAI |
| 104 | 204317 | 49/CHENP/2003         | 09/07/2001 | 10/07/2000 | A DEVICE FOR GRIPPING A UNIT LOAD AND A TRANSPORT VEHICLE FOR A UNIT LOAD                                                                          | <b>ALOYS WOBLEN</b>                                   | 08/04/2005 | CHENNAI |
| 105 | 204318 | 563/CHENP/2003        | 19/10/2001 | 20/10/2000 | MOVING NOZZLE INK JET WITH INLET RESTRICTION                                                                                                       | <b>SILVERBROOK RESEARCH PTY LTD</b>                   | 15/04/2005 | CHENNAI |
| 106 | 204319 | 1126/CHENP/2003       | 22/01/2002 | 25/01/2001 | PROCESS FOR THE PREPARATION OF HETEROCYCLIC INDENE ANALOGS                                                                                         | <b>F. HOFFMANN-LA ROCHE AG</b>                        | 22/04/2005 | CHENNAI |
| 107 | 204320 | 1625/CHENP/2003       | 13/04/2001 | 13/04/2001 | A PREFILLABLE INTRADERMAL INJECTOR                                                                                                                 | <b>BECTON DICKINSON AND COMPANY</b>                   | 25/11/2005 | CHENNAI |
| 108 | 204321 | 131/CHE/2004          | 19/02/2004 |            | AN AUTOMATIC BRAKE ADJUSTER FOR ADJUSTING THE SLACK BETWEEN THE BRAKE LINING AND BRAKE DRUM OF A VEHICULAR BRAKING SYSTEM                          | <b>MADRAS ENGINEERING INDUSTRIES PRIVATE LIMITED</b>  | 19/05/2006 | CHENNAI |
| 109 | 204322 | 921/CHE/2004          | 14/09/2004 |            | AN IMPROVED THRESHING CUM SEPERATING MACHINE                                                                                                       | <b>VALASUMANI LATHE WORKS,</b>                        | 16/06/2006 | CHENNAI |
| 110 | 204414 | 107/CHENP/2004        | 20/06/2002 | 20/06/2002 | DEVICE AND METHOD FOR LOCATING AN                                                                                                                  | <b>LECHNER Timotheus Joan Marie, VAN</b>              | 12/05/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                    |                                                                                                                                                                                                                                     |            |         |
|-----|--------|---------------|------------|------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|
|     |        |               |            |            | ANATOMICAL CAVITY IN A BODY                                                                                        | <b>NIEKERK Jan, TEUNISSEN Leonardus Johannes Maria, VAN WIJK Maarten Gerardus Franciscus, DROST Marinus Adriaan, VAN DORSTEN Franklin Robert Christiaan , LANGENBERG Christianus Jacobus Maria, MAAS Adrianus Jacobus Johannes.</b> |            |         |
| 111 | 204416 | 394/CHE/2004  | 29/04/2004 |            | MULTIPURPOSE USEFUL LPG ENGINE                                                                                     | <b>TATOLU SIVANANDA PARAMAHAMSA,</b>                                                                                                                                                                                                | 26/05/2006 | CHENNAI |
| 112 | 204417 | 307/CHE/2004  | 01/04/2004 | 01/04/2003 | A PLASTICALLY RADially EXPANSIBLE CONDUIT CONNECTION.                                                              | <b>HYDRIL COMPANY</b>                                                                                                                                                                                                               | 26/05/2006 | CHENNAI |
| 113 | 204418 | 315/MAS/2002  | 24/04/2002 |            | A SYSTEM FOR MANUFACTURING A CODING PATTERN                                                                        | <b>MATHEW VERGHESE</b>                                                                                                                                                                                                              | 26/05/2006 | CHENNAI |
| 114 | 204419 | 1545/MAS/1997 | 10/07/1997 | 12/07/1996 | A PROCESS FOR PREPARING AN AT LEAST PARTIALLY CROSSLINKED ELASTOMER                                                | <b>DOW GLOBAL TECHNOLOGIES INC.</b>                                                                                                                                                                                                 | 09/06/2006 | CHENNAI |
| 115 | 204420 | 1250/MAS/1998 | 09/06/1998 | 10/06/1997 | A PROCESS FOR THE CONVERSION OF A HYDROCARBON FRACTION                                                             | <b>INSTITUT FRANCAIS DU PETROLE</b>                                                                                                                                                                                                 | 09/06/2006 | CHENNAI |
| 116 | 204422 | 1618/MAS/1997 | 21/07/1997 | 28/08/1996 | A PROCESS AND A SYSTEM FOR THE REMOVAL AND HIGH PRESSURE RECOVERY OF CARBON DI OXIDE FROM A HIGH PRESSURE RAW GAS. | <b>MITSUBISHI HEAVY INDUSTRIES LTD,</b>                                                                                                                                                                                             | 09/06/2006 | CHENNAI |
| 117 | 204423 | 2324/MAS/1998 | 15/10/1998 | 19/10/1997 | PIPE COUPLING                                                                                                      | <b>PLASSON LTD</b>                                                                                                                                                                                                                  | 09/06/2006 | CHENNAI |
| 118 | 204424 | 2151/MAS/1998 | 24/09/1998 | 25/09/1997 | HIGH-PRESSURE FUEL PUMP UNIT FOR IN-CYLINDER INJECTING TYPE ENGINE                                                 | <b>MITSUBISHI DENKI KABUSHIKI KAISHA</b>                                                                                                                                                                                            | 09/06/2006 | CHENNAI |
| 119 | 204425 | 1317/MAS/1997 | 18/06/1997 | 05/07/1996 | PROCESS FOR THE PREPARATION OF LUBRICATING BASE OILS                                                               | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V</b>                                                                                                                                                                               | 09/06/2006 | CHENNAI |
| 120 | 204426 | 1093/MAS/1998 | 22/05/1998 | 23/05/1997 | A PROCESS OF HYDROSULFURIZING A COMBINED HYDROCARBON FEED                                                          | <b>MOBIL OIL CORPORATION</b>                                                                                                                                                                                                        | 09/06/2006 | CHENNAI |
| 121 | 204427 | 47/MAS/1998   | 08/01/1998 |            | AN IGNITION COIL FOR USE IN INTERNAL COMBUSTION ENGINES.                                                           | <b>INDIA NIPPON ELECTRICALS LIMITED</b>                                                                                                                                                                                             | 09/06/2006 | CHENNAI |
| 122 | 204428 | 1668/MAS/1997 | 25/07/1997 | 03/08/1996 | A PROCESS FOR PREPARING 6-AMINO - CAPRONITRILE OR 6-AMINOCAPRONITRILE/HEXAMETHYLENE- DIAMINE MIXTURES              | <b>BASF AKTIENGESELLSCHAFT</b>                                                                                                                                                                                                      | 09/06/2006 | CHENNAI |
| 123 | 204430 | 1131/MAS/1998 | 27/05/1998 | 24/09/1998 | LIQUID CRYSTAL DISPLAY DEVICE                                                                                      | <b>CENTER FOR LIQUID CRYSTAL RESEARCH</b>                                                                                                                                                                                           | 09/06/2006 | CHENNAI |
| 124 | 204431 | 2825/MAS/1998 | 18/12/1998 | 22/12/1997 | A PROCESS FOR PREPARING A CATALYST                                                                                 | <b>INSTITUT FRANCAIS DU PETROLE</b>                                                                                                                                                                                                 | 09/06/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                                              |                                                                            |            |         |
|-----|--------|---------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------|---------|
| 125 | 204432 | 2631/MAS/1998 | 20/11/1998 | 21/11/1997 | PROCESS FOR CONTROLLING THE OIL FLOW RATE IN A TWO-STROKE ENGINE WITH ASSOCIATED LUBRICATION AND AN ATTACHED ENGINE                          | <b>INSTITUT FRANCAIS DU PETROLE,HONDA R&amp;D CO. LTD,ELF ANTAR FRANCE</b> | 09/06/2006 | CHENNAI |
| 126 | 204433 | 1540/MAS/1998 | 10/07/1998 | 14/07/1997 | A PROCESS FOR REGENERATION OF CELLULOSE FROM A VISCOSE SOLUTION IN A SPIN BATH AND AN AMPHOTERIC SURFACTANT.                                 | <b>AKZO NOBEL N.V</b>                                                      | 09/06/2006 | CHENNAI |
| 127 | 204434 | 2242/MAS/1998 | 07/10/1998 |            | A CASE FOR AN ELECTRICAL APPARATUS SUCH AS A CIRCUIT BREAKER                                                                                 | <b>SCHNEIDER ELECTRIC SA</b>                                               | 09/06/2006 | CHENNAI |
| 128 | 204435 | 2307/MAS/1997 | 16/10/1997 |            | A SWING ARM AND AXLE CASING ASSEMBLY FOR TWO WHEELERS                                                                                        | <b>SYED MUBASHEER ALL,SATISH P.,AND VINAY KUMAR LAXMIKANTH RATTIHALLI</b>  | 09/06/2006 | CHENNAI |
| 129 | 204436 | 2229/MAS/1997 | 07/10/1997 | 09/10/1996 | POWER BREAKER                                                                                                                                | <b>ABB SCHWEIZ AG</b>                                                      | 09/06/2006 | CHENNAI |
| 130 | 204437 | 2025/MAS/1998 | 08/09/1998 |            | AN INTEGRAL DIAPHRAGM ABSOLUTE PRESSURE TRANSDUCER                                                                                           | <b>INDIAN SPACE RESEARCH ORGANISATION</b>                                  | 09/06/2006 | CHENNAI |
| 131 | 204439 | 1816/MAS/1998 | 12/08/1998 | 23/08/1997 | A VOLTAGE CONVERTER                                                                                                                          | <b>ABB SCHWEIZ AG</b>                                                      | 09/06/2006 | CHENNAI |
| 132 | 204440 | 2920/MAS/1997 | 17/12/1997 | 20/12/1996 | A PROCESS FOR TRANSFORMING A GAS OIL CUT INTO A DEAROMATISED AND DESULPHURISED FUEL WITH A HIGH CETANE NUMBER                                | <b>INSTITUT FRANCAIS DU PETROLE</b>                                        | 09/06/2006 | CHENNAI |
| 133 | 204441 | 2157/MAS/1997 | 30/09/1997 |            | THE PROCESS FOR THE PRODUCTION OF MICRO-CELLULAR OR NON-CELLULAR, LIGHT-STABLE ELASTOMERIC, FLEXIBLE OR SEMI-FLEXIBLE POLYURETHANE MOULDINGS | <b>RECTICEL</b>                                                            | 09/06/2006 | CHENNAI |
| 134 | 204442 | 1459/MAS/1997 | 02/07/1997 | 02/06/1997 | A PEARLESCENT PIGMENT AND A METHOD OF PRODUCING THE SAME                                                                                     | <b>Englehard Corporation,</b>                                              | 09/06/2006 | CHENNAI |
| 135 | 204443 | 1262/MAS/1997 | 11/06/1997 | 13/06/1996 | A PROCESS FOR PURIFYING E-CAPROLACTAM                                                                                                        | <b>BASF AG</b>                                                             | 09/06/2006 | CHENNAI |
| 136 | 204444 | 2716/MAS/1997 | 26/11/1997 | 27/11/1996 | Process for improving the pour point of paraffinic feeds using a catalyst based on NU86 Zeolite                                              | <b>INSTITUT FRANCAIS DU PETROLE</b>                                        | 09/06/2006 | CHENNAI |
| 137 | 204445 | 2317/MAS/1997 | 16/10/1997 | 18/10/1996 | UREA GREASE COMPOSITION                                                                                                                      | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.</b>                     | 09/06/2006 | CHENNAI |
| 138 | 204446 | 827/MAS/1997  | 22/04/1997 | 26/04/1996 | BULK REACTIVE EXTRUSION POLYMERIZATION PROCESS PRODUCING                                                                                     | <b>BOARD OF TRUSTEES</b>                                                   | 09/06/2006 | CHENNAI |



|     |        |               |            |            |                                                                                                                                        |                                                                       |            |         |
|-----|--------|---------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------|---------|
|     |        |               |            |            | ALIPHATIC ESTER<br>POLYMER COMPOSITIONS                                                                                                |                                                                       |            |         |
| 139 | 204447 | 2547/MAS/1997 | 07/11/1997 | 08/11/1996 | A HEAT EXCHANGER AND<br>A METHOD OF<br>PRODUCING THE SAME                                                                              | <b>MATSUSHITA<br/>ELECTRIC<br/>INDUSTRIAL CO LTD</b>                  | 09/06/2006 | CHENNAI |
| 140 | 204453 | 1491/MAS/1997 | 04/07/1997 | 11/07/1996 | A CORDLESS TELEPHONE<br>BASE STATION AND A<br>METHOD FOR<br>CONTROLLING THE<br>ROUTING OF CALLS                                        | <b>BRITISH<br/>TELECOMMUNICATI<br/>ONS PUBLIC LIMITED<br/>COMPANY</b> | 09/06/2006 | CHENNAI |
| 141 | 204454 | 1335/MAS/1997 | 19/06/1997 | 21/06/1997 | A METHOD FOR THE<br>COMBINED PRODUCTION<br>OF SYNTHESIS GAS AND<br>ELECTRICAL POWER.                                                   | <b>HALDOR TOPSOE A/S</b>                                              | 09/06/2006 | CHENNAI |
| 142 | 204455 | 2179/MAS/1997 | 01/10/1997 | 02/10/1996 | A PROCESS FOR<br>CONVERTING A HEAVY<br>HYDROCARBON<br>FRACTION INTO<br>GASOLINE FRACTION,<br>GAS OIL FRACTION AND A<br>SLURRY FRACTION | <b>INSTITUT FRANCAIS<br/>DU PETROLE</b>                               | 09/06/2006 | CHENNAI |
| 143 | 204456 | 2279/MAS/1997 | 14/10/1997 | 16/10/1996 | A MULTIMEDIA<br>TELECOMMUNICATIONS<br>CALL CENTER                                                                                      | <b>BRITISH<br/>TELECOMMUNICATI<br/>ONS PUBLIC LIMITED<br/>COMPANY</b> | 09/06/2006 | CHENNAI |
| 144 | 204457 | 676/MAS/1997  | 01/04/1997 | 08/05/1996 | THERMOFORMING<br>INSTALLATION                                                                                                          | <b>ROBERT BOSCH<br/>GMBH</b>                                          | 09/06/2006 | CHENNAI |
| 145 | 204458 | 1634/MAS/1997 | 22/07/1997 | 14/11/1996 | A FUEL INJECTION<br>SYSTEM                                                                                                             | <b>ROBERT BOSCH<br/>GMBH,</b>                                         | 09/06/2006 | CHENNAI |
| 146 | 204459 | 1922/MAS/1996 | 31/10/1996 | 03/11/1995 | An anhydrous cosmetic stick<br>composition with improved<br>transfer resistance                                                        | <b>REVLON CONSUMER<br/>PRODUCTS<br/>CORPORATION</b>                   | 09/06/2006 | CHENNAI |
| 147 | 204460 | 1498/MAS/1997 | 04/07/1997 | 11/07/1996 | REVERSING PUSH BUTTON                                                                                                                  | <b>Schneider Electric S.A.</b>                                        | 09/06/2006 | CHENNAI |
| 148 | 204461 | 2175/MAS/1997 | 01/10/1997 | 01/10/1996 | REDUCED NOISE<br>RELUCTANCE MACHINE                                                                                                    | <b>EMERSON ELECTRIC<br/>CO,</b>                                       | 09/06/2006 | CHENNAI |
| 149 | 204462 | 1020/MAS/1997 | 14/05/1997 | 19/06/1996 | TRANSVERSE FORCE ROD<br>BEARING.                                                                                                       | <b>PECON AG,</b>                                                      | 09/06/2006 | CHENNAI |
| 150 | 204463 | 1223/MAS/1997 | 06/06/1997 | 17/06/1996 | A PROCESS FOR<br>CATALYTIC<br>DISTILLATION                                                                                             | <b>BASF<br/>AKTIENGESELLSCHA<br/>FT</b>                               | 09/06/2006 | CHENNAI |
| 151 | 204464 | 1522/MAS/1997 | 08/07/1997 | 11/07/1996 | A RINSING APPARATUS<br>FOR A SIMULATED<br>MOVING BED FEED<br>ADSORPTION UNIT                                                           | <b>INSTITUT FRANCAIS<br/>DU PETROLE</b>                               | 09/06/2006 | CHENNAI |
| 152 | 204465 | 1915/MAS/1997 | 29/08/1997 | 30/08/1996 | A PROCESS FOR<br>PREPARING A POLYAMIDE                                                                                                 | <b>BASF<br/>AKTIENGESELLSCHA<br/>FT</b>                               | 09/06/2006 | CHENNAI |
| 153 | 204466 | 1313/MAS/1997 | 17/06/1997 | 17/06/1996 | A METHOD FOR<br>ACCESSING A LOCATION<br>IN A NETWORK BY<br>ACTIVATING A LINK IN A<br>FILE                                              | <b>BRITISH<br/>TELECOMMUNICATI<br/>ONS PUBLIC LIMITED<br/>COMPANY</b> | 09/06/2006 | CHENNAI |
| 154 | 204467 | 1747/MAS/1997 | 05/08/1997 | 25/12/1996 | APPARATUS AND<br>METHOD IMPLEMENTING<br>HIERARCHICAL STATE<br>CHARTS                                                                   | <b>EMULTEK LTD</b>                                                    | 09/06/2006 | CHENNAI |
| 155 | 204468 | 2782/MAS/1997 | 05/12/1997 | 03/03/1997 | A RADIO SET FOR A<br>MOBILE RADIO                                                                                                      | <b>ROBERT BOSCH<br/>GMBH</b>                                          | 09/06/2006 | CHENNAI |
| 156 | 204469 | 1838/MAS/1997 | 20/08/1997 | 03/09/1996 | A STRIP OF NEEDLES, IN<br>PARTICULAR A TOP COMB                                                                                        | <b>MASCHINENFABRIK<br/>RIETER AG</b>                                  | 09/06/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                                            |                                                                                  |            |         |
|-----|--------|---------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------|---------|
|     |        |               |            |            | FOR A TEXTILE MACHINE                                                                                                                      |                                                                                  |            |         |
| 157 | 204470 | 1301/MAS/1997 | 16/06/1997 | 20/06/1996 | CATALYST ELEMENT FOR PURIFYING EXHAUST GASES FROM INTERNAL COMBUSTION ENGINE                                                               | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA, MITSUI KINZOKU KOGYO KABUSHIKI KAISHA</b> | 09/06/2006 | CHENNAI |
| 158 | 204471 | 793/MAS/2001  | 24/09/2001 |            | SIMPLE HAND MILKING MACHINE                                                                                                                | <b>RAGHAVA GOWDA. P</b>                                                          | 16/06/2006 | CHENNAI |
| 159 | 204472 | 2574/MAS/1997 | 12/11/1997 | 21/12/1996 | VALVE WITH COMBINED VALVE SEAT BODY AND PERFORATED INJECTION DISC                                                                          | <b>ROBERT BOSCH GMBH</b>                                                         | 16/06/2006 | CHENNAI |
| 160 | 204473 | 2611/MAS/1998 | 18/11/1998 | 27/11/1997 | Lanthanide complexes efficient in the polymerization of conjugated dienes and a process for the polymerization of C4-C20 conjugated dienes | <b>ENICHEM S.P.A.,</b>                                                           | 16/06/2006 | CHENNAI |
| 161 | 204474 | 2113/MAS/1998 | 21/09/1998 | 22/09/1997 | A METHOD AND AN APPARATUS FOR PREPARING A LAP END OF A WEB                                                                                 | <b>MASCHINENFABRIK RIETER AG</b>                                                 | 16/06/2006 | CHENNAI |
| 162 | 204476 | 2594/MAS/1997 | 13/11/1997 |            | A FLEXIBLE ELECTRICAL HEATER SUITABLE FOR FLAT SURFACE MOUNTING AND A METHOD OF MAKING THE FLEXIBLE ELECTRICAL HEATER.                     | <b>INDIAN SPACE RESEARCH ORGANISATION ,</b>                                      | 16/06/2006 | CHENNAI |
| 163 | 204477 | 2400/MAS/1997 | 23/10/1997 | 30/05/1996 | FUEL INJECTION CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE                                                                               | <b>MITSUBISHI DENKI KABUSHIKI KAISHA</b>                                         | 16/06/2006 | CHENNAI |
| 164 | 204478 | 2484/MAS/1998 | 03/11/1998 | 06/12/1997 | A PROCESS FOR THE HYDROGENATION OF OLEFINIC DOUBLE BONDS                                                                                   | <b>ENICHEM S.P.A,</b>                                                            | 23/06/2006 | CHENNAI |
| 165 | 204479 | 876/MAS/1998  | 23/04/1998 | 07/05/1997 | A METHOD AND AN APPARATUS FOR SPEECH CODING A SAMPLED SIGNAL USING A PITCH-LAG PARAMETER                                                   | <b>NOKIA MOBILE PHONES LTD,</b>                                                  | 23/06/2006 | CHENNAI |
| 166 | 204480 | 463/MAS/1998  | 06/03/1998 |            | A BREAKWATER FOR SEAWAVES                                                                                                                  | <b>INDIAN INSTITUTE OF TECHNOLOGY</b>                                            | 23/06/2006 | CHENNAI |
| 167 | 204482 | 2415/MAS/1998 | 27/10/1998 | 31/10/1997 | A PROCESS FOR DEHYDROGENATING A C5-C22 ALIPHATIC HYDROCARBONS FEED                                                                         | <b>INSTITUT FRANCAIS DU PETROLE,</b>                                             | 23/06/2006 | CHENNAI |
| 168 | 204483 | 2378/MAS/1998 | 23/10/1998 | 11/11/1997 | AMINATION PROCESS                                                                                                                          | <b>AKZO NOBEL nv</b>                                                             | 23/06/2006 | CHENNAI |
| 169 | 204484 | 414/MAS/1998  | 02/03/1998 |            | HEAT EXCHANGER                                                                                                                             | <b>BORSIG GMBH</b>                                                               | 23/06/2006 | CHENNAI |
| 170 | 204485 | 229/MAS/1998  | 05/02/1998 | 07/02/1997 | REMOVAL OF 6-AMINOCAPRONITRILE FROM MIXTURES COMPRISING 6-AMINOCAPRONITRILE AND AN IMINE.                                                  | <b>BASF AKTIENGESELLSCHAFT</b>                                                   | 23/06/2006 | CHENNAI |
| 171 | 204486 | 2398/MAS/1998 | 26/10/1998 | 18/12/1997 | FEMININE SANITARY PROTECTION PACKAGE                                                                                                       | <b>KIMBERLY- CLARK WORLDWIDE INC</b>                                             | 23/06/2006 | CHENNAI |
| 172 | 204487 | 755/MAS/1998  | 07/04/1998 | 08/04/1997 | METHOD OF CONTINUOUSLY DISSOLVING RUBBER                                                                                                   | <b>TOYO ENGINEERING CORPORATION</b>                                              | 23/06/2006 | CHENNAI |
| 173 | 204488 | 2422/MAS/1998 | 28/10/1998 | 28/10/1997 | A METHOD OF MAKING A                                                                                                                       | <b>CASTROL LIMITED</b>                                                           | 23/06/2006 | CHENNAI |



|     |        |               |            |            |                                                                                                                                           |                                        |            |         |
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|     |        |               |            |            | GRAFT COPOLYMER USING AN EXTRUDER AND A PRODUCT PREPARED THEREBY                                                                          |                                        |            |         |
| 174 | 204489 | 1418/MAS/1998 | 25/06/1998 |            | AN APPARATUS AND A METHOD FOR SEPARATING A MIXTURE OF A LESS DENSE LIQUID AND A MORE DENSE LIQUID COMPONENT                               | <b>MERPRO PRODUCTS LIMITED,</b>        | 23/06/2006 | CHENNAI |
| 175 | 204490 | 662/MAS/1998  | 30/03/1998 |            | MULTI PURPOSE HEAVY DUTY WET GRINDER                                                                                                      | <b>R.SELVARAJ ,K.RAVI.</b>             | 23/06/2006 | CHENNAI |
| 176 | 204491 | 1608/MAS/1998 | 17/07/1998 |            | A METHOD TO EXCHANGE TAPES AT THE LOWER ROLLERS OF THE DRAFTING UNIT OF A RING SPINNING OR RING TWISTING FRAME AND A DEVICE FOR THE SAME. | <b>MASCHINENFABRIK RIETER AG</b>       | 23/06/2006 | CHENNAI |
| 177 | 204492 | 2619/MAS/1998 | 19/11/1998 | 17/12/1997 | A DEVICE FOR MONITORING YARNS ON RING SPINNING MACHINES                                                                                   | <b>USTER TECHNOLOGIES AG,</b>          | 23/06/2006 | CHENNAI |
| 178 | 204494 | 1885/MAS/1997 | 27/08/1997 | 27/08/1996 | A PROCESS FOR PREPARING A LATEX.                                                                                                          | <b>ELF ATOCHEM S.A,</b>                | 23/06/2006 | CHENNAI |
| 179 | 204495 | 1163/MAS/1997 | 30/05/1997 | 14/06/1996 | A COATED POROUS SUBSTRATE.                                                                                                                | <b>KIMBERLY-CLARK WORLDWIDE, INC.,</b> | 23/06/2006 | CHENNAI |
| 180 | 204496 | 1045/MAS/1997 | 16/05/1997 | 20/05/1996 | A SYSTEM FOR PROCESSING TEXTILE FIBERS FROM BALES                                                                                         | <b>MASCHINENFABRIK RIETER AG,</b>      | 23/06/2006 | CHENNAI |
| 181 | 204497 | 1769/MAS/1997 | 07/08/1997 | 20/08/1996 | DEVICE FOR THE OPTICAL RECORDING OF AT LEAST ONE CHARACTERISTIC ON A LONGITUDINALLY MOVED THREAD TYPE MATERIAL                            | <b>USTER TECHNOLOGIES AG</b>           | 23/06/2006 | CHENNAI |
| 182 | 204498 | 695/MAS/1997  | 02/04/1997 | 02/04/1996 | AN APPARATUS FOR FORMING A SLIVER                                                                                                         | <b>MASCHINENFABRIK RIETER AG,</b>      | 23/06/2006 | CHENNAI |
| 183 | 204499 | 2113/MAS/1997 | 25/09/1997 | 25/09/1996 | A DEVICE ADAPTED TO DELIVER PARTICLES INTO A TARGET CELL OR TISSUE                                                                        | <b>POWDERJET VACCINES INC.,</b>        | 23/06/2006 | CHENNAI |
| 184 | 204500 | 723/MAS/1997  | 07/04/1997 | 23/04/1996 | A METHOD FOR SWITCHING TRAFFIC CHANNELS BETWEEN A PLURALITY OF UPLINK AND DOWNLINK CDMA AND A CDMA SWITCH.                                | <b>AT &amp; T CORP.,</b>               | 23/06/2006 | CHENNAI |
| 185 | 204501 | 2667/MAS/1997 | 21/11/1997 | 25/11/1996 | AN ELECTRICAL SWITCHING DEVICE                                                                                                            | <b>ABB SCHWEIZ AG</b>                  | 23/06/2006 | CHENNAI |
| 186 | 204502 | 1976/MAS/1997 | 05/09/1997 | 10/09/1996 | A CATALYST AND A METHOD OF PREPARING ALIPHATIC ALPHA OMEGA AMINONITRILES.                                                                 | <b>BASF AKTIENGESELLSCHAFT</b>         | 23/06/2006 | CHENNAI |
| 187 | 204503 | 2054/MAS/1997 | 16/09/1997 | 11/10/1996 | A COMPOSITE ELASTIC MATERIAL LAMINATE.                                                                                                    | <b>KIMBERLY-CLARK WORLDWIDE, INC.,</b> | 30/06/2006 | CHENNAI |
| 188 | 204504 | 3000/MAS/1997 | 26/12/1997 | 01/07/1996 | A PROCESS OF PREPARING AN OLEFIN OXIDE AND A METHOD OF PREPARING A CATALYST COMPOSITION                                                   | <b>DOW GLOBAL TECHNOLOGIES INC.</b>    | 30/06/2006 | CHENNAI |
| 189 | 204505 | 943/MAS/1997  | 05/05/1997 | 08/05/1996 | A METHOD OF OPERATING                                                                                                                     | <b>SMS SCHLOEMANN-</b>                 | 30/06/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                       |                                                 |            |         |
|-----|--------|---------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------|---------|
|     |        |               |            |            | A ROLLING MILL AND A ROLLING MILL THEREOF.                                                                            | <b>SIEMAG AKTIENGESELLSCHAFT,</b>               |            |         |
| 190 | 204506 | 798/MAS/1997  | 17/04/1997 | 07/06/1996 | DISPERSION-BALANCED OPTICAL CABLE                                                                                     | <b>FURUKAWA ELECTRIC NORTH AMERICA</b>          | 30/06/2006 | CHENNAI |
| 191 | 204507 | 1817/MAS/1997 | 18/08/1997 | 04/03/1997 | METHOD FOR MULTITONE DIVISION MULTIPLE ACCESS COMMUNICATIONS                                                          | <b>AT&amp;T Corp.,</b>                          | 30/06/2006 | CHENNAI |
| 192 | 204508 | 753/MAS/1997  | 22/06/1992 | 25/06/1991 | A METHOD AND AN APPARATUS OF GALVANIZING A LINEAR ELEMENT                                                             | <b>ALLIED TUBE &amp; CONDUIT CORPORATION</b>    | 30/06/2006 | CHENNAI |
| 193 | 204509 | 2144/MAS/1997 | 29/09/1997 |            | A PROCESS FOR THE PREPARATION OF COATED FERTILIZER GRANULES                                                           | <b>BASF AKTIENGESELLSCHAFT</b>                  | 07/07/2006 | CHENNAI |
| 194 | 204510 | 2178/MAS/1997 | 01/10/1997 | 02/10/1996 | A PROCESS FOR CONVERTING A HEAVY HYDROCARBON FRACTION                                                                 | <b>INSTITUT FRANCAIS DU PETROLE</b>             | 07/07/2006 | CHENNAI |
| 195 | 204512 | 391/MAS/2000  | 23/05/2000 |            | PARTICLE ACCELERATION APPARATUS                                                                                       | <b>K. DURGA VARA PRASAD</b>                     | 07/07/2006 | CHENNAI |
| 196 | 204513 | 1816/MAS/1997 | 18/08/1997 | 18/08/1996 | DISMANTABLE FACADE SCAFFOLD                                                                                           | <b>PERI GMBH,</b>                               | 07/07/2006 | CHENNAI |
| 197 | 204514 | 842/MAS/1997  | 23/04/1997 | 13/05/1996 | DOOR FRAME                                                                                                            | <b>INVENTIO AG,</b>                             | 07/07/2006 | CHENNAI |
| 198 | 204516 | 1673/MAS/1997 | 25/07/1997 | 09/08/1996 | A CONTROL SYSTEM FOR ROPE BUCKET                                                                                      | <b>KCI KONECRANES INTERNATIONAL CORPORATION</b> | 07/07/2006 | CHENNAI |
| 199 | 204517 | 848/MAS/1997  | 23/04/1997 | 25/05/1996 | A PROCESS FOR PRODUCING CHARCOAL OR ACTIVATED CHARCOAL FROM WASTE PRODUCT OBTAINED DURING PRODUCTION OF COCONUT FIBRE | <b>HERMANN MUHLEMEYER</b>                       | 07/07/2006 | CHENNAI |
| 200 | 204518 | 1874/MAS/1997 | 26/08/1997 | 27/08/1996 | ICE MAKING APPARATUS FOR USE IN A REFRIGERATOR.                                                                       | <b>MATSUSHITA REFRIGERATION COMPANY,</b>        | 07/07/2006 | CHENNAI |
| 201 | 204519 | 1718/MAS/1997 | 31/07/1997 | 08/08/1996 | A GASKET                                                                                                              | <b>DOW GLOBAL TECHNOLOGIES INC</b>              | 07/07/2006 | CHENNAI |
| 202 | 204525 | 910/MAS/2001  | 07/11/2001 |            | VEGETABLE AND FRUIT REFRIGERATOR FOR USE IN SUPER MARKETS AND COLD STORAGES                                           | <b>PAPPALI GOPALAN CHILPRAKASH</b>              | 14/07/2006 | CHENNAI |
| 203 | 204526 | 971/MAS/1999  | 04/10/1999 | 16/10/1998 | HEAT EXCHANGER WITH A CONNECTION                                                                                      | <b>BORSIG GMBH</b>                              | 14/07/2006 | CHENNAI |
| 204 | 204527 | 1113/MAS/1999 | 15/11/1999 |            | A LOW DENSITY CURABLE COATING COMPOSITION AND A PROCESS FOR PREPARING THE SAME                                        | <b>INDIAN SPACE RESEARCH ORGANISATION</b>       | 14/07/2006 | CHENNAI |
| 205 | 204528 | 1090/MAS/1999 | 11/11/1999 |            | A PROCESS FOR THE HOMOGENEOUS OXIDATION OF ALKYL BENZENE CATALYZED BY HETEROPOLY COMPOUNDS                            | <b>INDIAN INSTITUTE OF TECHNOLOGY</b>           | 14/07/2006 | CHENNAI |
| 206 | 204529 | 835/MAS/1999  | 19/08/1999 | 07/09/1998 | A PEDAL BRACKET                                                                                                       | <b>SUZUKI MOTOR CORPORATION</b>                 | 14/07/2006 | CHENNAI |

|     |        |                       |            |            |                                                                                                                     |                                          |            |         |
|-----|--------|-----------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|---------|
| 207 | 204530 | 1419/MAS/1998         | 25/06/1998 | 25/09/1997 | FUEL SUPPLYING APPARATUS                                                                                            | <b>mitsubishi denki kabushiki kaisha</b> | 14/07/2006 | CHENNAI |
| 208 | 204535 | 1846/MAS/1997         | 20/08/1997 | 23/08/1996 | A PROCESS FOR THE COMBINED PURIFICATION OF THE WASTE GASES                                                          | <b>BASF AKTIENGESELLSCHAFT</b>           | 07/07/2006 | CHENNAI |
| 209 | 204573 | 1883/MAS/1997         | 27/08/1997 | 27/08/1996 | A PROCESS FOR PREPARING A LATEX                                                                                     | <b>ELF ATOCHEM S. A .</b>                | 07/07/2006 | CHENNAI |
| 210 | 204976 | IN/PCT/2002/1408/CH E | 09/02/2001 | 10/03/2000 | BRAZING SHEET PRODUCT AND METHOD OF MANUFACTURING AN ASSEMBLY THEREWITH                                             | <b>CORUS ALUMINIUM WALZPRODUKTE GmbH</b> | 28/01/2005 | CHENNAI |
| 211 | 204977 | IN/PCT/2002/1448/CH E | 15/09/2000 | 16/03/2000 | A METHOD OF MOLDING A DISPENSING TUBE HAVING A HEAD JOINED TO A TUBULAR BODY,AN APPARATUS AND A MOLDED HEAD THEREOF | <b>PECHINEY PLASTIC PACKAGING INC</b>    | 28/01/2005 | CHENNAI |
| 212 | 204979 | IN/PCT/2002/1453/CH E | 12/03/2001 | 13/03/2000 | A CATALYST LACKING A NOBLE METAL                                                                                    | <b>OVONIC BATTERY COMPANY,INC</b>        | 28/01/2005 | CHENNAI |
| 213 | 204980 | IN/PCT/2002/1581/CH E | 01/03/2001 | 01/03/2000 | WATER LANCE BLOWER FOR CLEANING HEATING INSTALLATIONS                                                               | <b>CLYDE BERGEMANN GmbH</b>              | 28/01/2005 | CHENNAI |
| 214 | 204981 | IN/PCT/2002/1868/CH E | 17/05/2000 | 17/05/2000 | METHOD AND APPARATUS FOR CONTROLLING ACCESS TO A SYSTEM                                                             | <b>QUALCOMM INC</b>                      | 11/02/2005 | CHENNAI |
| 215 | 204982 | 496/MAS/1995          | 24/04/1995 | 18/05/1994 | ACYLATED AMINOALKYLIMIDAZOLE AND- TRIAZOLE DERIVATIVES                                                              | <b>NOVARTIS AG</b>                       | 25/02/2005 | CHENNAI |
| 216 | 204983 | 1103/MAS/2000         | 20/12/2000 | 20/12/1999 | EXTENDED RELEASE ORAL DOSAGE COMPOSITION                                                                            | <b>SCHERING CORPORATION</b>              | 04/03/2005 | CHENNAI |
| 217 | 204984 | 1312/MAS/1997         | 17/06/1997 | 19/06/1996 | CYCLOSPORIN-CONTAINING SOFT CAPSULE PREPARATIONS                                                                    | <b>NOVARTIS AG</b>                       | 04/03/2005 | CHENNAI |
| 218 | 204986 | 1388/MAS/1998         | 23/06/1998 | 23/06/1997 | SOLID PHARMACEUTICAL COMPOSITION CONTAINING BENZOFURAN DERIVATIVES                                                  | <b>SANOFI-SYNTHELABO</b>                 | 04/03/2005 | CHENNAI |
| 219 | 204987 | 155/MAS/1999          | 08/02/1999 |            | A PHARMACEUTICAL COMPOSITION CONTAINING NIMESULIDE                                                                  | <b>NATCO PHARMA LIMITED</b>              | 04/03/2005 | CHENNAI |
| 220 | 204988 | 1648/MAS/1998         | 23/07/1998 | 25/07/1997 | A POLYNUCLEOTIDE ENCODING IL-B30                                                                                    | <b>SCHERING CORPORATION</b>              | 04/03/2005 | CHENNAI |
| 221 | 204989 | 1955/MAS/1996         | 05/11/1996 | 03/11/1995 | CONTROLLED RELEASE SOLID DOSAGE FORMULATION OF PHARMACEUTICALS FOR ORAL ADMINISTRATION                              | <b>PENWEST PHARMACEUTICALS</b>           | 04/03/2005 | CHENNAI |
| 222 | 204991 | 2252/MAS/1998         | 08/10/1998 | 09/10/1997 | PARENTERAL FORMULATIONS COMPRISING 10-HYDROXY-10,11-TETRAHYDRO CARBAMAZEPINE,WATER AND GLUCOSE                      | <b>NOVARTIS AG</b>                       | 04/03/2005 | CHENNAI |
| 223 | 204992 | 2475/MAS/1998         | 02/11/1998 | 03/11/1997 | A PROCESS FOR PRODUCING DRY,AMORPHOUS                                                                               | <b>ROCHE DIAGNOSTICS GMBH</b>            | 04/03/2005 | CHENNAI |

|     |        |                       |            |            |                                                                                  |                                                    |            |         |
|-----|--------|-----------------------|------------|------------|----------------------------------------------------------------------------------|----------------------------------------------------|------------|---------|
|     |        |                       |            |            | PRODUCTS AND THE PRODUCTS OBTAINED THEREFROM                                     |                                                    |            |         |
| 224 | 204994 | 486/MAS/2001          | 18/06/2001 |            | AVALMIC-I HERBAL BASED DRUG CAPSULE PREPARATION                                  | <b>Mr.Dr. POTURAJU SURYA VENKATA SATYANARAYANA</b> | 04/03/2005 | CHENNAI |
| 225 | 204996 | 716/MAS/1998          | 03/04/1998 | 11/04/1997 | A DRUG DELIVERY SYSTEM                                                           | <b>AKZO NOBEL N.V</b>                              | 04/03/2005 | CHENNAI |
| 226 | 204997 | 78/MAS/2001           | 29/01/2001 | 04/02/2000 | A SENSATE COMPOSITION                                                            | <b>TAKASAGO INTERNATIONAL CORPORATION</b>          | 04/03/2005 | CHENNAI |
| 227 | 204998 | 802/MAS/1996          | 13/05/1996 | 11/05/1995 | ANTIBACTERIAL CEPHALOSPORINS                                                     | <b>SANDOZ AG</b>                                   | 04/03/2005 | CHENNAI |
| 228 | 204999 | 81/MAS/2001           | 30/01/2001 | 01/02/2000 | A PESTICIDAL GEL COMPOSITION                                                     | <b>SUMITOMO CHEMICAL COMPANY LIMITED</b>           | 04/03/2005 | CHENNAI |
| 229 | 205000 | IN/PCT/2000/509/CHE   | 18/03/1999 | 14/04/1998 | AN AQUEOUS DISINFECTING AND CLEANING COMPOSITION                                 | <b>RECKITT BENCKISER INC</b>                       | 04/03/2005 | CHENNAI |
| 230 | 205037 | IN/PCT/2000/619/CHE   | 11/05/1999 | 13/05/1998 | A LIQUID NUTRITIONAL COMPOSITION FOR A PERSON HAVING RENAL FAILURE               | <b>NOVARTIS AG</b>                                 | 04/03/2005 | CHENNAI |
| 231 | 205038 | IN/PCT/2000/841/CHE   | 21/06/1999 | 22/06/1998 | EPOTHILONE DERIVATIVES AND THEIR SYNTHESIS                                       | <b>NOVARTIS AG</b>                                 | 04/03/2005 | CHENNAI |
| 232 | 205039 | IN/PCT/2001/1290/CH E | 24/03/2000 | 26/03/1999 | AN ENANTIOMER-PURE 2,4-DISUBSTITUTED OXAZOLINES OF FORMULA 1                     | <b>NOVARTIS AG</b>                                 | 04/03/2005 | CHENNAI |
| 233 | 205040 | IN/PCT/2001/1291/CH E | 18/03/2000 | 25/03/1999 | 1- ARYLSULPHONYL - 2- ARYL - PYRROLIDINE AND PIPERIDINE COMPOUNDS                | <b>F. HOFFMANN-LA ROCHE AG</b>                     | 04/03/2005 | CHENNAI |
| 234 | 205042 | IN/PCT/2001/1465/CH E | 19/04/2000 | 27/04/1999 | RENIN INHIBITORS                                                                 | <b>F. HOFFMANN-LA ROCHE AG</b>                     | 04/03/2005 | CHENNAI |
| 235 | 205043 | IN/PCT/2001/1711/CH E | 31/05/2000 | 08/06/1999 | ETHANESULFONYL- PIPERIDINE DERIVATIVES                                           | <b>F. HOFFMANN-LA ROCHE AG</b>                     | 04/03/2005 | CHENNAI |
| 236 | 205044 | IN/PCT/2001/943/CHE   | 11/12/1999 | 22/12/1998 | A FUNGICIDAL MIXTURE                                                             | <b>BASF AKTIENGESELLSCHA FT</b>                    | 04/03/2005 | CHENNAI |
| 237 | 205045 | IN/PCT/2001/98/CHE    | 07/07/1999 | 09/07/1998 | A PROCESS FOR PROVIDING A GAS AND/OR VAPOR BARRIER COATING                       | <b>TRESPAPHAN GMBH</b>                             | 04/03/2005 | CHENNAI |
| 238 | 205069 | IN/PCT/2001/638/CHE   | 08/11/1999 | 10/11/1998 | NEW BENZAMIDE DERIVATIVES AND A PROCESS FOR PREPARING THE SAME                   | <b>NOVARTIS AG , SCHERING AG</b>                   | 04/03/2005 | CHENNAI |
| 239 | 205173 | IN/PCT/2002/1287/CH E | 18/01/2001 | 18/01/2000 | A MEDICAMENT FOR CONGESTIVE HEART FAILURE COMPRISING PRETREATED AUTOLOGOUS BLOOD | <b>VASOGEN IRELAND LIMITED</b>                     | 04/03/2005 | CHENNAI |
| 240 | 205174 | IN/PCT/2002/518/CHE   | 29/09/2000 | 15/10/1999 | BENZODIAZEPINE DERIVATIVES                                                       | <b>F. HOFFMANN-LA ROCHE AG</b>                     | 04/03/2005 | CHENNAI |
| 241 | 205175 | IN/PCT/2002/58/CHE    | 06/07/2000 | 12/07/1999 | VITAMIN D3 ANALOGS                                                               | <b>F. HOFFMANN-LA ROCHE AG</b>                     | 04/03/2005 | CHENNAI |
| 242 | 205176 | 75/CHE/2005           | 31/01/2005 |            | PROCESS FOR INSITU PREPARATION OF AMLODIPINE BESYLATE                            | <b>GLOCHEM INDUSTRIES LIMITED</b>                  | 25/03/2005 | CHENNAI |

|     |        |                       |            |            |                                                                                                                                                                               |                                                                          |            |         |
|-----|--------|-----------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------|---------|
| 243 | 205177 | 124/CHENP/2003        | 18/07/2001 | 25/07/2000 | A METHOD FOR COMPRESSING A DATA STREAM WITH A COMPRESSION DEVICE AND A SYSTEM FOR THE SAME                                                                                    | <b>PERIBIT NETWORKS, INC</b>                                             | 08/04/2005 | CHENNAI |
| 244 | 205178 | 79/CHENP/2003         | 19/07/2000 | 19/07/2000 | SLIDING VANE TURBOCHARGER WITH GRADUATED VANES                                                                                                                                | <b>HONEYWELL GARRETT SA</b>                                              | 08/04/2005 | CHENNAI |
| 245 | 205179 | 450/CHENP/2003        | 27/09/2001 | 02/10/2000 | A METHOD FOR PRODUCING AN AL-SI ALLOY                                                                                                                                         | <b>INVENSIL</b>                                                          | 15/04/2005 | CHENNAI |
| 246 | 205180 | 453/CHENP/2003        | 24/09/2001 | 02/10/2000 | NEW RETINOIDS OF FORMULA I                                                                                                                                                    | <b>F. HOFFMANN LA - ROCHE AG</b>                                         | 15/04/2005 | CHENNAI |
| 247 | 205181 | 1114/CHENP/2003       | 24/12/2001 | 19/01/2001 | A SYSTEM AND A METHOD FOR MAKING A THREE-MATERIAL LOLLIPOP PRODUCT                                                                                                            | <b>CADBURY ADAMS USA LLC</b>                                             | 22/04/2005 | CHENNAI |
| 248 | 205182 | 1153/CHENP/2003       | 25/01/2002 | 26/01/2001 | A COMPOSITION COMPRISING COMPOUND OF FORMULA II AND OTHER EXCIPIENTS                                                                                                          | <b>SCHERING CORPORATION</b>                                              | 22/04/2005 | CHENNAI |
| 249 | 205183 | 13/CHE/2005           | 10/01/2005 |            | POWER GENERATING SYSTEM AND A METHOD FOR GENERATING THE SAME                                                                                                                  | <b>KYAMA PADMANABHAM</b>                                                 | 29/04/2005 | CHENNAI |
| 250 | 205184 | 1419/CHE/2004         | 22/12/2004 |            | A WATER PURIFICATION SYSTEM INVOLVING THE WATER LEVEL INDICATOR AS WELL AS THE END OF LIFE INDICATOR OF THE CARTRIDGE                                                         | <b>M/S . FILTREX INTERNATIONAL PVT.LTD</b>                               | 29/04/2005 | CHENNAI |
| 251 | 205185 | 1420/CHE/2004         | 22/12/2004 |            | A WATER PURIFIER DEVICE WITH THE BELLOW PUMP                                                                                                                                  | <b>M/S.FILTREX INTERNATIONAL PVT.LTD</b>                                 | 29/04/2005 | CHENNAI |
| 252 | 205186 | 576/MAS/2000          | 24/07/2000 | 02/08/1999 | ELECTRICAL APPARATUS, IN PARTICULAR ELECTRICITY METERING DEVICE COMPRISING UNAUTHORIZED PERSON PROOF COVER                                                                    | <b>SCHNEIDER ELECTRIC INDUSTRIES S A</b>                                 | 20/05/2005 | CHENNAI |
| 253 | 205187 | 624/CHENP/2004        | 25/09/2002 | 26/09/2001 | NEW ANTHRAPHYRIDONE COMPOUNDS, WATER-BASE MAGENTA INK COMPOSITIONS AND METHOD OF INK-JET RECORDING                                                                            | <b>NIPPON KAYAKU KABUSHIKI KAISHA</b>                                    | 20/05/2005 | CHENNAI |
| 254 | 205188 | 924/MAS/2002          | 12/12/2002 |            | A MEMS BASED ELECTROSTATIC ACOUSTIC TRANSDUCER AND METHODS OF SENSING SOUND PRESSURE                                                                                          | <b>INDIAN INSTITUTE OF SCIENCE,CRANES SOFTWARE INTERNATIONAL LIMITED</b> | 20/05/2005 | CHENNAI |
| 255 | 205189 | IN/PCT/2002/1127/CH E | 19/01/2001 | 24/01/2000 | A CURRENT IMPEDANCE DEVICE FOR ROUTING A TIME-VARYING ELECTRICAL CURRENT IN A PIPING STRUCTURE AND A METHOD OF OPERATING A PETROLEUM WELL HAVING A PIPE DISPOSED IN THE EARTH | <b>SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B. V.,</b>                  | 20/05/2005 | CHENNAI |

|     |        |              |            |  |                                                                                                                 |                                                                      |            |         |
|-----|--------|--------------|------------|--|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------|---------|
| 256 | 205190 | 438/CHE/2004 | 11/05/2004 |  | SYSTEM AND METHOD FOR NETWORK BASED MULTIMEDIA MESSAGE GENERATION.                                              | <b>SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b>             | 19/05/2006 | CHENNAI |
| 257 | 205191 | 456/CHE/2004 | 13/05/2004 |  | A BOBBIN HOLDER ASSEMBLY FOR A RING SPINNING MACHINE                                                            | <b>RAMAKRISHNAN SOUNDARARAJ</b>                                      | 19/05/2006 | CHENNAI |
| 258 | 205192 | 496/CHE/2004 | 01/06/2004 |  | A DEVICE FOR REDUCING FUEL CONSUMPTION DURING DECELERATION PERIODS OF MOTOR VEHICLES                            | <b>UCAL FUEL SYSTEMS LIMITED</b>                                     | 19/05/2006 | CHENNAI |
| 259 | 205193 | 585/CHE/2004 | 18/06/2004 |  | A GEAR SHIFT INTERLOCK MECHANISM FOR A MULTISPEED SYNCHROMESH TRANSMISSION SYSTEM                               | <b>TVS MOTOR COMPANY LIMITED</b>                                     | 19/05/2006 | CHENNAI |
| 260 | 205194 | 591/CHE/2004 | 21/06/2004 |  | BRAKE STRUCTURE OF VEHICLE                                                                                      | <b>CHEN CHUNG- SHENG</b>                                             | 19/05/2006 | CHENNAI |
| 261 | 205195 | 772/MAS/1997 | 15/04/1997 |  | A DILATION DEVICE AND A METHOD OF CONSTRUCTING THE SAME                                                         | <b>THE CHAIRMAN,SOCIETY FOR BIOMEDICAL TECHNOLOGY (SMBT)</b>         | 19/05/2006 | CHENNAI |
| 262 | 205196 | 986/CHE/2003 | 04/12/2003 |  | A METHOD OF FACSIMILE COMMUNICATION OVER DATA NETWORKS                                                          | <b>SAMSUNG ELECTRONIC CO. LTD., INDIA SOFTWARE OPERATIONS (SISO)</b> | 19/05/2006 | CHENNAI |
| 263 | 205197 | 373/MAS/2002 | 20/05/2002 |  | AN ONLINE SYSTEM FOR IDENTIFICATION AND REJECTION OF UNDESIRABLE FOREIGN MATERIAL/CONTAMINATION IN FIBRE STREAM | <b>PREMIER POLYTRONICS PVT.LTD,</b>                                  | 26/05/2006 | CHENNAI |
| 264 | 205198 | 432/CHE/2004 | 11/05/2004 |  | A PROCESS FOR THE MANUFACTURE OF GRANULAR FLUX FOR ADDITION TO MOLTEN ALUMINIUM AND ITS ALLOYS                  | <b>HUMCHA SUNDARA MURTHY</b>                                         | 26/05/2006 | CHENNAI |
| 265 | 205199 | 584/CHE/2004 | 18/06/2004 |  | A GEAR SHIFT DEVICE FOR A SYNCHROMESH TRANSMISSION SYSTEM                                                       | <b>TVS MOTOR COMPANY LIMITED</b>                                     | 26/05/2006 | CHENNAI |
| 266 | 205200 | 636/CHE/2004 | 05/07/2004 |  | AN IMPROVED PROCESS FOR HIGH PURITY 1-METHYLINDAZOLE-3-CARBOXYLIC ACID                                          | <b>NATCO PHARMA LIMITED</b>                                          | 26/05/2006 | CHENNAI |
| 267 | 205201 | 707/CHE/2004 | 20/07/2004 |  | A PUMP FILTRATION SYSTEM                                                                                        | <b>RUSSELL HENRY KELLY</b>                                           | 26/05/2006 | CHENNAI |
| 268 | 205202 | 722/CHE/2004 | 23/07/2004 |  | A FUEL INJECTION SYSTEM FOR A MOTOR VEHICLE                                                                     | <b>INDIA NIPPON ELECTRICALS LIMITED</b>                              | 26/05/2006 | CHENNAI |
| 269 | 205203 | 806/CHE/2003 | 06/10/2003 |  | A PROCESS TO PREPARE FLORFENICOL.                                                                               | <b>AUROBINDO PHARMA LIMITED,</b>                                     | 26/05/2006 | CHENNAI |
| 270 | 205204 | 547/CHE/2004 | 11/06/2004 |  | HIGH EFFICIENCY PROJECTION SYSTEM AND METHOD OF FORMING COLOUR IMAGE USING THE SAME                             | <b>SAMSUNG ELECTRONICS CO. LTD</b>                                   | 02/06/2006 | CHENNAI |
| 271 | 205205 | 778/CHE/2004 | 06/08/2004 |  | TRAWLER WITH COLD STORAGE UNIT                                                                                  | <b>SETHU INSTITUTE OF TECHNOLOGY</b>                                 | 02/06/2006 | CHENNAI |



|     |        |               |            |            |                                                                                                                             |                                                                |            |         |
|-----|--------|---------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------|---------|
| 272 | 205206 | 794/CHE/2004  | 09/08/2004 |            | AN IMPROVED PROCESS FOR THE PREPARATION OF MIRTAZAPINE.                                                                     | <b>AUROBINDO PHARMA LIMITED,</b>                               | 02/06/2006 | CHENNAI |
| 273 | 205207 | 797/CHE/2004  | 11/08/2004 |            | A PROCESS-SAFE DETONATOR.                                                                                                   | <b>DEPARTMENT OF SPACE, INDIAN SPACE RESEARCH ORGANISATION</b> | 02/06/2006 | CHENNAI |
| 274 | 205208 | 903/CHE/2004  | 08/09/2004 |            | A DEAD WEIGHT PRESSURE REGULATOR SYSTEM FOR A PRESSURE COOKER                                                               | <b>TTK PRESTIGE LTD</b>                                        | 09/06/2006 | CHENNAI |
| 275 | 205209 | 904/CHE/2004  | 08/09/2004 |            | A HYPER - SYNCHRONOUS SPEED WATER PUMPING SYSTEM                                                                            | <b>DAMAYANTI RAMACHANDRAN</b>                                  | 09/06/2006 | CHENNAI |
| 276 | 205210 | 931/CHE/2004  | 17/09/2004 |            | AN IMPROVED PROCESS FOR THE PREPARATION OF LEVOFLOXACIN HEMIHYDRATE.                                                        | <b>MATRIX LABORATORIES LTD,</b>                                | 16/06/2006 | CHENNAI |
| 277 | 205211 | 733/CHE/2004  | 28/07/2004 |            | A FLAVOURED CHEWING GUMLET AND A PROCESS OF MANUFACTURING THE SAME.                                                         | <b>DALMIA CENTRE FOR RESEARCH &amp; DEVELOPMENT,</b>           | 30/06/2006 | CHENNAI |
| 278 | 205212 | 440/CHE/2004  | 11/05/2004 |            | A METHOD AND SYSTEM FOR AUDIO HELP SUPPORT TO THE MULTI FUNCTION PERIPHERAL DEVICES                                         | <b>SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b>       | 07/07/2006 | CHENNAI |
| 279 | 205213 | 793/CHE/2004  | 09/08/2004 |            | A PROCESS FOR THE PREPARATION OF 2-(HYDROXYMETHYL)-4-(3-METHOXYPROPOXY)-3-METHYLPYRIDINE HYDROCHLORIDE.                     | <b>AUROBINDO PHARMA LIMITED,</b>                               | 07/07/2006 | CHENNAI |
| 280 | 205214 | 1118/MAS/1998 | 26/05/1998 | 27/05/1997 | A METHOD FOR REDUCING THE NUMBER OF MESSAGES NEEDED TO TRANSFER DATA IN A DETERMINISTIC MANNER BETWEEN A PLURALITY OF NODES | <b>MICRO MOTION,INC</b>                                        | 14/07/2006 | CHENNAI |
| 281 | 205215 | 1204/MAS/1998 | 03/06/1998 | 03/06/1997 | IMPROVING THE FLOW FIELD IN THE INLET PLENUM OF A FLUIDISED BED                                                             | <b>THE BROKEN HILL PROPRIETARY COMPANY LIMITED,</b>            | 14/07/2006 | CHENNAI |
| 282 | 205216 | 1319/MAS/1998 | 17/06/1998 | 17/06/1997 | A CATALYTIC COMPOSITION OBTAINED BY MIXING AND AN ETHYLENE OLIGOMERIZATION PROCESS                                          | <b>INSTITUT FRANCAIS DU PETROLE</b>                            | 14/07/2006 | CHENNAI |
| 283 | 205217 | 1340/MAS/1998 | 18/06/1998 | 23/06/1997 | A POWER SEMICONDUCTOR MODULE HAVING A PLURALITY OF SUBMODULES                                                               | <b>ABB SCHWEIZ AG</b>                                          | 14/07/2006 | CHENNAI |
| 284 | 205218 | 1420/MAS/1998 | 25/06/1998 | 25/06/1997 | A BLADE FOR ROTOR CRAFT ROTORS                                                                                              | <b>EUROCOPTER,ONERA</b>                                        | 14/07/2006 | CHENNAI |
| 285 | 205219 | 1568/MAS/1998 | 14/07/1998 | 25/08/1997 | AN ARRANGEMENT,IN PARTICULAR, FOR AN ELECTRONIC CONTROL UNIT AND A METHOD THEREOF.                                          | <b>ROBERT BOSCH GMBH,</b>                                      | 14/07/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                           |                                                             |            |         |
|-----|--------|---------------|------------|------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------|---------|
| 286 | 205220 | 1592/MAS/1998 | 16/07/1998 | 25/08/1997 | A SUSPENSION SYSTEM.                                                                                      | <b>HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V,</b> | 14/07/2006 | CHENNAI |
| 287 | 205221 | 1612/MAS/1998 | 20/07/1998 | 24/07/1997 | SWITCHGEAR                                                                                                | <b>mitsubishi denki kabushiki kaisha</b>                    | 14/07/2006 | CHENNAI |
| 288 | 205222 | 1630/MAS/1998 | 21/07/1998 | 28/07/1997 | A METHOD FOR MEASURING A VALUE OF A CONDITION AND A CONDITION MEASURING CIRCUIT                           | <b>MICRO MOTION,INC</b>                                     | 14/07/2006 | CHENNAI |
| 289 | 205223 | 1707/MAS/1998 | 30/07/1998 | 31/07/1997 | METHOD OF CONTROLLING COMMUNICATION RESOURCES IN A TELECOMMUNICATIONS SYSTEM.                             | <b>NOKIA TELECOMMUNICATIONS OY</b>                          | 14/07/2006 | CHENNAI |
| 290 | 205224 | 1725/MAS/1998 | 31/07/1998 |            | CONTROLLER FOR VEHICLE ALTERNATOR                                                                         | <b>mitsubishi denki kabushiki kaisha</b>                    | 14/07/2006 | CHENNAI |
| 291 | 205225 | 1826/MAS/1998 | 13/08/1998 |            | HIGH-PERFORMANCE BRAHMI,PERSIAN SCRIPT BASED LANGUAGE DOT MATRIX PRINTER USING BUILT-IN(RESIDENT)FONTS    | <b>TVS ELECTRONICS LIMITED</b>                              | 14/07/2006 | CHENNAI |
| 292 | 205226 | 1835/MAS/1998 | 13/08/1998 | 15/08/1997 | A REEL FRO WINDING UP HOT OR COLD STRIP INTO A COIL.                                                      | <b>SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT</b>             | 14/07/2006 | CHENNAI |
| 293 | 205227 | 1878/MAS/1998 | 19/08/1998 |            | A DEVICE FOR SIMULTANEOUSLY PROVIDING PERMANENT INTERNET ACCESS AND NORMAL VOICE TELEPHONY TO SUBSCRIBERS | <b>INDIAN INSTITUTE OF TECHNOLOGY</b>                       | 14/07/2006 | CHENNAI |
| 294 | 205228 | 1882/MAS/1998 | 20/08/1998 | 21/08/1997 | A PROCESS FOR THE MANUFACTURE OF A XYLANASE-RICH ENZYME COMPLEX                                           | <b>DSM IP ASSETS B V</b>                                    | 14/07/2006 | CHENNAI |
| 295 | 205229 | 1886/MAS/1998 | 20/08/1998 | 15/09/1997 | A BREATHABLE BARRIER LAMINATE                                                                             | <b>KIMBERLY - CLARK WORLDWIDE INC</b>                       | 14/07/2006 | CHENNAI |
| 296 | 205230 | 1890/MAS/1998 | 21/08/1998 | 15/09/1997 | A THERMALLY STABLE BREATHABLE FILM                                                                        | <b>KIMBERLY-CLARK WORLDWIDE INC</b>                         | 14/07/2006 | CHENNAI |
| 297 | 205231 | 2221/MAS/1998 | 17/02/1994 | 12/05/1993 | A SPHERICAL ROTARY EXHAUST VALVE FOR USE IN ROTARY VALVE INTERNAL COMBUSTION ENGINES                      | <b>GEORGE J COATES</b>                                      | 14/07/2006 | CHENNAI |
| 298 | 205232 | 2237/MAS/1998 | 07/10/1998 | 08/10/1997 | AN APPARATUS IN A TEXTILE SPIN DRAW WINDING MACHINE                                                       | <b>MASCHINENFABRIK RIETER AG</b>                            | 14/07/2006 | CHENNAI |
| 299 | 205233 | 2462/MAS/1998 | 02/11/1998 | 03/11/1997 | A METHOD AND AN APPARATUS FOR PATTERN RECOGNITION                                                         | <b>BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY</b>    | 14/07/2006 | CHENNAI |
| 300 | 205234 | 2614/MAS/1998 | 19/11/1998 | 25/11/1997 | A PROCESS FOR PREPARING POLYAMIDES FROM CAPROLACTAM                                                       | <b>BASF AKTIENGESELLSCHAFT</b>                              | 14/07/2006 | CHENNAI |
| 301 | 205235 | 2615/MAS/1998 | 19/11/1998 | 25/11/1997 | A PROCESS FOR CONTINUOUS                                                                                  | <b>BASF AKTIENGESELLSCHAFT</b>                              | 14/07/2006 | CHENNAI |



|     |        |                       |            |            |                                                                                                                                                        |                                                                                                            |            |         |
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|     |        |                       |            |            | EXTRACTION OF POLYCAPROLACTAM OR CAPROLACTAM AND POLYAMIDE FORMING STARTING MATERIALS                                                                  | FT                                                                                                         |            |         |
| 302 | 205236 | 2700/MAS/1998         | 30/11/1998 | 28/11/1997 | A METAL FLOW SYSTEM FOR MAGNESIUM PRESSURE CASTING AND A PROCESS FOR PRODUCING A CASTING MAGNESIUM ALLOY                                               | COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION                                               | 14/07/2006 | CHENNAI |
| 303 | 205237 | 2757/MAS/1998         | 09/12/1998 | 17/12/1997 | A PROCESS FOR OBTAINING THE COMPOUND                                                                                                                   | SANOFI-AVENTIS DEUTSCHLAND GMBH                                                                            | 14/07/2006 | CHENNAI |
| 304 | 205239 | 2827/MAS/1998         | 18/12/1998 | 06/12/1997 | SOLENOID VALVE FOR A LIQUID-CONTROLLED HEATING AND/OR COOLING SYSTEM                                                                                   | ROBERT BOSCH GMBH                                                                                          | 14/07/2006 | CHENNAI |
| 305 | 205240 | 2887/MAS/1998         | 31/12/1998 | 05/03/1998 | A THREE-STAGE PROCESS FOR THE CONTINUOUS PREPARATION OF RTV-1 COMPOSITIONS                                                                             | WACKER CHEMIE AG                                                                                           | 14/07/2006 | CHENNAI |
| 306 | 205241 | 352/MAS/1998          | 20/02/1998 | 25/02/1997 | A CATALYTIC COMPOSITION                                                                                                                                | INSTITUT FRANCAIS DU PETROLE                                                                               | 14/07/2006 | CHENNAI |
| 307 | 205269 | 95/CHENP/2004         | 05/03/2002 | 05/03/2002 | A PROCESS FOR PRODUCING A FRACTION ENRICHED UPTO 100% OF 3-O- ACETYL-11-KETO-BETA-BOSWELIC ACID FROM AN EXTRACT CONTAINING A MIXTURE OF BOSWELIC ACIDS | GOKARAJU Ganga Raju,GOKARAJU Rama Raju,GOTTUMUKKAL A Venkata Subbaraju,GOLAKOTI Trimurtulu,PRATHA Sridhar. | 26/05/2006 | CHENNAI |
| 308 | 205270 | IN/PCT/2002/1184/CH E | 26/01/2001 | 04/02/2000 | A PROCESS FOR THE PREPARATION OF A LACTONE                                                                                                             | F. HOFFMANN-LA ROCHE AG                                                                                    | 04/03/2005 | CHENNAI |
| 309 | 205603 | IN/PCT/2002/128/CHE   | 27/07/2000 | 29/07/1999 | A REMOTE STATION AND A METHOD FOR CONTROLLING TRANSMISSION ENERGY OF A REMOTE STATION                                                                  | QUALCOMM INCORPORATED                                                                                      | 20/05/2005 | CHENNAI |
| 310 | 205605 | IN/PCT/2002/244/CHE   | 24/08/2000 | 24/08/1999 | A POLYESTER POLYMERIZATION CATALYST                                                                                                                    | TOYO BOSEKI KABUSHIKI KAISHA                                                                               | 20/05/2005 | CHENNAI |
| 311 | 205607 | 103/MAS/2003          | 05/02/2003 |            | A COMBINED TRACTION-STEERING MECHANISM FOR A VEHICLE                                                                                                   | ELECTRONICS RESEARCH AND DEVELOPMENT CENTRE OF INDIA                                                       | 17/06/2005 | CHENNAI |
| 312 | 205608 | 120/MAS/2001          | 08/02/2001 | 11/02/2000 | A METHOD FOR COMMUNICATING IN A WIRELESS COMMUNICATION SYSTEM                                                                                          | LUCENT TECHNOLOGIES INC                                                                                    | 17/06/2005 | CHENNAI |
| 313 | 205610 | IN/PCT/2001/1085/CH E | 26/01/2001 | 31/01/2000 | AN ORGANIC ELECTROLUMINESCENCE DEVICE AND A METHOD FOR MANUFACTURING THE SAME                                                                          | IDEMITSU KOSAN CO., LTD                                                                                    | 17/06/2005 | CHENNAI |
| 314 | 205612 | IN/PCT/2002/1108/CH E | 11/01/2001 | 22/01/2000 | A PROCESS FOR PRODUCING BLASTING AGENT GRAINS                                                                                                          | VULKAN STRAHLTECHNIK GMBH                                                                                  | 17/06/2005 | CHENNAI |
| 315 | 205613 | IN/PCT/2002/647/CHE   | 06/11/2000 | 05/11/1999 | A PROCESS OF PRODUCING AN                                                                                                                              | UNIROYAL CHEMICAL                                                                                          | 17/06/2005 | CHENNAI |

|     |        |                     |            |            |                                                                                                                          |                                                                   |            |         |
|-----|--------|---------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------|---------|
|     |        |                     |            |            | UNVULCANIZED RUBBER MASTERBATCH AND A COMPOSITION SUITABLE FOR MAKING THE SAME                                           | COMPANY, INC                                                      |            |         |
| 316 | 205615 | IN/PCT/2002/684/CHE | 28/10/2000 | 10/11/1999 | A PROCESS AND A DEVICE FOR PRODUCING CELLULOSE FIBERS OR FILAMENTS FROM CELLULOSE                                        | THÄERINGISCHES INSTITUT FÄR TEXTIL- UND KUNSTSTOFF-FORSCHUNG E.V. | 17/06/2005 | CHENNAI |
| 317 | 205616 | IN/PCT/2000/130/CHE | 23/09/1999 | 20/10/1998 | A STORAGE DEVICE AND A METHOD OF FORMATTING MEMORY IN THE SAME                                                           | KONINKLIJKE PHILIPS ELECTRONICS N.V.                              | 22/07/2005 | CHENNAI |
| 318 | 205618 | 2148/MAS/1997       | 29/09/1997 | 30/09/1996 | A METHOD FOR DETERMINING THE POSITION OF A USER TERMINAL IN A COMMUNICATION SYSTEM                                       | QUALCOMM INCORPORATED                                             | 02/09/2005 | CHENNAI |
| 319 | 205637 | 2241/MAS/1997       | 08/10/1997 | 07/06/1995 | A CONTINUOUSLY OPERABLE METHOD OF RENDERING RELATIVELY LOW GRADE CARBONACEOUS FUEL READILY TRANSPORTABLE AND COMBUSTIBLE | ENERTECH ENVIRONMENTAL INC                                        | 02/09/2005 | CHENNAI |
| 320 | 205638 | 2720/MAS/1998       | 02/12/1998 | 05/12/1997 | AN ARTICLE COMPRISING A SUBSTRATE COATED WITH A FLUORINE-DOPED COATING AND A METHOD OF MAKING SUCH SUBSTRATE             | N V BEKAERT S A                                                   | 02/09/2005 | CHENNAI |
| 321 | 205639 | 2147/MAS/1997       | 29/09/1997 | 30/09/1996 | POSITIONING DETERMINATION USING ONE LOW-EARTH ORBIT SATELLITE                                                            | QUALCOMM INCORPORATED                                             | 16/09/2005 | CHENNAI |
| 322 | 205640 | IN/PCT/2000/145/CHE | 10/12/1998 | 11/12/1997 | VEHICLE DRIVE WHEEL ASSEMBLY                                                                                             | VECTRIX CORPORATION                                               | 16/09/2005 | CHENNAI |
| 323 | 205641 | IN/PCT/2000/640/CHE | 16/04/1999 | 16/04/1998 | PROCESS FOR THE PRODUCTION OF R-(+)-6-CARBOXAMIDO- 3-N-METHYLAMINO- 1,2,3,4-TETRAHYDROCARBAZOL E                         | VERNALIS LIMITED                                                  | 16/09/2005 | CHENNAI |
| 324 | 205642 | IN/PCT/2000/871/CHE | 28/05/1999 | 28/05/1998 | A PROCESS FOR PRODUCING A CYANOBENZALDEHYDE COMPOUND                                                                     | SHOWA DENKO K.K.                                                  | 23/09/2005 | CHENNAI |
| 325 | 205643 | 1016/MAS/2000       | 28/11/2000 | 04/12/1999 | TRANSPORTING AND STORAGE CONTAINER FOR LIQUIDS                                                                           | PROTECHNA SA                                                      | 28/10/2005 | CHENNAI |
| 326 | 205644 | 414/MAS/2003        | 19/05/2003 |            | A REFRIGERANT COMPOSITION FOR A SINGLE STAGE REFRIGERATION SYSTEM                                                        | INDIAN INSTITUTE OF TECHNOLOGY                                    | 28/10/2005 | CHENNAI |
| 327 | 205645 | 808/MAS/2000        | 27/09/2000 | 28/09/1999 | H.323 USER,SERVICE AND SERVICE PROVIDER MOBILITY FRAMEWORK FOR THE MULTIMEDIA INTELLIGENT NETWORKING                     | AT & T CORP.,                                                     | 28/10/2005 | CHENNAI |

|     |        |                     |            |            |                                                                                                                                                             |                                                        |            |         |
|-----|--------|---------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------|---------|
| 328 | 205646 | IN/PCT/2002/218/CHE | 11/08/2000 | 11/08/1999 | A PROCESS FOR THE PREPARATION OF CRYSTALLINE ANIONIC CLAY-CONTAINING BODIES AND THE CRYSTALLINE BODY                                                        | <b>AKZO NOBEL N.V.,ALBEMARLE NETHERLANDS B V</b>       | 28/10/2005 | CHENNAI |
| 329 | 205647 | IN/PCT/2002/233/CHE | 01/08/2000 | 13/08/1999 | COPOLYMERS OF ETHYLENE WITH C3-C12 ALPHA- OLEFINS                                                                                                           | <b>BASELL POLYOLEFINE GMBH</b>                         | 28/10/2005 | CHENNAI |
| 330 | 205648 | IN/PCT/2002/353/CHE | 07/09/2000 | 10/09/1999 | A METHOD OF PRODUCING A TRANSGENIC PLANT                                                                                                                    | <b>TEXAS TECH UNIVERSITY</b>                           | 28/10/2005 | CHENNAI |
| 331 | 205649 | IN/PCT/2002/483/CHE | 26/09/2000 | 07/10/1999 | A PROCESS FOR THE IMPREGNATION OF CELLULOSE-BASED PRODUCTS                                                                                                  | <b>LINOTECH AB</b>                                     | 28/10/2005 | CHENNAI |
| 332 | 205650 | IN/PCT/2002/755/CHE | 24/11/2000 | 24/11/1999 | A MOBILETELEPHONE HANDSET AND A METHOD OF CONTROLLING IMAGE CAPTURE ON THE SAME                                                                             | <b>ORANGE PERSONAL COMMUNICATIONS SERVICES LIMITED</b> | 28/10/2005 | CHENNAI |
| 333 | 205651 | IN/PCT/2002/777/CHE | 23/10/2000 | 29/10/1999 | PROCESS FOR THE PREPARATION OF SOLUTIONS OR SUSPENSIONS OF ANIONIC ORGANIC COMPOUNDS                                                                        | <b>CIBA SPECIALTY CHEMICALS HOLDING INC</b>            | 28/10/2005 | CHENNAI |
| 334 | 205652 | 1408/CHENP/2003     | 13/03/2002 | 13/03/2001 | AIRFLOW MANAGEMENT IN COLD STORAGE APPLIANCES                                                                                                               | <b>APPLIED DESIGN AND ENGINEERING LIMITED</b>          | 25/11/2005 | CHENNAI |
| 335 | 205653 | 1481/CHENP/2003     | 23/04/2001 | 21/02/2001 | AN APPARATUS FOR CONDITIONING AIR                                                                                                                           | <b>DRYKOR LTD</b>                                      | 25/11/2005 | CHENNAI |
| 336 | 205654 | 1538/CHENP/2003     | 05/02/2002 | 01/03/2001 | A PHARMACEUTICAL COMPOSITION FOR MODULATING THE ACTIVITY OF INDUCIBLE COSTIMULATORS                                                                         | <b>JAPAN TOBACCO, INC</b>                              | 25/11/2005 | CHENNAI |
| 337 | 205655 | 1593/CHENP/2003     | 02/04/2002 | 12/04/2001 | DIHYDRO-BENZO(b)(1,4) DIAZEPIN-2-ONE DERIVATIVES AS MGLUR2 ANTAGONISTS I"                                                                                   | <b>F. HOFFMANN-LA ROCHE AG</b>                         | 25/11/2005 | CHENNAI |
| 338 | 205656 | 1614/CHENP/2003     | 09/04/2002 | 12/04/2001 | AN AIR RESERVOIR APPARATUS FOR A CONTINUOUS POSITIVE AIRWAY PRESSURE DEVICE                                                                                 | <b>LIFEVENT LIMITED</b>                                | 25/11/2005 | CHENNAI |
| 339 | 205657 | 1637/CHENP/2003     | 08/03/2002 | 16/03/2001 | A METHOD FOR THE PRODUCTION OF SYNTHESIS UREA                                                                                                               | <b>UREA CASALE S.A</b>                                 | 25/11/2005 | CHENNAI |
| 340 | 205658 | 1641/CHENP/2003     | 20/03/2002 | 21/03/2001 | A PROCESS FOR FLUID BED GRANULATION AND A FLUID BED GRANULATOR                                                                                              | <b>UREA CASALE S.A.</b>                                | 25/11/2005 | CHENNAI |
| 341 | 205659 | 238/CHE/2004        | 18/03/2004 |            | DECAFFEINATION OF VARIOUS VARIETIES OF TEAS USING SUPER CRITICAL FLUID EXTRACTION CO2 PROCESS AND TO OPTIMIZE THE PROCESSING CAPABILITIES IN DECAFFEINATION | <b>J.RAGHUNATH RAO</b>                                 | 02/12/2005 | CHENNAI |
| 342 | 205660 | 24/CHENP/2004       | 06/06/2002 | 07/06/2001 | A BOARD BASED ON A                                                                                                                                          | <b>BPB plc</b>                                         | 02/12/2005 | CHENNAI |

|     |        |                     |            |            |                                                                                        |                                         |            |         |
|-----|--------|---------------------|------------|------------|----------------------------------------------------------------------------------------|-----------------------------------------|------------|---------|
|     |        |                     |            |            | CEMENTITIOUS BINDER                                                                    |                                         |            |         |
| 343 | 205661 | 118/CHENP/2004      | 19/05/2003 | 24/05/2002 | DEVICE FOR RECEIVING AND SEPARATING CHIPS CREATED BY MACHINE TOOLS AND COOLANT (DRIVE) | MAYFRAN INTERNATIONAL B.V               | 09/12/2005 | CHENNAI |
| 344 | 205662 | 119/CHENP/2004      | 19/05/2003 | 24/05/2002 | A DEVICE FOR RECEIVING AND SEPARATING CHIPS AND COLLANT COLLECTING ON MACHINE TOOLS    | MAYFRAN INTERNATIONAL B.V               | 09/12/2005 | CHENNAI |
| 345 | 205663 | 120/CHENP/2004      | 19/05/2003 | 24/05/2002 | A DEVICE FOR SEPARATING CHIPS AND COOLANT FLUID COLLECTING ON MACHINE TOOLS            | MAYFRAN INTERNATIONAL B.V               | 09/12/2005 | CHENNAI |
| 346 | 205664 | 330/CHENP/2004      | 19/07/2001 | 26/01/2000 | A TOY ARTICLE WHICH IS SUITABLE AS A COLLECTOR'S ITEM OR FOR USE IN GAMES              | BREAKEY B.V                             | 23/12/2005 | CHENNAI |
| 347 | 205665 | 1053/CHE/2003       | 26/12/2003 |            | AN IMPROVED PROCESS FOR THE PREPARATION OF ZOLEDRONIC ACID                             | NATCO PHARMA LIMITED                    | 30/12/2005 | CHENNAI |
| 348 | 205666 | IN/PCT/2001/302/CHE | 04/07/2000 | 06/07/1999 | A METHOD FOR AUTOMATIC EXTRACTION OF THE STRUCTURE OF VIDEO SEQUENCE                   | KONINKLIJKE PHILIPS ELECTRONICS N. V    | 30/12/2005 | CHENNAI |
| 349 | 205667 | 1770/CHENP/2003     | 06/05/2002 | 15/05/2001 | CARBOXYLIC ACID SUBSTITUTED OXAZOLE DERIVATIVES                                        | F. HOFFMANN-LA ROCHE AG                 | 06/01/2006 | CHENNAI |
| 350 | 205668 | 1848/CHENP/2003     | 27/04/2001 | 27/04/2001 | AN APPARATUS WITH VORAXIAL SEPARATOR AND ANALYZER                                      | ENVIRO VORAXIAL TECHNOLOGY,INC          | 06/01/2006 | CHENNAI |
| 351 | 205669 | 1913/CHENP/2003     | 29/05/2002 | 07/06/2001 | A COMPOUND OF FORMULA 1 WITH 5-HT6 RECEPTOR AFFINITY                                   | F. HOFFMANN-LA ROCHE AG                 | 06/01/2006 | CHENNAI |
| 352 | 205670 | 1918/CHENP/2003     | 04/06/2002 | 08/06/2001 | POINT-OF-CARE IN-VITRO BLOOD ANALYSIS SYSTEM                                           | EPOCAL INC                              | 06/01/2006 | CHENNAI |
| 353 | 205671 | 250/CHE/2004        | 19/03/2004 |            | CONNECTING PINS FOR CARBON MATERIAL ELECTRODES                                         | SGL CARBON AG                           | 06/01/2006 | CHENNAI |
| 354 | 205672 | 280/CHE/2004        | 26/03/2004 | 31/03/2003 | A METHOD FOR GENERATING A COMPILATION OF FORMATION PROPERTY DATA                       | PETROLEUM RESEARCH AND DEVELOPMENT N. V | 06/01/2006 | CHENNAI |
| 355 | 205673 | 348/CHE/2004        | 15/04/2004 | 15/04/2003 | LEAD ACID BATTERY,IN PARTICULAR A U-BOAT PROPULSION BATTERY                            | HAWKER GMBH                             | 06/01/2006 | CHENNAI |
| 356 | 205674 | 908/CHENP/2004      | 29/10/2002 | 30/10/2001 | A PROCESS FOR DECOMPOSING ORGANIC HYDROPEROXIDES                                       | RHODIA POLYAMIDE INTERMEDIATES          | 13/01/2006 | CHENNAI |
| 357 | 205675 | 1000/CHENP/2004     | 10/10/2002 | 11/10/2001 | PLASTIC SPOUT                                                                          | ITSAC N.V                               | 03/02/2006 | CHENNAI |
| 358 | 205676 | 1079/CHENP/2004     | 11/11/2002 | 19/11/2001 | NICOTIN-OR ISONICOTIN BENZOTHAZOLE DERIVATIVES                                         | F. HOFFMANN-LA ROCHE AG                 | 03/02/2006 | CHENNAI |
| 359 | 205677 | 530/CHE/2004        | 08/06/2004 | 12/06/2003 | IMPROVED METHOD FOR THE RECOMBINANT PRODUCTION OF                                      | F. HOFFMANN-LA ROCHE AG                 | 03/02/2006 | CHENNAI |

|     |        |                     |            |            |                                                                                                        |                               |            |         |
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|     |        |                     |            |            | POLYPEPTIDES                                                                                           |                               |            |         |
| 360 | 205678 | IN/PCT/2002/664/CHE | 03/10/2000 | 08/10/1999 | METHOD FOR ASSESSING FOWL SPERM QUALITY                                                                | UNIVERSITY OF ABERTAY DUNDEE  | 03/02/2006 | CHENNAI |
| 361 | 205679 | 1185/CHENP/2004     | 30/10/2002 | 31/10/2001 | THERMOPLASTIC POLYMER MATERIAL FOR AUDIO AND/OR OPTICAL DATA RECORDING MEDIA                           | ARKEMA FRANCE                 | 10/02/2006 | CHENNAI |
| 362 | 205680 | 1191/CHENP/2004     | 27/11/2002 | 30/11/2001 | INSTALLATION FOR ASSEMBLING TUBE COMPONENTS                                                            | AISAPACK HOLDING S.A.         | 10/02/2006 | CHENNAI |
| 363 | 205681 | 1534/CHENP/2004     | 15/01/2003 | 17/01/2002 | A THIADIAZOLE COMPOUND                                                                                 | SUMITOMO CHEMICAL COMPANY     | 10/02/2006 | CHENNAI |
| 364 | 205682 | 2675/CHENP/2004     | 30/05/2003 | 30/05/2002 | A FLUID TURBINE FOR EXTRACTION OF POWER FROM A MOVING FLUID                                            | ARTHUR BENJAMIN O'CONNOR      | 10/02/2006 | CHENNAI |
| 365 | 205683 | 2810/CHENP/2004     | 06/08/2002 | 17/06/2002 | NOZZLE GUARD FOR A PRINthead                                                                           | SILVERBROOK RESEARCH PTY LTD  | 10/02/2006 | CHENNAI |
| 366 | 205684 | 2819/CHENP/2004     | 30/05/2003 | 27/02/2003 | A MICRO-MIRROR AND AN ARRAY OF A PLURALITY OF MICRO-MIRRORS                                            | MIRADIA INC                   | 10/02/2006 | CHENNAI |
| 367 | 205685 | 2870/CHENP/2004     | 18/06/2002 | 18/06/2002 | FED BATCH SOLID STATE FERMENTATION FOR THE PRODUCTION OF MYCOPHENOLIC ACID                             | BIOCON LIMITED                | 17/02/2006 | CHENNAI |
| 368 | 205686 | 1572/CHENP/2004     | 08/01/2003 | 23/01/2002 | AN ENDOTRACHEAL TUBE WHICH PERMITS ACCURATE DETERMINATION OF MUCOSAL PRESSURE                          | BRAIN, Archibald Ian Jeremy   | 24/02/2006 | CHENNAI |
| 369 | 205687 | 1609/CHENP/2004     | 22/01/2003 | 24/01/2002 | FLUORO SUBSTITUTED CYCLOALKANOINDOLES, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT | MERCK FROSST CANADA & CO      | 24/02/2006 | CHENNAI |
| 370 | 205688 | 1708/CHENP/2004     | 12/02/2003 | 13/02/2002 | A PROGRAMMABLE MARKING DEVICE                                                                          | SILVERBROOK RESEARCH PTY. LTD | 24/02/2006 | CHENNAI |
| 371 | 205689 | 1722/CHENP/2004     | 12/02/2003 | 13/02/2002 | A METERING SYSTEM                                                                                      | SILVERBROOK RESEARCH PTY. LTD | 24/02/2006 | CHENNAI |
| 372 | 205690 | 1724/CHENP/2004     | 12/02/2003 | 13/02/2002 | SPEEDSTICK BOOSTING OF SPEED WITH POWER SUPPLY CAPACITY                                                | SILVERBROOK RESEARCH PTY LTD  | 24/02/2006 | CHENNAI |
| 373 | 205691 | 1760/CHENP/2004     | 18/12/2002 | 10/01/2002 | A SAFE AND AUTOMATIC METHOD FOR REMOVAL OF COKE FROM A COKE VESSEL                                     | CHEVRON U.S.A. INC            | 24/02/2006 | CHENNAI |
| 374 | 205692 | 1777/CHENP/2004     | 05/02/2003 | 14/02/2002 | A TENSIONER FOR A POWER TRANSMISSION BELT AND A METHOD OF UTILIZING SAID TENSIONER THEREOF             | DAYCO PRODUCTS, LLC           | 24/02/2006 | CHENNAI |
| 375 | 205693 | 1959/CHENP/2004     | 06/02/2003 | 07/03/2002 | METHOD AND PLANT FOR MANUFACTURING CEMENT CLINKER                                                      | F.L. SMIDTH A/S               | 24/02/2006 | CHENNAI |
| 376 | 205694 | 1969/CHENP/2004     | 29/08/2003 | 30/08/2002 | IMAGE PROCESSING APPARATUS AND METHOD                                                                  | CANON KABUSHIKI KAISHA        | 24/02/2006 | CHENNAI |
| 377 | 205695 | 1983/CHENP/2004     | 26/02/2003 | 12/03/2002 | A METHOD OF REMOVING MERCURY FROM FLUE                                                                 | FOSTER WHEELER ENERGY         | 24/02/2006 | CHENNAI |

|     |        |                     |            |            |                                                                                                                     |                                                     |            |         |
|-----|--------|---------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------|---------|
|     |        |                     |            |            | GAS                                                                                                                 | CORPORATION                                         |            |         |
| 378 | 205696 | 2007/CHENP/2004     | 07/03/2003 | 13/03/2002 | FLUORINATED 4-AZASTEROID DERIVATIVES AS ANDROGEN RECEPTOR MODULATORS                                                | MERCK & CO ., INC.                                  | 24/02/2006 | CHENNAI |
| 379 | 205697 | 2107/CHENP/2004     | 26/03/2003 | 26/03/2002 | A PROCESS FOR PREPARING BETA-LACTAM COMPOUND                                                                        | NIPPON SODA CO., LTD,DAIICHI ASUBIO PHARMA CO . LTD | 03/03/2006 | CHENNAI |
| 380 | 205698 | 2136/CHENP/2004     | 27/02/2003 | 28/02/2002 | NETWORK MANAGEMENT APPARATUS AND METHOD FOR DISPLAYING INFORMATION REGARDING NETWORK DEVICES CONNECTED TO A NETWORK | CANON KABUSHIKI KAISHA                              | 03/03/2006 | CHENNAI |
| 381 | 205699 | 1617/CHENP/2004     | 25/12/2002 | 25/12/2001 | A STAND-UP PACKAGING POUCH, A PACKAGE BODY AND MANUFACTURING METHODS THEREFOR                                       | PLAST CORPORATION                                   | 10/03/2006 | CHENNAI |
| 382 | 205700 | IN/PCT/2002/575/CHE | 16/09/2000 | 20/09/1999 | DEVICE FOR MOUNTING AND DEMOUNTING A BEARING UNIT                                                                   | SMS DEMAG AG                                        | 10/03/2006 | CHENNAI |
| 383 | 205701 | IN/PCT/2002/592/CHE | 23/10/2000 | 25/10/1999 | A RESEALABLE CLOSURE                                                                                                | TERENCE EDWARD WESTON                               | 10/03/2006 | CHENNAI |
| 384 | 205702 | IN/PCT/2002/171/CHE | 25/07/2000 | 30/07/1999 | A VIBRATORY CONVEYING APPARATUS AND A METHOD OF VIBRATING THE CONVEYING APPARATUS                                   | KINERGY CORPORATION                                 | 24/03/2006 | CHENNAI |
| 385 | 205703 | 1279/CHENP/2004     | 12/12/2002 | 12/12/2001 | A CRYOGENIC FLUID OFFLOADING SYSTEM                                                                                 | SINGLE BUOY MOORINGS INC                            | 12/05/2006 | CHENNAI |
| 386 | 205704 | 379/CHE/2004        | 26/04/2004 | 29/04/2003 | METHOD OF FORMING TUBING AROUND A TUBE SEAL IN A VEHICULAR DRIVESHAFT ASSEMBLY                                      | DANA CORPORATION                                    | 19/05/2006 | CHENNAI |
| 387 | 205705 | 691/CHE/2004        | 16/07/2004 |            | METHOD FOR CONTROLLING TWO OR MORE ANYCAST MACHINES PLACED ON THE SAME LINK                                         | SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.,        | 26/05/2006 | CHENNAI |
| 388 | 205706 | 521/CHE/2004        | 04/06/2004 |            | PROCESS FOR PREPARING NOVEL CRYSTALLINE FORM OF GATIFLOXACIN                                                        | MATRIX LABORATORIES LTD                             | 02/06/2006 | CHENNAI |
| 389 | 205707 | 566/CHE/2004        | 16/06/2004 |            | PROCESS FOR THE PREPARATION OF N-SUBSTITUTED HETERO CYCLIC DERIVATIVES                                              | MATRIX LABORATORIES LTD                             | 02/06/2006 | CHENNAI |
| 390 | 205708 | 1883/CHENP/2004     | 25/02/2003 | 25/02/2002 | CATALYST CARRIERS FOR EPOXIDATION OF OLEFINS                                                                        | SAINT-GOBAIN CERAMICS & PLASTICS, INC               | 23/06/2006 | CHENNAI |
| 391 | 205709 | 523/CHE/2004        | 04/06/2004 |            | PROCESS FOR PREPARING NOVEL CRYSTALLINE FORM OF GATIFLOXACIN                                                        | MATRIX LABORATORIES LTD                             | 23/06/2006 | CHENNAI |
| 392 | 205710 | 768/CHE/2004        | 05/08/2004 |            | LINEAR ELECTRO-MECHANICAL ACTUATOR                                                                                  | DEPARTMENT OF SPACE                                 | 23/06/2006 | CHENNAI |
| 393 | 205711 | 687/CHE/2004        | 15/07/2004 |            | DYNAMIC MULTIFOCAL SPECTACLE FRAME                                                                                  | DR. P.PARIKUMAR ,DR.A.S.KARTHIKEYA N                | 30/06/2006 | CHENNAI |
| 394 | 205721 | 976/MAS/2002        | 24/12/2002 |            | A SPRING BRAKE                                                                                                      | SUNDARAM                                            | 28/10/2005 | CHENNAI |



|     |        |                          |            |            |                                                                                                                                                         |                                                                                                                                                              |            |         |
|-----|--------|--------------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|
|     |        |                          |            |            | ACTUATOR WITH<br>INTERNAL BREATHER FOR<br>AN AUTOMOBILE<br>BRAKING SYSTEM                                                                               | CLAYTON LIMITED                                                                                                                                              |            |         |
| 395 | 205723 | 1055/CHE/2004            | 12/10/2004 |            | RE-CONFIGURABLE<br>MACHINING CENTER                                                                                                                     | BRAKES INDIA<br>LIMITED                                                                                                                                      | 14/07/2006 | CHENNAI |
| 396 | 205724 | 741/CHE/2004             | 28/07/2004 |            | INERTIA BRAKE<br>DYNAMOMETER                                                                                                                            | TVS MOTOR<br>COMPANY LIMITED                                                                                                                                 | 14/07/2006 | CHENNAI |
| 397 | 205725 | 744/CHE/2004             | 30/07/2004 | 01/08/2003 | A LIMITED SLIP<br>DIFFERENTIAL ASSEMBLY                                                                                                                 | DANA CORPORATION                                                                                                                                             | 14/07/2006 | CHENNAI |
| 398 | 205726 | 2220/MAS/1998            | 05/10/1998 | 12/05/1993 | A SPHERICAL ROTARY<br>INTAKE VALVE FOR USE<br>IN ROTARY VALVE<br>INTERNAL COMBUSTION<br>ENGINES                                                         | GEORGE J COATES                                                                                                                                              | 14/07/2006 | CHENNAI |
| 399 | 205727 | 824/MAS/2001             | 08/10/2001 |            | A STEAM PRESSURE<br>REGULATING DEVICE FOR<br>A PRESSURE COOKER                                                                                          | TTK PRESTIGE<br>LIMITED                                                                                                                                      | 04/08/2006 | CHENNAI |
| 400 | 205728 | 546/CHE/2003             | 01/07/2003 |            | PROCESS FOR<br>CARBOTHERMIC<br>REDUCTION OF IRON<br>OXIDE IN AN IMMISCIBLE<br>FLOW WITH CONSTANT<br>DESCENT IN VERTICAL<br>RETORT OF SILICON<br>CARBIDE | HYTECH BLUE<br>METAL POWDER<br>ALLOYS (P)<br>LTD,ADVANCED<br>RESEARCH CENTRE<br>INTERNATIONAL,DEP<br>ARTMENT OF<br>SCIENCE &<br>TECHNOLOGY,GOVT.<br>OF INDIA | 04/08/2006 | CHENNAI |
| 401 | 205729 | 542/CHE/2003             | 01/07/2003 |            | PROCESS FOR THE<br>PREPARATION OF PURE<br>AMLODIPINE                                                                                                    | MATRIX<br>LABORATORIES LTD                                                                                                                                   | 04/08/2006 | CHENNAI |
| 402 | 205731 | 943/MAS/2001             | 22/11/2001 |            | MODIFIED GEAR BOX                                                                                                                                       | TRACTORS AND<br>FARM EQUIPMENT<br>LIMITED                                                                                                                    | 04/08/2006 | CHENNAI |
| 403 | 205732 | 160/MAS/2003             | 03/03/2003 |            | AN APPARATUS FOR<br>PROCESSING FIBRE<br>MATERIAL IN A CARDING<br>MACHINE                                                                                | LAKSHMI MACHINE<br>WORKS LIMITED                                                                                                                             | 04/08/2006 | CHENNAI |
| 404 | 205733 | 586/CHE/2003             | 21/07/2003 |            | PNEUMAFIL<br>CENTRIFUGAL BLOWER<br>DEVICE                                                                                                               | LAKSHMI<br>ELECTRICAL DRIVES<br>LIMITED                                                                                                                      | 04/08/2006 | CHENNAI |
| 405 | 205735 | 118/MAS/2003             | 10/02/2003 |            | A DC POWER SUPPLY<br>CIRCUIT FOR THE<br>CONTROL UNIT OF A<br>CAPACITIVE DISCHARGE<br>IGNITION UNIT                                                      | INDIA NIPPON<br>ELECTRICALS<br>LIMITED                                                                                                                       | 04/08/2006 | CHENNAI |
| 406 | 205736 | 157/MAS/2003             | 28/02/2003 | 08/03/2002 | A SHIFT OPERATING<br>APPARATUS FOR A<br>BICYCLE                                                                                                         | SHIMANO INC                                                                                                                                                  | 04/08/2006 | CHENNAI |
| 407 | 205765 | 742/CHE/2004             | 29/07/2004 |            | A DEVICE FOR LEAKAGE<br>DETECTION IN A SELF-<br>CLOSING VALVE OF AN<br>LPG CYLINDER                                                                     | LPG EQUIPMENT<br>RESEARCH CENTRE                                                                                                                             | 30/06/2006 | CHENNAI |
| 408 | 205766 | 825/CHE/2004             | 19/08/2004 | 20/08/2003 | A DECODER AND<br>DECODING METHOD                                                                                                                        | SAMSUNG<br>ELECTRONICS<br>CO.LTD                                                                                                                             | 07/07/2006 | CHENNAI |
| 409 | 205894 | IN/PCT/2002/1392/CH<br>E | 02/03/2001 | 02/03/2000 | A METHOD FOR<br>OPTIMIZING THE<br>PRODUCTION OF FLUID IN<br>A PETROLEUM WELL                                                                            | SHELL<br>INTERNATIONALE<br>RESEARCH<br>MAATSCHAPPIJ B.V                                                                                                      | 28/01/2005 | CHENNAI |
| 410 | 205895 | IN/PCT/2002/1395/CH      | 02/03/2001 | 02/03/2000 | CONTROLLED DOWNHOLE                                                                                                                                     | SHELL                                                                                                                                                        | 28/01/2005 | CHENNAI |

|     |        |                          |            |            |                                                                                                                                                                    |                                                         |            |         |
|-----|--------|--------------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------|---------|
|     |        | E                        |            |            | CHEMICAL INJECTION                                                                                                                                                 | INTERNATIONALE<br>RESEARCH<br>MAATSCHAPPIJ B.V.         |            |         |
| 411 | 205896 | IN/PCT/2002/1405/CH<br>E | 02/03/2001 | 03/03/2000 | A METHOD FOR<br>DETERMINING A FLOW<br>PROPERTY OF A FLUID.A<br>METHOD FOR PROVIDING<br>CORRECTED<br>CAPACITANCE AND A<br>CAPACITANCE METER                         | SHELL<br>INTERNATIONALE<br>RESEARCH<br>MAATSCHAPPIJ B.V | 28/01/2005 | CHENNAI |
| 412 | 205897 | IN/PCT/2002/1422/CH<br>E | 19/02/2001 | 21/02/2000 | ELECTRONIC ALARM<br>TIMER FOR A MEDICAL<br>REGIMEN                                                                                                                 | AKZO NOBEL N.V.                                         | 28/01/2005 | CHENNAI |
| 413 | 205898 | IN/PCT/2002/1455/CH<br>E | 18/01/2001 | 14/03/2000 | PENCIL-TYPE HEATER<br>PLUG FOR AN INTERNAL<br>COMBUSTION ENGINE                                                                                                    | ROBERT BOSCH<br>GMBH                                    | 28/01/2005 | CHENNAI |
| 414 | 205899 | IN/PCT/2002/1463/CH<br>E | 23/03/2001 | 23/03/2000 | A PIVOTED PISTON FOR<br>AN INTERNAL<br>COMBUSTION ENGINE                                                                                                           | PIVOTAL<br>ENGINEERING<br>LIMITED                       | 28/01/2005 | CHENNAI |
| 415 | 205900 | IN/PCT/2002/1467/CH<br>E | 31/01/2001 | 17/02/2000 | METHOD AND DEVICE<br>FOR DETERMINING THE<br>REMAINING<br>SERVICEABLE LIFE OF A<br>PRODUCT                                                                          | ROBERT BOSCH<br>GMBH                                    | 28/01/2005 | CHENNAI |
| 416 | 205901 | IN/PCT/2002/1477/CH<br>E | 22/01/2001 | 18/02/2000 | A METHOD FOR<br>PRODUCING A 2-<br>HYDROXY-4-<br>METHYLTHIOBUTANOIC<br>ACID                                                                                         | SUMITOMO<br>CHEMICAL<br>COMPANY, LIMITED                | 28/01/2005 | CHENNAI |
| 417 | 205902 | IN/PCT/2002/1489/CH<br>E | 15/02/2001 | 22/02/2000 | STABILIZER MIXTURES<br>FOR POLYOLEFINS                                                                                                                             | CIBA SPECIALTY<br>CHEMICALS<br>HOLDING INC.             | 28/01/2005 | CHENNAI |
| 418 | 205903 | IN/PCT/2002/1537/CH<br>E | 19/03/2001 | 28/03/2000 | A CONTINUOUS PROCESS<br>FOR REACTING AN<br>ORGANIC COMPOUND<br>WITH HYDROPEROXIDE IN<br>THE PRESENCE OF A<br>CATALYST                                              | BASF<br>AKTIENGESELLSCHA<br>FT                          | 28/01/2005 | CHENNAI |
| 419 | 205904 | IN/PCT/2002/1541/CH<br>E | 02/03/2001 | 03/03/2000 | A PROCESS AND AN<br>APPARATUS FOR THE<br>PRODUCTION OF<br>AMMONIA                                                                                                  | PROCESS<br>MANAGEMENT<br>ENTERPRISES LTD                | 28/01/2005 | CHENNAI |
| 420 | 205905 | IN/PCT/2002/1557/CH<br>E | 29/03/2001 | 29/03/2000 | A SUBMARINE DEPLOYED<br>OCEAN BOTTOM SEISMIC<br>SYSTEM                                                                                                             | WESTERNGECO<br>SEISMIC HOLDINGS<br>LTD.                 | 28/01/2005 | CHENNAI |
| 421 | 205906 | IN/PCT/2002/1572/CH<br>E | 23/03/2001 | 31/03/2000 | A METHOD OF AND<br>APPARATUS FOR<br>CONTROLLING ACCESS TO<br>THE INTERNET IN A<br>COMPUTER SYSTEM AND<br>COMPUTER READABLE<br>MEDIUM STORING A<br>COMPUTER PROGRAM | DIGITAL ARTS INC.,                                      | 28/01/2005 | CHENNAI |
| 422 | 205907 | IN/PCT/2002/1583/CH<br>E | 30/03/2001 | 31/03/2000 | A METHOD OF<br>PRODUCING AMORPHOUS<br>PRECIPITATED SILICAS OR<br>SILICA GELS                                                                                       | AGRITEC INC.                                            | 28/01/2005 | CHENNAI |
| 423 | 205908 | IN/PCT/2002/1584/CH<br>E | 02/04/2001 | 31/03/2000 | A METHOD FOR<br>CHANGING TO BLUE OR<br>ENCHANCING THE<br>COLOUR OF A TYPE IIB<br>DIAMOND                                                                           | ELEMENT SIX<br>(PROPRIETARY)LIMI<br>TED                 | 28/01/2005 | CHENNAI |



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| 424 | 205909 | IN/PCT/2002/1585/CH<br>E | 02/04/2001 | 31/03/2000 | A METHOD OF CHANGING<br>THE COLOUR OF A<br>BROWN TYPE II DIAMOND<br>FROM BROWN TO PINK    | <b>ELEMENT SIX<br/>(PROPRIETARY)LIMITED</b>                         | 28/01/2005 | CHENNAI |
| 425 | 205910 | IN/PCT/2002/1601/CH<br>E | 06/04/2001 | 07/04/2000 | A CENTRIFUGAL<br>SEPARATOR ASSEMBLY<br>AND A METHOD OF<br>SEPARATING SOLID<br>PARTICLES   | <b>FOSTER WHEELER<br/>ENERGIA OY</b>                                | 28/01/2005 | CHENNAI |
| 426 | 205911 | IN/PCT/2002/1606/CH<br>E | 02/04/2001 | 03/04/2000 | DEVICE FOR<br>CULTIVATING PLANT OR<br>ANIMAL TISSUE<br>CULTURES                           | <b>ROOTEC<br/>GESELLSCHAFT<br/>FÜR BIOAKTIVE<br/>WIRKSTOFFE MBH</b> | 28/01/2005 | CHENNAI |
| 427 | 205912 | IN/PCT/2002/1609/CH<br>E | 20/03/2001 | 06/04/2000 | A COMPOSITION FOR<br>TREATING FUNGAL<br>INFECTION                                         | <b>NEUTEC PHARMA<br/>PLC</b>                                        | 28/01/2005 | CHENNAI |
| 428 | 205913 | IN/PCT/2002/1612/CH<br>E | 05/04/2001 | 04/04/2000 | A FINGER GLOVE AND A<br>CLEANING DEVICE                                                   | <b>KIMBERLY CLARK<br/>WORLDWIDE, INC</b>                            | 28/01/2005 | CHENNAI |
| 429 | 205914 | IN/PCT/2002/1622/CH<br>E | 09/04/2001 | 07/04/2000 | PIPETTE WITH SIMPLIFIED<br>DISASSEMBLY                                                    | <b>GILSON SAS,,</b>                                                 | 28/01/2005 | CHENNAI |
| 430 | 205915 | IN/PCT/2002/1623/CH<br>E | 09/04/2001 | 07/04/2000 | PIPETTE PROVIDED WITH<br>SAMPLED VOLUME<br>ADJUSTMENT MEANS                               | <b>GILSON SAS</b>                                                   | 28/01/2005 | CHENNAI |
| 431 | 205916 | IN/PCT/2002/1625/CH<br>E | 09/04/2001 | 07/04/2000 | A SAMPLING PIPETTE                                                                        | <b>GILSON SAS</b>                                                   | 28/01/2005 | CHENNAI |
| 432 | 205917 | IN/PCT/2002/1629/CH<br>E | 05/04/2001 | 07/04/2000 | HANDOFF METHOD FOR<br>DIGITAL BASE STATIONS<br>WITH DIFFERENT<br>SPECTRAL CAPABILITIES    | <b>QUALCOMM<br/>INCORPORATED</b>                                    | 28/01/2005 | CHENNAI |
| 433 | 205918 | IN/PCT/2002/1633/CH<br>E | 08/03/2001 | 08/03/2000 | A DEVICE AND SYSTEM<br>FOR IN VIVO IMAGING                                                | <b>GIVEN IMAGING LTD</b>                                            | 28/01/2005 | CHENNAI |
| 434 | 205919 | IN/PCT/2002/1670/CH<br>E | 07/04/2001 | 18/04/2000 | POLYAMIDE NUCLEIC<br>ACID DERIVATIVES,<br>AGENTS AND METHODS<br>FOR PRODUCING THEM        | <b>SANOFI-AVENTIS<br/>DEUTSCHLAND<br/>GMBH</b>                      | 28/01/2005 | CHENNAI |
| 435 | 205920 | IN/PCT/2002/1675/CH<br>E | 23/03/2001 | 14/04/2000 | A METHOD FOR<br>PROCESSING PACKETS IN<br>A COMPUTER<br>COMMUNICATION<br>NETWORK           | <b>JOYCE,JAMES B</b>                                                | 28/01/2005 | CHENNAI |
| 436 | 205921 | IN/PCT/2002/1677/CH<br>E | 05/04/2001 | 19/04/2000 | POST-SHAPED ELEMENT<br>FOR DETERMINING<br>SPATIAL POSITION<br>ESPECIALLY OF AN<br>IMPLANT | <b>HERAEUS KULZER<br/>GMBH &amp;CO.KG</b>                           | 11/02/2005 | CHENNAI |
| 437 | 205922 | IN/PCT/2002/1680/CH<br>E | 06/04/2001 | 12/04/2000 | AQUEOUS TWO-<br>COMPONENT CROSS-<br>LINKABLE COMPOSITION                                  | <b>AKZO NOBEL N.V.</b>                                              | 11/02/2005 | CHENNAI |
| 438 | 205923 | IN/PCT/2002/1708/CH<br>E | 10/04/2001 | 18/04/2000 | A SUBSTRATE FOR AND A<br>PROCESS IN CONNECTION<br>WITH THE PRODUCT OF<br>STRUCTURES       | <b>OBDUCAT<br/>AKTIEBOLAG</b>                                       | 11/02/2005 | CHENNAI |
| 439 | 205924 | IN/PCT/2002/1724/CH<br>E | 17/05/2001 | 18/05/2000 | A STERILIZATION<br>METHOD AND AN ION<br>GENERATING DEVICE                                 | <b>SHARP KABUSHIKI<br/>KAISHA</b>                                   | 11/02/2005 | CHENNAI |
| 440 | 205925 | IN/PCT/2002/1773/CH<br>E | 01/05/2001 | 02/05/2000 | A METHOD FOR<br>ALKYLATING A<br>GLYCOPEPTIDE                                              | <b>THERAVANCE INC.,</b>                                             | 11/02/2005 | CHENNAI |
| 441 | 205926 | IN/PCT/2002/1776/CH<br>E | 01/05/2001 | 02/05/2000 | A PHARMACEUTICAL<br>COMPOSITION                                                           | <b>THERAVANCE, INC</b>                                              | 11/02/2005 | CHENNAI |

|     |        |                       |            |            |                                                                                                                                |                                             |            |         |
|-----|--------|-----------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|---------|
|     |        |                       |            |            | COMPRISING A CYCLODEXTRIN AND A LAPIDATED GLYCOPEPTIDE ANTIBIOTIC                                                              |                                             |            |         |
| 442 | 205927 | IN/PCT/2002/1801/CH E | 02/04/2001 | 03/05/2000 | CONFECTIONARY PRODUCT HAVING AN ENHANCED COOLING EFFECT                                                                        | <b>SOCIETE DES PRODUITS NESTLE S.A</b>      | 11/02/2005 | CHENNAI |
| 443 | 205928 | IN/PCT/2002/1802/CH E | 30/04/2001 | 02/05/2000 | LOCKING DEVICE FOR LOCKING THE STATOR PACK OF A PUMP                                                                           | <b>CAPRARI S.P.A.</b>                       | 11/02/2005 | CHENNAI |
| 444 | 205929 | IN/PCT/2002/1822/CH E | 10/05/2001 | 12/05/2000 | A METHOD FOR POWER CONTROL IN A RADIO SYSTEM, A NETWORK PART IN A RADIO SYSTEM AND A RADIO SYSTEM                              | <b>NOKIA CORPORATION</b>                    | 11/02/2005 | CHENNAI |
| 445 | 205930 | IN/PCT/2002/1828/CH E | 14/05/2001 | 15/05/2000 | SMALL-CALIBRE DEFORMATION PROJECTILE AND A METHOD FOR THE PRODUCTION OF THE SAME                                               | <b>RUAG MUNITION</b>                        | 11/02/2005 | CHENNAI |
| 446 | 205931 | IN/PCT/2002/1848/CH E | 27/04/2001 | 18/05/2000 | A METHOD OF MANUFACTURING AN AL OR AL ALLOY WORKPIECE                                                                          | <b>CORUS ALUMINIUM WALZPRODUKTE GMBH</b>    | 11/02/2005 | CHENNAI |
| 447 | 205932 | IN/PCT/2002/1885/CH E | 06/04/2001 | 19/05/2000 | COMPOSITION AND METHOD TO PREPARE A CONCRETE COMPOSITION                                                                       | <b>AKZO NOBEL N.V.</b>                      | 11/02/2005 | CHENNAI |
| 448 | 205933 | IN/PCT/2002/1915/CH E | 24/05/2000 | 24/05/2000 | INK JET PRINthead NOZZLE ARRAY                                                                                                 | <b>SILVERBROOK RESEARCH PTY LTD</b>         | 11/02/2005 | CHENNAI |
| 449 | 205934 | IN/PCT/2002/1924/CH E | 11/05/2001 | 25/05/2000 | A DATE DISPLAY DEVICE                                                                                                          | <b>VAUCHER MANUFACTURE FLEURIER S. A</b>    | 11/02/2005 | CHENNAI |
| 450 | 205935 | IN/PCT/2002/1931/CH E | 02/03/2001 | 26/05/2000 | A DISPOSABLE AXIAL EXTERNAL FIXATION DEVICE FOR REDUCING BONE FRACTURES                                                        | <b>ORTHOFIX INTERNATIONAL B.V</b>           | 11/02/2005 | CHENNAI |
| 451 | 205936 | IN/PCT/2002/1969/CH E | 31/05/2001 | 31/05/2000 | A METHOD FOR INCREASING THE EFFICIENCY OF A SYSTEM COMPRISING A FUEL REFORMER COUPLED TO A FUEL CELL                           | <b>NUVERA FUEL CELLS, INC.</b>              | 11/02/2005 | CHENNAI |
| 452 | 205937 | IN/PCT/2002/1970/CH E | 23/04/2001 | 08/05/2000 | HEATING, COOKING, AND STERILIZING APPARATUS                                                                                    | <b>ONO FOODS INDUSTRIAL CO., LTD</b>        | 11/02/2005 | CHENNAI |
| 453 | 205938 | IN/PCT/2002/1976/CH E | 10/05/2001 | 11/05/2000 | REACTOR FOR CARRYING OUT EXOTHERMIC OR ENDOTHERMIC HETEROGENEOUS REACTIONS AND METHOD FOR THE MANUFACTURE OF A REACTOR THEREOF | <b>METHANOL CASALE S.A</b>                  | 25/02/2005 | CHENNAI |
| 454 | 205939 | IN/PCT/2002/1984/CH E | 01/06/2001 | 07/06/2000 | A COATING COMPOSITION FOR FORMING A SCRATCH-OFF LAYER ON A SUBSTRATE                                                           | <b>SICPA HOLDING S.A.</b>                   | 25/02/2005 | CHENNAI |
| 455 | 205940 | IN/PCT/2002/1990/CH E | 03/05/2001 | 11/05/2000 | PROCESS FOR STAINING OF WOOD WITH AQUEOUS WOOD STAINS                                                                          | <b>CIBA SPECIALTY CHEMICALS HOLDING INC</b> | 25/02/2005 | CHENNAI |

|     |        |                          |            |            |                                                                                                                                  |                                                                       |            |         |
|-----|--------|--------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------|---------|
| 456 | 205941 | IN/PCT/2002/1992/CH<br>E | 27/04/2001 | 11/05/2000 | A BURNER                                                                                                                         | <b>FRANKLIN SCOTT</b>                                                 | 25/02/2005 | CHENNAI |
| 457 | 205942 | IN/PCT/2002/1994/CH<br>E | 01/06/2001 | 08/06/2000 | A METHOD FOR<br>REDUCING NITROGEN<br>OXIDE (NO <sub>x</sub> ) EMISSIONS<br>FORMED DURING<br>COMBUSTION OF A<br>CARBONACEOUS FUEL | <b>CLEARSTACK<br/>COMBUSTION<br/>CORPORATION<br/>,ROBERT ASHWORTH</b> | 25/02/2005 | CHENNAI |
| 458 | 205960 | IN/PCT/2002/2022/CH<br>E | 08/06/2001 | 12/06/2000 | CROSS-LAMINATE OF<br>FILMS AND METHOD OF<br>MANUFACTURING                                                                        | <b>OLE-BENDT<br/>RASMUSSEN</b>                                        | 25/02/2005 | CHENNAI |
| 459 | 205961 | IN/PCT/2002/2055/CH<br>E | 30/06/2000 | 30/06/2000 | INK JET FAULT<br>TOLERANCE USING<br>EXTRA INK DOTS                                                                               | <b>SILVERBROOK<br/>RESEARCH PTY LTD</b>                               | 25/02/2005 | CHENNAI |
| 460 | 205962 | IN/PCT/2002/2056/CH<br>E | 30/06/2000 | 30/06/2000 | INK JET FAULT<br>TOLERANCE USING<br>ADJACENT NOZZLES                                                                             | <b>SILVERBROOK<br/>RESEARCH PTY LTD</b>                               | 25/02/2005 | CHENNAI |
| 461 | 205963 | IN/PCT/2002/2076/CH<br>E | 28/03/2001 | 22/06/2000 | A CONSTRUCTION<br>MATERIAL AND A<br>METHOD FOR PREPARING<br>SUCH MATERIAL                                                        | <b>AKZO NOBEL N.V.</b>                                                | 25/02/2005 | CHENNAI |
| 462 | 205965 | IN/PCT/2002/2080/CH<br>E | 15/06/2001 | 16/06/2000 | INJECTION DEVICE                                                                                                                 | <b>NOVO NORDISK A/S</b>                                               | 25/02/2005 | CHENNAI |
| 463 | 205966 | IN/PCT/2002/2082/CH<br>E | 12/06/2001 | 12/06/2000 | AUTOMATED<br>COMPETITIVE BIDDING<br>SYSTEM AND PROCESS                                                                           | <b>KHALIDI, Tariq</b>                                                 | 25/02/2005 | CHENNAI |
| 464 | 205967 | IN/PCT/2002/2115/CH<br>E | 29/06/2001 | 30/06/2000 | A HUMAN MONOCYTE<br>CHEMOATTRACTANT<br>PROTEIN (MCP)-1 BINDING<br>MOLECULES                                                      | <b>NOVARTIS AG</b>                                                    | 25/02/2005 | CHENNAI |
| 465 | 205968 | IN/PCT/2002/2121/CH<br>E | 18/06/2001 | 27/06/2000 | METHOD FOR PREPARING<br>A COMPOSITION                                                                                            | <b>F. HOFFMANN-LA<br/>ROCHE AG</b>                                    | 25/02/2005 | CHENNAI |
| 466 | 205969 | IN/PCT/2002/2128/CH<br>E | 25/06/2001 | 23/06/2000 | HEAT EXCHANGE<br>ASSEMBLY                                                                                                        | <b>AIL RESEARCH INC</b>                                               | 25/02/2005 | CHENNAI |
| 467 | 205971 | 101/CHENP/2003           | 05/07/2001 | 28/07/2000 | A HIGH DURABILTY<br>CIRCULAR POLARIZER                                                                                           | <b>3M INNOVATIVE<br/>PROPERTIES<br/>COMPANY</b>                       | 08/04/2005 | CHENNAI |
| 468 | 205972 | 102/CHENP/2003           | 22/06/2001 | 23/06/2000 | A DRY POWDER<br>PHARMACEUTICAL<br>COMPOSITION<br>COMPRISING<br>RACECADOTRIL                                                      | <b>BIOPROJET</b>                                                      | 08/04/2005 | CHENNAI |
| 469 | 205974 | 116/CHENP/2003           | 17/07/2001 | 19/07/2000 | METHOD AND<br>APPARATUS FOR<br>REDUCING CODE PHASE<br>SEARCH SPACE                                                               | <b>QUALCOMM<br/>INCORPORATED</b>                                      | 08/04/2005 | CHENNAI |
| 470 | 205975 | 13/CHENP/2003            | 13/06/2001 | 13/06/2000 | A METHOD OF IMPARTING<br>A DESIRED MORPHOLOGY<br>TO A POLYMERIC<br>MATERIAL AND THE<br>POLYMERIC MATERIAL<br>PRODUCED THEREBY    | <b>ZMS LLC</b>                                                        | 08/04/2005 | CHENNAI |
| 471 | 205976 | 141/CHENP/2003           | 19/07/2001 | 24/08/2000 | METHOD AND PLANT FOR<br>MANUFACTURING<br>CEMENT CLINKER                                                                          | <b>F.L. SMIDTH A/S</b>                                                | 08/04/2005 | CHENNAI |
| 472 | 205977 | 149/CHENP/2003           | 12/04/2001 | 17/07/2000 | METHOD FOR MAKING A<br>MODULAR ENERGY-<br>ABSORBING ASSEMBLY                                                                     | <b>OAKWOOD ENERGY<br/>MANAGEMENT, INC</b>                             | 08/04/2005 | CHENNAI |
| 473 | 205978 | 154/CHENP/2003           | 24/07/2001 | 24/07/2000 | "DISPENSER,OVER-<br>CENTRE APPLICATION"                                                                                          | <b>CLINICAL DESIGNS<br/>LIMITED</b>                                   | 08/04/2005 | CHENNAI |

|     |        |                |            |            |                                                                                                                                           |                                                       |            |         |
|-----|--------|----------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|---------|
| 474 | 205979 | 176/CHENP/2003 | 07/08/2001 | 07/08/2000 | INFORMATION DISPLAY PROTECTORS                                                                                                            | <b>3M INNOVATIVE PROPERTIES COMPANY</b>               | 08/04/2005 | CHENNAI |
| 475 | 205980 | 178/CHENP/2003 | 17/07/2001 | 17/07/2000 | A PROCESS FOR PREPARING 4-THIOALKYLBROMOBENZENE DERIVATIVES OF FORMULA 1                                                                  | <b>BASF Aktiengesellschaft</b>                        | 08/04/2005 | CHENNAI |
| 476 | 205981 | 18/CHENP/2003  | 05/07/2001 | 06/07/2000 | PROCESS FOR THE PREPARATION OF PROPYLENE OXIDE                                                                                            | <b>BASF AKTIENGESELLSCHAFT</b>                        | 08/04/2005 | CHENNAI |
| 477 | 205982 | 187/CHENP/2003 | 30/07/2001 | 01/08/2000 | TECHNIQUES FOR PERFORMING UMTS (UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM)AUTHENTICATION USING SIP (SESSION INITIATION PROTOCOL)MESSAGES | <b>NOKIA CORPORATION</b>                              | 08/04/2005 | CHENNAI |
| 478 | 205983 | 200/CHENP/2003 | 25/07/2001 | 10/08/2000 | A ROLL STAND WITH A CVC ROLL PAIR                                                                                                         | <b>SMS DEMAG AG</b>                                   | 08/04/2005 | CHENNAI |
| 479 | 205984 | 209/CHENP/2003 | 13/09/2000 | 13/09/2000 | MODULAR COMMERCIAL PRINTER                                                                                                                | <b>SILVERBROOK RESEARCH PTY LTD</b>                   | 08/04/2005 | CHENNAI |
| 480 | 205985 | 228/CHENP/2003 | 10/08/2001 | 10/08/2000 | A GREASE COMPOSITION AND A METHOD OF PREPARING THE SAME                                                                                   | <b>SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B. V</b> | 08/04/2005 | CHENNAI |
| 481 | 205986 | 257/CHENP/2003 | 29/08/2001 | 31/08/2000 | A METHOD FOR SPLICING LAMINATED MATERIAL FOR PACKAGING POURABLE FOOD PRODUCTS                                                             | <b>TETRA LAVAL HOLDINGS &amp; FINANCE SA</b>          | 08/04/2005 | CHENNAI |
| 482 | 205987 | 267/CHENP/2003 | 31/07/2001 | 01/08/2000 | A METHOD FOR MANUFACTURING AT LEAST A FLEXIBLE,NOT SELF-SUPPORTING SKIN OF A PLASTIC MATERIAL AND THE SKIN                                | <b>RECTICEL</b>                                       | 08/04/2005 | CHENNAI |
| 483 | 205988 | 303/CHENP/2003 | 19/07/2001 | 31/08/2000 | A UNIT FOR THE CONTINUOUS PRODUCTION OF PRINTED TEXTILE STRIPS IN PARTICULAR PRINTED LABEL STRIPS                                         | <b>TEXTILMA AG</b>                                    | 08/04/2005 | CHENNAI |
| 484 | 205989 | 313/CHENP/2003 | 20/08/2001 | 31/08/2000 | HANDSET PERSONALISATION                                                                                                                   | <b>NOKIA CORPORATION</b>                              | 08/04/2005 | CHENNAI |
| 485 | 205990 | 32/CHENP/2003  | 10/07/2001 | 12/07/2000 | FLUID PARTICULATE SOLIDS PROCESS UNIT                                                                                                     | <b>SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B. V</b> | 08/04/2005 | CHENNAI |
| 486 | 205991 | 321/CHENP/2003 | 31/07/2001 | 03/08/2000 | A PROCESS FOR PRODUCING A LAYER SHAPED PART,IN PARTICULAR AN ELASTOMERIC POLYURETHANE SKIN LAYER                                          | <b>RECTICEL</b>                                       | 08/04/2005 | CHENNAI |
| 487 | 205992 | 346/CHENP/2003 | 30/08/2001 | 01/09/2000 | AN OPTICAL DISK AND AN APPARATUS AND A METHOD FOR READING SUBDIVIDED INFORMATION FROM THE                                                 | <b>MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD</b>        | 08/04/2005 | CHENNAI |

|     |        |                |            |            |                                                                                                                                                |                                                                                                                                           |            |         |
|-----|--------|----------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|
|     |        |                |            |            | OPTICAL DISK                                                                                                                                   |                                                                                                                                           |            |         |
| 488 | 205993 | 394/CHENP/2003 | 17/09/2001 | 22/09/2000 | BICYCLIC<br>HETEROAROMATIC<br>COMPOUNDS                                                                                                        | AKZO NOBEL N.V                                                                                                                            | 08/04/2005 | CHENNAI |
| 489 | 205994 | 50/CHENP/2003  | 12/06/2001 | 19/06/2000 | FLUORESCENT<br>BRIGHTENER PIGMENT<br>COMPOSITIONS                                                                                              | CIBA SPECIALTY<br>CHEMICALS<br>HOLDING<br>INC,ALBEMARLE<br>CORPORATION                                                                    | 08/04/2005 | CHENNAI |
| 490 | 205995 | 52/CHENP/2003  | 01/02/2002 | 15/06/2000 | PROCESS FOR<br>DECOMPOSING A<br>CARBAMATE AQUEOUS<br>SOLUTION                                                                                  | UREA CASALE S A                                                                                                                           | 08/04/2005 | CHENNAI |
| 491 | 205996 | 58/CHENP/2003  | 26/06/2001 | 29/06/2000 | A CONTROLLED RELEASE<br>PHARMACEUTICAL<br>TABLET CONTAINING<br>CROSS LINKED AMYLOSE<br>AND A PROCESS FOR<br>PREPARING CROSS-<br>LINKED AMYLOSE | LENAERTS<br>Vincent,BECK Roland<br>Herwig Friedrich<br>,BOGAERT Elsie Van<br>,CHOUINARD Francois<br>,HOPCKE Reiner ,AND<br>DESEVAUX Cyril | 08/04/2005 | CHENNAI |
| 492 | 205997 | 73/CHENP/2003  | 13/06/2001 | 19/06/2000 | A PROCESS FOR THE<br>DISTILLATIVE<br>SEPARATION OF 6-<br>AMINOCAPRONITRILE                                                                     | BASF<br>AKTIENGESELLSCHA<br>FT                                                                                                            | 08/04/2005 | CHENNAI |
| 493 | 205998 | 407/CHENP/2003 | 19/07/2001 | 20/09/2000 | PLANT FOR<br>MANUFACTURING<br>CEMENT CLINKER                                                                                                   | F.L. SMIDTH A/S                                                                                                                           | 15/04/2005 | CHENNAI |
| 494 | 205999 | 434/CHENP/2003 | 28/09/2001 | 29/09/2000 | AEROSOL SPRAY<br>DISPENSER                                                                                                                     | ROBERT HENRY<br>ABPLANALP                                                                                                                 | 15/04/2005 | CHENNAI |
| 495 | 206000 | 457/CHENP/2003 | 05/09/2001 | 05/09/2000 | VALVE BODY AND SHUT-<br>OFF VALVE                                                                                                              | VACU VIN<br>INNOVATIONS LTD                                                                                                               | 15/04/2005 | CHENNAI |
| 496 | 206001 | 466/CHENP/2003 | 02/10/2001 | 05/10/2000 | A DEVICE FOR THE<br>PREMIXING OF ADDITIVES<br>AND FOR FEEDING THEM<br>INTO A POLYMER MELT<br>STREAM                                            | ZIMMER<br>AKTIENGESELLSCHA<br>FT                                                                                                          | 15/04/2005 | CHENNAI |
| 497 | 206002 | 512/CHENP/2003 | 18/09/2001 | 13/10/2000 | A MECHANICAL SWITCH<br>CONTACT FOR BIPOLAR<br>SWITCHNG OVER                                                                                    | MASCHINENFABRIK<br>REINHAUSEN GMBH                                                                                                        | 15/04/2005 | CHENNAI |
| 498 | 206003 | 556/CHENP/2003 | 19/10/2001 | 20/10/2000 | A METHOD OF<br>MANUFACTURING AN<br>INTEGRATED CIRCUIT<br>CARRIER                                                                               | SILVERBROOK<br>RESEARCH PTY LTD                                                                                                           | 15/04/2005 | CHENNAI |
| 499 | 206004 | 557/CHENP/2003 | 19/10/2001 | 20/10/2000 | A INTEGRATED CIRCUIT<br>CARRIER                                                                                                                | SILVERBROOK<br>RESEARCH PTY LTD .,                                                                                                        | 15/04/2005 | CHENNAI |
| 500 | 206005 | 562/CHENP/2003 | 19/10/2001 | 20/10/2000 | AN INKJET PRINthead<br>INCLUDING A PLURALITY<br>OF NOZZLES                                                                                     | SILVERBROOK<br>RESEARCH PTY LTD                                                                                                           | 15/04/2005 | CHENNAI |
| 501 | 206006 | 580/CHENP/2003 | 18/09/2001 | 20/09/2000 | A METHOD AND AN<br>APPARATUS FOR<br>MANUFACTURING PRESS<br>MOLDED BODIES                                                                       | RECKITT BENCKISER<br>N.V.                                                                                                                 | 15/04/2005 | CHENNAI |
| 502 | 206007 | 592/CHENP/2003 | 25/09/2001 | 26/09/2000 | METHOD AND MOULD<br>FOR MANUFACTURING A<br>MOULDED ARTICLE<br>COMPRISING AT LEAST<br>AN ELASTOMERIC<br>POLYURETHANE SKIN                       | RECTICEL                                                                                                                                  | 15/04/2005 | CHENNAI |
| 503 | 206008 | 614/CHENP/2003 | 26/10/2001 | 26/10/2000 | DEVICE FOR<br>TRANSPORTING<br>PARTICLES OF MAGNETIC                                                                                            | SHELL<br>INTERNATIONAL<br>RESEARCH                                                                                                        | 15/04/2005 | CHENNAI |

|     |        |                       |            |            |                                                                                                                                     |                                             |            |         |
|-----|--------|-----------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|---------|
|     |        |                       |            |            | MATERIAL                                                                                                                            | MAATSCHAPPIJ B. V                           |            |         |
| 504 | 206009 | 665/CHENP/2003        | 28/09/2001 | 07/10/2000 | COOLING ELEMENT FOR SHAFT FURNACES                                                                                                  | SMS DEMAG AG                                | 15/04/2005 | CHENNAI |
| 505 | 206010 | 667/CHENP/2003        | 16/01/2001 | 16/01/2001 | A REWINDING MACHINE AND A METHOD FOR WINDING WEB MATERIAL ONTO A CORE TO FORM ROLLS                                                 | FABIO PERINI S.P. A                         | 15/04/2005 | CHENNAI |
| 506 | 206011 | 699/CHENP/2003        | 04/10/2001 | 13/10/2000 | ULTRASONIC AUSTENITIC WELD SEAM INSPECTION METHOD AND APPARATUS                                                                     | CHICAGO BRIDGE & IRON COMPANY               | 15/04/2005 | CHENNAI |
| 507 | 206014 | IN/PCT/2002/1382/CH E | 26/02/2001 | 02/03/2000 | SYSTEM, DEVICE AND METHOD FOR RAPID PACKET FILTERING AND PROCESSING                                                                 | CHECK POINT SOFTWARE TECHNOLOGIES LTD.      | 28/01/2005 | CHENNAI |
| 508 | 206015 | 373/CHENP/2003        | 24/07/2001 | 11/09/2000 | A FISH FARMING SYSTEM AND A METHOD                                                                                                  | FISHFARM TECH LTD                           | 08/04/2005 | CHENNAI |
| 509 | 206261 | 701/CHENP/2003        | 08/05/2003 | 08/05/2003 | PROCESS FOR PREPARATION OF SUMATRIPTAN SUCCINATE CRYSTALLINE POLYMORPHS                                                             | HETERO DRUGS LIMITED                        | 15/04/2005 | CHENNAI |
| 510 | 206262 | 725/CHENP/2003        | 13/10/2001 | 16/10/2000 | A PROCESS FOR FILTERING AND/OR STABILIZING AN AQUEOUS LIQUID WITH POLYSTYRENE CONTAINING POLYMERS AND TO THE COMPOUND USED THEREFOR | BASF AKTIENGESELLSCHA FT                    | 15/04/2005 | CHENNAI |
| 511 | 206263 | 732/CHENP/2003        | 20/03/2001 | 20/11/2000 | A MELT-PROCESSABLE CONDUCTIVE FLUOROTHERMOPLASTIC COMPOSITION                                                                       | 3M INNOVATIVE PROPERTIES COMPANY            | 15/04/2005 | CHENNAI |
| 512 | 206264 | 746/CHENP/2003        | 03/03/2003 | 03/03/2003 | PROCESS FOR PREPARATION OF QUETIAPINE FUMARATE POLYMORPHS                                                                           | HETERO DRUGS LIMITED                        | 15/04/2005 | CHENNAI |
| 513 | 206265 | 748/CHENP/2003        | 21/03/2003 | 21/03/2003 | PROCESS FOR PREPARATION OF ARIPIRAZOLE CRYSTALLINE POLYMORPHS                                                                       | HETERO DRUGS LIMITED                        | 15/04/2005 | CHENNAI |
| 514 | 206266 | 751/CHENP/2003        | 22/11/2001 | 22/11/2000 | A BLADE FUSE FOR ELECTRIC CIRCUIT INSTALLED IN AUTOMOBILES                                                                          | PACIFIC ENGINEERING CORP,YAZAKI CORPORATION | 15/04/2005 | CHENNAI |
| 515 | 206267 | 771/CHENP/2003        | 27/11/2000 | 20/11/2000 | TWO-PART BINDING ADHESIVE APPLICATION IN A PRINTING/BINDING PROCESS                                                                 | SILVERBROOK RESEARCH PTY. LTD               | 15/04/2005 | CHENNAI |
| 516 | 206268 | 778/CHENP/2003        | 27/03/2003 | 27/03/2003 | PROCESS FOR PREPARATION OF CANDESARTAN CILEXETIL CRYSTALLINE POLYMORPHS                                                             | HETERO DRUGS LIMITED                        | 15/04/2005 | CHENNAI |
| 517 | 206269 | 1014/CHENP/2003       | 07/12/2001 | 29/12/2000 | METHYL PROPYL KETONE PEROXIDE FORMULATIONS AND A PROCESS TO CURE UNSATURATED                                                        | AKZO NOBEL N.V.                             | 22/04/2005 | CHENNAI |



|     |        |                     |            |            |                                                                                                            |                                                                          |            |         |
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|     |        |                     |            |            | POLYESTER RESIN                                                                                            |                                                                          |            |         |
| 518 | 206270 | 802/CHENP/2003      | 27/11/2000 | 27/11/2000 | APPARATUS FOR INTERACTION WITH A NETWORK COMPUTER SYSTEM                                                   | SILVERBROOK RESEARCH PTY LTD                                             | 22/04/2005 | CHENNAI |
| 519 | 206271 | 825/CHENP/2003      | 07/04/2003 | 07/04/2003 | A PROCESS FOR PREPARATION OF IRBESARTAN CRYSTALLINE POLYMORPH                                              | HETERO DRUGS LIMITED                                                     | 22/04/2005 | CHENNAI |
| 520 | 206272 | 826/CHENP/2003      | 04/04/2003 | 04/04/2003 | PROCESS FOR PREPARATION OF PARECOXIB SODIUM CRYSTALLINE POLYMORPHS                                         | HETERO DRUGS LIMITED                                                     | 22/04/2005 | CHENNAI |
| 521 | 206273 | 829/CHENP/2003      | 22/11/2001 | 22/11/2001 | A STEEL ALLOY                                                                                              | UDDEHOLM TOOLING AKTIEBOLAG                                              | 22/04/2005 | CHENNAI |
| 522 | 206274 | 916/CHENP/2003      | 11/04/2003 | 11/04/2003 | PROCESS FOR PREPARATION OF ZIPRASIDONE HYDROCHLORIDE CRYSTALLINE POLYMORPHS                                | HETERO DRUGS LIMITED                                                     | 22/04/2005 | CHENNAI |
| 523 | 206275 | 924/CHENP/2003      | 07/12/2001 | 13/12/2000 | ISOINDOLIN-1-ONE GLUCOKINASE ACTIVATORS                                                                    | F. HOFFMANN-LA ROCHE AG                                                  | 22/04/2005 | CHENNAI |
| 524 | 206276 | 925/CHENP/2003      | 28/09/2001 | 05/12/2000 | TRICHROMATIC DYEING PROCESS                                                                                | CLARIANT FINANCE (BVI) LIMITED                                           | 22/04/2005 | CHENNAI |
| 525 | 206277 | 930/CHENP/2003      | 22/12/2000 | 22/12/2000 | MANAGEMENT OF CALLS TO A ROAMING SUBSCRIBER                                                                | NOKIA CORPORATION                                                        | 22/04/2005 | CHENNAI |
| 526 | 206278 | 962/CHENP/2003      | 20/12/2001 | 22/12/2000 | A METHOD FOR PRODUCING ALPHA, BETA-UNSATURATED ALDEHYDE OR/AND UNSATURATED CARBOXYLIC ACID                 | NIPPON KAYAKU KABUSHIKI KAISHA                                           | 22/04/2005 | CHENNAI |
| 527 | 206279 | 977/CHENP/2003      | 25/01/2001 | 22/12/2000 | A LOCKING MECHANISM FOR A MEDICAL DEVICE, A HYPODERMIC NEEDLE ASSEMBLY AND A MEDICAL DEVICE                | NICODEL S.A.                                                             | 22/04/2005 | CHENNAI |
| 528 | 206280 | 998/CHENP/2003      | 22/12/2000 | 24/12/1999 | VAGINAL SPECULUM                                                                                           | KLAASSEN Bernhard Wilhelm Geziena Nicolaas, KLAASSEN Rita-Helene Holseng | 22/04/2005 | CHENNAI |
| 529 | 206281 | 1816/CHENP/2003     | 04/03/2003 | 05/03/2002 | METHOD AND SYSTEM FOR AUTHENTICATED FAST CHANNEL CHANGE OF MEDIA PROVIDED OVER A DSL CONNECTION            | NOKIA CORPORATION                                                        | 06/01/2006 | CHENNAI |
| 530 | 206282 | IN/PCT/2001/122/CHE | 25/05/2000 | 02/06/1999 | WIPER ARM WHICH CAN BE SWUNG DOWN                                                                          | ROBERT BOSCH GMBH                                                        | 28/10/2005 | CHENNAI |
| 531 | 206283 | IN/PCT/2001/59/CHE  | 08/06/1999 | 22/06/1998 | A GRIPPING DEVICE FOR A HAND HELD ARTICLE, A MANUAL IMPLEMENT AND A METHOD FOR USING SAID MANUAL IMPLEMENT | BIC CORPORATION                                                          | 28/10/2005 | CHENNAI |
| 532 | 206284 | IN/PCT/2002/95/CHE  | 16/02/2001 | 26/04/2000 | A CHEWING GUM COMPOSITION                                                                                  | PERFETTI VAN MELLE S.p.A                                                 | 03/02/2006 | CHENNAI |

|     |        |               |            |            |                                                                                         |                                              |            |         |
|-----|--------|---------------|------------|------------|-----------------------------------------------------------------------------------------|----------------------------------------------|------------|---------|
| 533 | 206285 | 142/MAS/2003  | 21/02/2003 |            | A VEHICLE WITH NON STOP RIDING SYSTEM                                                   | A. RAJENDRA BABU                             | 04/08/2006 | CHENNAI |
| 534 | 206286 | 148/MAS/2001  | 19/02/2001 |            | A PROCESS FOR THE PREPARATION OF DIPHENYLACETYLENES EXHIBITING CHIRAL NEMATIC PHASE     | CENTRE FOR LIQUID CRYSTAL RESEARCH           | 04/08/2006 | CHENNAI |
| 535 | 206287 | 158/MAS/2003  | 28/02/2003 | 08/03/2002 | A REAR DERAILLEUR FOR A BICYCLE                                                         | SHIMANO INC                                  | 04/08/2006 | CHENNAI |
| 536 | 206288 | 16/MAS/2001   | 05/01/2001 |            | A PALMYRA TREE FIBRE DOOR MAT                                                           | JANARDHANAN KALYAN KUMAR,SHEILA KALYAN KUMAR | 04/08/2006 | CHENNAI |
| 537 | 206289 | 17/MAS/2001   | 05/01/2001 |            | A METHOD FOR PROCESSING PALMYRA TREE FIBRE                                              | JANARDHANAN KALYAN KUMAR,SHEILA KALYAN KUMAR | 04/08/2006 | CHENNAI |
| 538 | 206290 | 313/MAS/2001  | 12/04/2001 |            | SYSTEM FOR MONITORING MULTIPLE PARAMETERS IN OBJECTS                                    | SATISH DULIPATI , M .R .RAGHUNATHAN          | 04/08/2006 | CHENNAI |
| 539 | 206291 | 317/MAS/2003  | 11/04/2003 | 16/04/2002 | A METHOD AND A DRILL PRESS ASSEMBLY FOR BORING A PLURALITY OF OPENINGS IN A BLOCK       | AMSTED INDUSTRIES INCORPORATED               | 04/08/2006 | CHENNAI |
| 540 | 206292 | 337/MAS/2001  | 24/04/2001 |            | AN OPTOELECTRONIC APPARATUS FOR STATIC AND DYNAMIC MEASUREMENTS                         | INDIAN SPACE RESEARCH ORGANISATION           | 04/08/2006 | CHENNAI |
| 541 | 206293 | 353/MAS/2003  | 24/04/2003 | 25/04/2002 | TRANSPORTING AND STORAGE CONTAINERS FOR LIQUIDS                                         | PROTECHNA S.A.                               | 04/08/2006 | CHENNAI |
| 542 | 206294 | 38/MAS/2001   | 11/01/2001 |            | A STARTER                                                                               | MITSUBISHI DENKI KABUSHIKI KAISHA            | 04/08/2006 | CHENNAI |
| 543 | 206295 | 380/MAS/2003  | 05/05/2003 |            | A RETRACTABLE CUM VARIABLE HEIGHT CONTAINER                                             | INDIAN SPACE RESEARCH ORGANISATION           | 04/08/2006 | CHENNAI |
| 544 | 206296 | 500/MAS/2001  | 21/06/2001 | 30/06/2000 | A HEAT INSULATOR FOR A DISC BRAKE ASSEMBLY                                              | SHIMANO INC                                  | 04/08/2006 | CHENNAI |
| 545 | 206297 | 542/MAS/2001  | 04/07/2001 |            | A DUAL SPACE SPLIT AIR CONDITIONER                                                      | INDIAN INSTITUTE OF TECHNOLOGY               | 04/08/2006 | CHENNAI |
| 546 | 206298 | 592/MAS/2001  | 19/07/2001 |            | FUEL CELL BATTERY HYBRID POWER SOURCE FOR ELECTRIC VEHICLE                              | SPIC SCIENCE FOUNDATION                      | 04/08/2006 | CHENNAI |
| 547 | 206299 | 749/MAS/2001  | 11/09/2001 | 30/10/2000 | VALVE-OPERATING MECHANISM IN 4-CYCLE ENGINE                                             | HONDA GIKEN KOGYO KABUSHIKI KAISHA           | 04/08/2006 | CHENNAI |
| 548 | 206300 | 780/MAS/2001  | 20/09/2001 |            | A CRADLE FOR DETECTING HEARING DEFECTS IN CHILDREN                                      | MANDYAM AJI MYTHILI                          | 04/08/2006 | CHENNAI |
| 549 | 206301 | 783/MAS/2001  | 20/09/2001 | 22/09/2000 | AN OPERATION CONTROL SYSTEM FOR A PLURALITY OF SINGLE SPINDLE DRIVING SPINNING MACHINES | KABUSHIKI KAISHA TOYOTA JIDOSHOKKI           | 04/08/2006 | CHENNAI |
| 550 | 206302 | 100/MAS/2000  | 08/02/2000 | 19/03/1999 | A HEDDLE MADE OF A STRIP-SHAPED MATERIAL AND A PROCESS FOR MANUFACTURING THE SAME       | GROB HORGEN AG,                              | 11/08/2006 | CHENNAI |
| 551 | 206303 | 1069/MAS/2000 | 11/12/2000 | 28/02/2000 | A BICYCLE CABLE                                                                         | SHIMANO INC                                  | 11/08/2006 | CHENNAI |



|     |        |               |            |            |                                                                                                                                                |                                                   |            |         |
|-----|--------|---------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|---------|
|     |        |               |            |            | CONNECTING APPARATUS                                                                                                                           |                                                   |            |         |
| 552 | 206304 | 126/MAS/2000  | 18/02/2000 |            | AN IMPROVED LIQUID CRYSTAL DISPLAY DEVICE                                                                                                      | <b>CENTRE FOR LIQUID CRYSTAL RESEARCH</b>         | 11/08/2006 | CHENNAI |
| 553 | 206305 | 114/MAS/1997  | 22/01/1997 | 01/11/1996 | HEATING ELEMENT AND FRAME MEMBER                                                                                                               | <b>DUALIT LIMITED</b>                             | 11/08/2006 | CHENNAI |
| 554 | 206306 | 127/MAS/1997  | 24/01/1997 | 16/02/1996 | A PROCESS FOR THE PREPARATION OF COMPOUNDS OF VANADIUM (III) AND A PROCESS FOR THE PREPARATION OF ELASTOMERIC ETHYLENE/ALPHA-OLEFIN COPOLYMERS | <b>ENICHEM ELASTOMERI S.R.L.</b>                  | 11/08/2006 | CHENNAI |
| 555 | 206307 | 131/MAS/1997  | 24/01/1997 |            | A DOUBLE DRAW SINGLE PASS DIE FOR THE MANUFACTURE OF A METAL TUBE                                                                              | <b>TUBE INVESTMENTS OF INDIA LIMITED</b>          | 11/08/2006 | CHENNAI |
| 556 | 206308 | 135/MAS/1997  | 27/01/1997 |            | A METHOD AND APPARATUS FOR PROCESSING DATA FOR PRODUCING A BILL FOR USAGE OF A COMMUNICATION NETWORK                                           | <b>BRITISH TELECOMMUNICATIONS PLC,</b>            | 11/08/2006 | CHENNAI |
| 557 | 206309 | 1444/MAS/1997 | 01/07/1997 | 03/08/1996 | SYSTEM AND METHOD FOR CONTROLLING DATA ACCESS IN A COMPUTER NETWORK                                                                            | <b>INTERNATIONAL BUSINESS MACHINE CORPORATION</b> | 11/08/2006 | CHENNAI |
| 558 | 206310 | 149/MAS/2000  | 25/02/2000 |            | AN IMPROVED DRAFTING ZONE IN TEXTILE MACHINERY FOR REDUCING HAIR FORMATION IN YARN                                                             | <b>LAKSHMI MACHINE WORKS LIMITED</b>              | 11/08/2006 | CHENNAI |
| 559 | 206311 | 157/MAS/1997  | 28/01/1997 |            | A PROCESS FOR PRODUCING CARBON BLACK AND A POLYMER COMPOSITION INCORPORATING THE SAME                                                          | <b>CABOT CORPORATION</b>                          | 11/08/2006 | CHENNAI |
| 560 | 206312 | 165/MAS/1997  | 28/01/1997 | 29/05/1996 | A METHOD AND AN ENTRY ACCESS SYSTEM FOR PROVIDING ACCESS TO A SECURE SYSTEM                                                                    | <b>AT&amp;T Corp.,</b>                            | 11/08/2006 | CHENNAI |
| 561 | 206313 | 166/MAS/1997  | 28/01/1997 | 26/06/1996 | A WARNING SYSTEM FOR REPORTING ACTIVITIES ON AND CONDITION OF A RAILWAY AND A METHOD THEREOF                                                   | <b>AT&amp;T Corp.,</b>                            | 11/08/2006 | CHENNAI |
| 562 | 206314 | 111/MAS/2001  | 06/02/2001 | 11/02/2000 | APPARATUS FOR MOUNTING A SIGNAL ELEMENT TO A BICYCLE WHEEL                                                                                     | <b>SHIMANO INC</b>                                | 04/08/2006 | CHENNAI |
| 563 | 206480 | 198/MAS/1997  | 31/01/1997 | 01/02/1996 | A PROCESS FOR THE PREPARATION OF 1,1,1,3,3-PENTACHLOROBUTANE                                                                                   | <b>ELF ATOCHEM S. A .</b>                         | 11/08/2006 | CHENNAI |
| 564 | 206482 | 2024/MAS/1997 | 11/09/1997 | 16/09/1996 | A METHOD FOR ACCESSING A DATA NETWORK IN A DIGITAL MOBILE COMMUNICATION                                                                        | <b>NOKIA TELECOMMUNICATIONS OY</b>                | 11/08/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                                                  |                                                                       |            |         |
|-----|--------|---------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------|---------|
|     |        |               |            |            | SYSTEM PROVIDING<br>SHORT MESSAGE SERVICE                                                                                                        |                                                                       |            |         |
| 565 | 206483 | 2046/MAS/1997 | 15/09/1997 |            | A METHOD OF HEATING A<br>FLUID TRANSFER SYSTEM<br>, A CONTROLLER AND A<br>REGULATOR FOR<br>CONTROLLING AND<br>REGULATING THE SAME                | <b>RAYCHEM<br/>CORPORATION</b>                                        | 11/08/2006 | CHENNAI |
| 566 | 206484 | 208/MAS/1997  | 03/02/1997 | 23/02/1996 | A METHOD OF SWITCHING<br>A SUBSCRIBER UNIT IN A<br>WIRELESS<br>TELECOMMUNICATIONS<br>SYSTEM                                                      | <b>QUALCOMM<br/>INCORPORATED</b>                                      | 11/08/2006 | CHENNAI |
| 567 | 206486 | 215/MAS/2000  | 15/03/2000 | 19/03/1999 | AN ILLUMINATION<br>APPARATUS AND A<br>MOBILE INFORMATION<br>EQUIPMENT HAVING THE<br>SAME                                                         | <b>MATSUSHITA<br/>ELECTRIC<br/>INDUSTRIAL CO LTD.,</b>                | 11/08/2006 | CHENNAI |
| 568 | 206487 | 2411/MAS/1997 | 24/10/1997 | 30/10/1996 | A SUPPORTING<br>ARRANGEMENT                                                                                                                      | <b>GRANIT-UND<br/>SCHOTTERWERKE<br/>JOSEF KUSSER</b>                  | 11/08/2006 | CHENNAI |
| 569 | 206488 | 2593/MAS/1997 | 13/11/1997 | 13/11/1997 | A FAULT MANAGEMENT<br>SYSTEM FOR A<br>TELECOMMUNICATIONS<br>NETWORK AND A<br>METHOD OF OPERATING<br>THE SAME                                     | <b>BRITISH<br/>TELECOMMUNICATI<br/>ONS PUBLIC LIMITED<br/>COMPANY</b> | 11/08/2006 | CHENNAI |
| 570 | 206489 | 2618/MAS/1997 | 17/11/1997 | 18/11/1996 | REACTOR,PROCESS AND<br>PLANT FOR<br>MANUFACTURING<br>AMMONIUM SALTS                                                                              | <b>KALTENBACH-<br/>THURING S.A</b>                                    | 11/08/2006 | CHENNAI |
| 571 | 206490 | 298/MAS/1997  | 14/02/1997 | 22/02/1996 | A PROCESS FOR THE<br>PREPARATION OF<br>RADIATION CURABLE<br>COATING COMPOSITON                                                                   | <b>CIBA SPECIALTY<br/>CHEMICALS<br/>HOLDING INC.,</b>                 | 11/08/2006 | CHENNAI |
| 572 | 206491 | 305/MAS/2000  | 20/04/2000 | 23/04/1999 | A METHOD OF CHANNEL<br>ESTIMATION                                                                                                                | <b>LUCENT<br/>TECHNOLOGIES INC.,</b>                                  | 11/08/2006 | CHENNAI |
| 573 | 206492 | 321/MAS/2000  | 26/04/2000 |            | A PROTECTIVE CASING<br>FOR ELECTRIC<br>CONDUCTORS                                                                                                | <b>NILESH DINESH MODI</b>                                             | 11/08/2006 | CHENNAI |
| 574 | 206493 | 326/MAS/1997  | 18/02/1997 | 21/02/1996 | A METHOD FOR MAKING<br>SHAPED ARTICLES SUCH<br>AS BOARDS                                                                                         | <b>BASF<br/>AKTIENGESELLSCHA<br/>FT</b>                               | 11/08/2006 | CHENNAI |
| 575 | 206494 | 346/MAS/2000  | 05/05/2000 | 07/11/2002 | A METHOD OF MAKING<br>COIR TUFTED RUBBER<br>MATS                                                                                                 | <b>KOLLEKATTU<br/>JOSEPH SCARIA</b>                                   | 11/08/2006 | CHENNAI |
| 576 | 206495 | 347/MAS/2000  | 05/05/2000 |            | A PROCESS OF MAKING<br>RUBBERISED WATER<br>ABSORBENT<br>POLYPROPYLENE MATS                                                                       | <b>KOLLEKATTU<br/>JOSEPH SCARIA</b>                                   | 11/08/2006 | CHENNAI |
| 577 | 206496 | 370/MAS/2000  | 12/05/2000 |            | AN IMPROVED SEAT-<br>EJECTOR SYSTEM FOR<br>HINGE TYPE SEAT OF<br>TWO-WHEELERS AND<br>COMPRISING THE SAME IN<br>SEAT ASSEMBLY OF TWO-<br>WHEELERS | <b>TVS MOTOR<br/>COMPANY LIMITED</b>                                  | 11/08/2006 | CHENNAI |
| 578 | 206497 | 380/MAS/1997  | 25/02/1997 | 15/03/1996 | AN ABRASIVE CUTTING<br>TOOL                                                                                                                      | <b>NORTON COMPANY</b>                                                 | 11/08/2006 | CHENNAI |
| 579 | 206498 | 537/MAS/1997  | 14/03/1997 |            | A METHOD FOR<br>PRESERVING A PRECISION                                                                                                           | <b>N V BEKAERT SA,</b>                                                | 11/08/2006 | CHENNAI |

|     |        |                     |            |            |                                                                                                                                  |                                         |            |         |
|-----|--------|---------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|---------|
|     |        |                     |            |            | EDGE OF A PRECISION EDGES SUBSTRATE                                                                                              |                                         |            |         |
| 580 | 206499 | 537/MAS/2000        | 11/07/2000 | 12/07/1999 | A PROCESS FOR PREPARING C5-/C6-OLEFINS FROM AN OLEFINIC STARTING STREAM                                                          | <b>BASF AKTIENGESELLSCHAFT</b>          | 11/08/2006 | CHENNAI |
| 581 | 206500 | 538/MAS/1997        | 14/03/1997 |            | A CAPACITOR AND A METHOD OF MAKING A CAPACITOR                                                                                   | <b>N V BEKAERT S A</b>                  | 11/08/2006 | CHENNAI |
| 582 | 206501 | 540/MAS/1997        | 14/03/1997 | 20/03/1996 | A TRACKING AND EROSION RESISTANT COMPOSITION                                                                                     | <b>RAYCHEM CORPORATION</b>              | 11/08/2006 | CHENNAI |
| 583 | 206502 | 554/MAS/1997        | 17/03/1997 | 21/11/1995 | AN AQUEOUS COATING COMPOSITION                                                                                                   | <b>AKZO NOBEL N.V.</b>                  | 11/08/2006 | CHENNAI |
| 584 | 206503 | 588/MAS/1997        | 20/03/1997 | 29/03/1996 | A METHOD FOR TRANSMITTING A SPEECH, AUDIO OR VIDEO SIGNAL AS PACKETS OF A PACKET NETWORK                                         | <b>NOKIA TELECOMMUNICATIONS OY</b>      | 11/08/2006 | CHENNAI |
| 585 | 206504 | 6/MAS/1997          | 02/01/1997 | 26/02/1996 | SYSTEM INTERCONNECTION GENERATOR                                                                                                 | <b>SANYO ELECTRIC CO.,LTD</b>           | 11/08/2006 | CHENNAI |
| 586 | 206505 | 650/MAS/1997        | 27/03/1997 | 29/03/1996 | A PROCESS FOR REGENERATION OF A KNOWN CATALYST FOR GAS PHASE FLUORINATION                                                        | <b>ELF ATOCHEM SA</b>                   | 11/08/2006 | CHENNAI |
| 587 | 206506 | 655/MAS/1997        | 27/03/1997 | 27/03/1996 | A PROCESS FOR THE MANUFACTURE OF SODIUM PERCARBONATE                                                                             | <b>SOLVAY INTEROX SA</b>                | 11/08/2006 | CHENNAI |
| 588 | 206507 | 711/MAS/1997        | 04/04/1997 | 10/04/1996 | A VITREOUS BONDED ABRASIVE TOOL                                                                                                  | <b>NORTON COMPANY</b>                   | 11/08/2006 | CHENNAI |
| 589 | 206512 | 858/MAS/1997        | 24/04/1997 | 26/04/1996 | A PACKET FOR TOBACCO GOODS, A METHOD FOR MANUFACTURING OUTER WRAPPINGS AND A DEVICE FOR MANUFACTURING BLANKS FOR OUTER WRAPPINGS | <b>FOCKE &amp; CO. (GMBH &amp; CO.)</b> | 11/08/2006 | CHENNAI |
| 590 | 206514 | 167/MAS/2000        | 01/03/2000 | 05/03/1999 | DIAL INCLUDING BRILLIANTS,APPLIQUES OR OTHER APPLIED ELEMENTS AND METHOD FOR SECURING SUCH ELEMENTS THERETO                      | <b>ETA SA FABRIQUES D'EBAUCHES</b>      | 11/08/2006 | CHENNAI |
| 591 | 206518 | IN/PCT/2000/213/CHE | 25/01/1999 | 02/02/1998 | BATCH PROCESS FOR PRODUCING POLYAMIDES FROM AMINONITRILES                                                                        | <b>BASF AKTIENGESELLSCHAFT</b>          | 11/08/2006 | CHENNAI |
| 592 | 206519 | IN/PCT/2000/216/CHE | 02/02/1999 | 02/02/1998 | A PROCESS FOR PRODUCING POLYAMIDES                                                                                               | <b>BASF AKTIENGESELLSCHAFT</b>          | 11/08/2006 | CHENNAI |
| 593 | 206520 | IN/PCT/2000/284/CHE | 16/02/1999 | 17/02/1998 | A PROCESS FOR THE PREPARATION OF A STABILIZED AQUEOUS HYDROXYLAMINE SOLUTION                                                     | <b>BASF AKTIENGESELLSCHAFT</b>          | 11/08/2006 | CHENNAI |
| 594 | 206522 | IN/PCT/2000/300/CHE | 19/02/1999 | 27/02/1998 | A PROCESS FOR REMOVING LOW MOLECULAR WEIGHT                                                                                      | <b>BASF AKTIENGESELLSCHAFT</b>          | 11/08/2006 | CHENNAI |

|     |        |                       |            |            |                                                                                                                 |                                                 |            |         |
|-----|--------|-----------------------|------------|------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------|---------|
|     |        |                       |            |            | EXTRACTABLES FROM POLYAMIDE PARTICLES,OR POLYMER PARTICLES                                                      |                                                 |            |         |
| 595 | 206523 | IN/PCT/2000/554/CHE   | 24/03/1999 | 25/03/1998 | PLANT FOR CONTINUOUSLY PREPARING AT LEAST TWO DIFFERENT LIQUID FOODSTUFF MIXTURES                               | MITECO AG ,ANGELO CADEO                         | 11/08/2006 | CHENNAI |
| 596 | 206524 | IN/PCT/2001/1171/CH E | 21/03/2000 | 29/03/1999 | A BRIGHTENER PIGMENT                                                                                            | CIBA SPECIALTY CHEMICALS HOLDING INC.           | 11/08/2006 | CHENNAI |
| 597 | 206525 | IN/PCT/2001/1182/CH E | 28/02/2000 | 05/03/1999 | A METHOD OF PREPARING A SAMPLE FOR ISOLATION OF PRIONS AND PRPSC                                                | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA     | 11/08/2006 | CHENNAI |
| 598 | 206526 | IN/PCT/2001/1236/CH E | 02/03/2000 | 08/03/1999 | A METHOD FOR PREPARING MELAMINE FROM UREA VIA A HIGH-PRESSURE PROCESS                                           | DSM IP ASSETS B V                               | 11/08/2006 | CHENNAI |
| 599 | 206528 | IN/PCT/2001/1340/CH E | 23/03/2000 | 01/04/1999 | A METHOD AND AN APPARATUS FOR THE ISOLATION OF OLEFINS FROM A GAS MIXTURE                                       | BASELL POLYOLEFINE GMBH                         | 11/08/2006 | CHENNAI |
| 600 | 206529 | IN/PCT/2001/1370/CH E | 07/04/2000 | 08/04/1999 | PROCESS FOR THE HYDRO-OXIDATION OF OLEFINS TO OLEFIN OXIDES USING OXIDIZED GOLD CATALYST                        | DOW GLOBAL TECHNOLOGIES INC                     | 11/08/2006 | CHENNAI |
| 601 | 206530 | IN/PCT/2001/1404/CH E | 11/04/2000 | 14/04/1999 | HYDRAULIC FLUID                                                                                                 | SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. | 11/08/2006 | CHENNAI |
| 602 | 206531 | IN/PCT/2001/1612/CH E | 23/05/2000 | 25/05/1999 | A PROCESS FOR PRODUCING POLYAMIDES                                                                              | BASF AKTIENGESELLSCHA FT                        | 11/08/2006 | CHENNAI |
| 603 | 206532 | IN/PCT/2001/421/CHE   | 21/09/1999 | 21/09/1999 | A PROCESS FOR THE DISTILLATIVE RECOVERY OF HIGH PURITY MONOETHYLENE GLYCOL                                      | BASF AKTIENGESELLSCHA FT                        | 11/08/2006 | CHENNAI |
| 604 | 206533 | IN/PCT/2001/440/CHE   | 29/09/1999 | 01/10/1998 | A PROCESS FOR THE PURIFICATION OF AN IMPURE FEEDSTOCK COMPRISING ALKYL ALKANOATE                                | KVAERNER PROCESS TECHNOLOGY LIMITED             | 11/08/2006 | CHENNAI |
| 605 | 206534 | IN/PCT/2001/501/CHE   | 05/10/1999 | 05/10/1998 | METHOD AND APPARATUS FOR DETECTING FORWARD AND REVERSE LINK IMBALANCE IN DIGITAL CELLULAR COMMUNICATION SYSTEMS | QUALCOMM INCORPORATED                           | 11/08/2006 | CHENNAI |
| 606 | 206535 | IN/PCT/2001/564/CHE   | 28/09/1999 | 29/09/1998 | A PROCESS FOR THE MANUFACTURE OF A NITRILE PRODUCT                                                              | SOLUTIA INC                                     | 11/08/2006 | CHENNAI |
| 607 | 206537 | 413/MAS/1998          | 02/03/1998 |            | A TRIPLE POLE DOUBLE THROW SAFETY SWITCH WITH ISOLATED GROUND POINT                                             | A.SALAM                                         | 08/09/2006 | CHENNAI |
| 608 | 206538 | 98/MAS/1999           | 27/01/1999 |            | MOBILE TOILET SYSTEM FOR THE DISPOSAL OF HUMAN WASTE                                                            | V.SADAGOPAN ,S. KIRUPA                          | 15/09/2006 | CHENNAI |

|     |        |                       |            |            |                                                                                                                                   |                                                                                   |            |         |
|-----|--------|-----------------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|---------|
| 609 | 206673 | 1182/MAS/1998         | 01/06/1998 | 02/06/1997 | 5'-DEOXY-CYTIDINE DERIVATIVES                                                                                                     | <b>F. HOFFMANN-LA ROCHE AG</b>                                                    | 04/03/2005 | CHENNAI |
| 610 | 206674 | 1735/MAS/1996         | 01/10/1996 | 05/10/1995 | CARBOSTYRIL DERIVATIVES                                                                                                           | <b>D.WESTERN THERAPEUTICS INSTITUTE,KOWA COMPANY, LTD.</b>                        | 04/03/2005 | CHENNAI |
| 611 | 206675 | 1856/MAS/1998         | 18/08/1998 | 22/08/1997 | RAPIDLY DISINTEGRATING METHYLCELLULOSE TABLETS                                                                                    | <b>SMITHKLINE BEECHAM CORPORATION</b>                                             | 04/03/2005 | CHENNAI |
| 612 | 206676 | 1908/MAS/1996         | 30/10/1996 | 03/11/1995 | PHARMACEUTICALLY ACCEPTABLE LYOPHILIZED FORMULATION                                                                               | <b>SANOFI SYNTHELABO</b>                                                          | 04/03/2005 | CHENNAI |
| 613 | 206677 | 2570/MAS/1998         | 13/11/1998 | 14/11/1997 | A COMPOSITION FOR THE CONTROL OF PESTS IN PLANTS                                                                                  | <b>NOVARTIS AG</b>                                                                | 04/03/2005 | CHENNAI |
| 614 | 206678 | 84/MAS/2001           | 31/01/2001 | 04/02/2000 | SYNTHESIS OF 3,6 - DIALKYL - 5,6 - DIHYDRO - 4- HYDROXY-2H-PYRAN-2- ONE                                                           | <b>F. HOFFMANN-LA ROCHE AG</b>                                                    | 04/03/2005 | CHENNAI |
| 615 | 206679 | IN/PCT/2002/2164/CH E | 30/11/2000 | 02/06/2000 | A REINFORCING BAR FOR BODY AND/OR CHASSIS ELEMENTS OF A MOTOR VEHICLE                                                             | <b>E.M.A.R.C. SPA,ENGINEERING MACCHINE ATTREZZATURE RAPPRESENTANZE CONSULENZE</b> | 25/02/2005 | CHENNAI |
| 616 | 206680 | IN/PCT/2000/740/CHE   | 30/03/2000 | 31/03/1999 | ORGANOPHOSPHORUS COMPOUNDS FOR DENTAL POLYMERIZABLE COMPOSITIONS                                                                  | <b>KURARAY MEDICAL INC.</b>                                                       | 04/03/2005 | CHENNAI |
| 617 | 206681 | IN/PCT/2001/1842/CH E | 28/06/2000 | 02/07/1999 | A CONJUGATE COMPRISING AN ERYTHROPOIETIN GLYCOPROTEIN                                                                             | <b>F. HOFFMANN-LA ROCHE AG</b>                                                    | 04/03/2005 | CHENNAI |
| 618 | 206682 | IN/PCT/2002/160/CHE   | 26/07/2000 | 05/08/1999 | A CARRIER CONTAINING BIFIDOBACTERIA CAPABLE OF PREVENTING DIARRHEA                                                                | <b>SOCIETE DES PRODUITS NESTLE S. A.</b>                                          | 04/03/2005 | CHENNAI |
| 619 | 206683 | IN/PCT/2002/176/CHE   | 28/07/2000 | 09/08/1999 | HERBICIDAL COMPOSITIONS COMPRISING POST-EMERGENCE HERBICIDES FOR SOIL APPLICATION                                                 | <b>AVENTIS CROPS SCIENCE GMBH</b>                                                 | 04/03/2005 | CHENNAI |
| 620 | 206684 | 1116/CHENP/2003       | 13/06/2001 | 22/12/2000 | A METHOD OF FABRICATING AND MANUFACTURING PLASTIC PRODUCTS WITH INTEGRAL LENTICULAR LENS MATERIAL AND A LENTICULAR INSERT THEREOF | <b>DIGITAL REPLAY INC.</b>                                                        | 22/04/2005 | CHENNAI |
| 621 | 206685 | 913/MAS/2002          | 09/12/2002 |            | DIGITAL VEENA CUM SITAR                                                                                                           | <b>GORUR RAJ NARAYAN</b>                                                          | 20/05/2005 | CHENNAI |
| 622 | 206686 | IN/PCT/2002/1315/CH E | 08/02/2001 | 24/02/2000 | A DEVICE FOR CATALYTIC TREATMENT OF FLUIDS                                                                                        | <b>SWEP INTERNATIONAL AB</b>                                                      | 17/06/2005 | CHENNAI |
| 623 | 206687 | 1234/CHENP/2003       | 04/02/2002 | 12/02/2001 | 6-SUBSTITUTED PYRIDO-PYRIMIDINES                                                                                                  | <b>F. HOFFMANN-LA ROCHE AG</b>                                                    | 18/11/2005 | CHENNAI |
| 624 | 206688 | 1293/CHENP/2003       | 23/02/2001 | 23/02/2001 | POLYESTER POLYMERIZATION                                                                                                          | <b>TOYO BOSEKI KABUSHIKI KAISHA</b>                                               | 25/11/2005 | CHENNAI |

|     |        |                 |            |            |                                                                                                                             |                                                             |            |         |
|-----|--------|-----------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------|---------|
|     |        |                 |            |            | CATALYST, POLYESTER PRODUCED BY USING THE SAME AND PROCESS FOR PRODUCING POLYESTER                                          |                                                             |            |         |
| 625 | 206689 | 1338/CHENP/2003 | 25/02/2002 | 27/02/2001 | A METHOD FOR CARRYING OUT CHEMICAL REACTIONS IN CONTINUOUS PSEUDOISOTHERMAL CONDITIONS AND A HEAT EXCHANGER FOR SUCH METHOD | METHANOL CASALE S.A.                                        | 25/11/2005 | CHENNAI |
| 626 | 206690 | 1673/CHENP/2003 | 27/04/2001 | 27/04/2001 | METHOD AND SYSTEM FOR HANDLING A NETWORK-IDENTIFIED EMERGENCY SESSION                                                       | NOKIA CORPORATION                                           | 25/11/2005 | CHENNAI |
| 627 | 206691 | 231/CHE/2004    | 16/03/2004 |            | AN APPARATUS AND A PROCESS FOR PURIFICATION OF ACRYLIC ACID FAMILY                                                          | NIPPON SHOKUBAI CO., LTD.                                   | 02/12/2005 | CHENNAI |
| 628 | 206692 | 389/CHENP/2004  | 13/08/2002 | 27/08/2001 | A PAINT SUITABLE FOR PRINTING FILMS OF TRANSPARENT THERMOPLASTIC                                                            | ROHM GmbH & CO. KG                                          | 23/12/2005 | CHENNAI |
| 629 | 206745 | 1742/CHENP/2003 | 09/05/2001 | 09/05/2001 | A METHOD FOR CONTROLLING A NETWORK                                                                                          | NOKIA CORPORATION                                           | 06/01/2006 | CHENNAI |
| 630 | 206746 | 1902/CHENP/2003 | 29/05/2002 | 06/06/2001 | PHARMACEUTICAL COMPOSITION COMPRISING A LIPASE INHIBITOR AND A SUCROSE FATTY ACID ESTER                                     | F. HOFFMANN-LA ROCHE AG                                     | 06/01/2006 | CHENNAI |
| 631 | 206747 | 1989/CHENP/2003 | 14/06/2002 | 15/06/2001 | LAMINATES OF FILMS AND METHODS AND APPARATUS FOR THEIR MANUFACTURE                                                          | RASMUSSEN, Ole-Bendt                                        | 06/01/2006 | CHENNAI |
| 632 | 206748 | 1355/CHENP/2004 | 15/11/2002 | 20/11/2001 | A METHOD FOR CONTROLLING SIGNAL PROCESSING TIMING IN A RADIO RECEPTION APPARATUS                                            | SANYO ELECTRIC CO., LTD.,SANYO TELECOMMUNICATIONS CO., LTD. | 03/02/2006 | CHENNAI |
| 633 | 206749 | 1358/CHENP/2004 | 18/11/2002 | 20/11/2001 | A RADIO RECEPTION APPARATUS AND A SYSTEM TIMING CONTROL METHOD IN A RADIO RECEPTION APPARATUS                               | SANYO ELECTRIC CO., LTD.,SANYO TELECOMMUNICATIONS CO., LTD. | 03/02/2006 | CHENNAI |
| 634 | 206750 | 2995/CHENP/2004 | 18/07/2003 | 29/07/2002 | NOVEL BENZODIOXOLE DERIVATIVES                                                                                              | F. HOFFMANN-LA ROCHE AG                                     | 17/02/2006 | CHENNAI |
| 635 | 206751 | 730/CHENP/2004  | 02/10/2002 | 09/10/2001 | PROCESS FOR THE PRODUCTION OF PROPYLENE COPOLYMERS                                                                          | BOREALIS TECHNOLOGY OY                                      | 28/04/2006 | CHENNAI |
| 636 | 206752 | 1647/CHENP/2004 | 30/01/2003 | 31/01/2002 | PROCESS FOR THE MANUFACTURE OF HMG-COA REDUCTASE INHIBITORS                                                                 | NOVARTIS AG                                                 | 12/05/2006 | CHENNAI |
| 637 | 206753 | 832/CHENP/2005  | 10/11/2003 | 08/11/2002 | OROMUCOSAL FORMULATION AND PROCESS FOR PREPARING THE SAME                                                                   | OY JUVANTIA PHARMA LTD.                                     | 26/05/2006 | CHENNAI |



|     |        |               |            |            |                                                                                                                         |                                                                                                      |            |         |
|-----|--------|---------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------|---------|
| 638 | 206754 | 705/CHE/2004  | 20/07/2004 |            | A MULTI AXIAL FATIGUE TESTING MACHINE                                                                                   | INDIAN INSTITUTE OF TECHNOLOGY                                                                       | 14/07/2006 | CHENNAI |
| 639 | 206755 | 104/MAS/1999  | 28/01/1999 | 27/02/1998 | A METHOD OF TRANSMITTING AND RECEIVING SPREAD SPECTRUM SIGNALS, A RECEIVER AND A COMMUNICATION SYSTEM                   | LUCENT TECHNOLOGIES INC.                                                                             | 11/08/2006 | CHENNAI |
| 640 | 206756 | 1055/MAS/1999 | 02/11/1999 | 12/11/1998 | A METHOD FOR SAVING THE STATE OF A DEVICE DURING SLEEP MODE                                                             | INTERNATIONAL BUSINESS MACHINES CORPORATION                                                          | 11/08/2006 | CHENNAI |
| 641 | 206757 | 1067/MAS/1999 | 05/11/1999 | 25/11/1998 | A SYNTHETIC FIBER ROPE AND A METHOD FOR MANUFACTURING THE SAME                                                          | INVENTIO AG                                                                                          | 11/08/2006 | CHENNAI |
| 642 | 206758 | 1089/MAS/1999 | 11/11/1999 |            | FIELD LEVEL TEST EQUIPMENT FOR MISSILE LAUNCHER                                                                         | BHARAT DYNAMICS LIMITED                                                                              | 11/08/2006 | CHENNAI |
| 643 | 206759 | 1099/MAS/1999 | 12/11/1999 | 01/12/1998 | A PROCESS AND AN APPARATUS FOR PRODUCING PRESSURIZED OXYGEN AND KRYPTON / XENON BY LOW-TEMPERATURE FRACTIONATION OF AIR | LINDE AKTIENGESELLSCHAFT                                                                             | 11/08/2006 | CHENNAI |
| 644 | 206760 | 1114/MAS/1999 | 15/11/1999 |            | A PUMP NEBULISER                                                                                                        | DR. PARANKUSAM VENKATA RAO                                                                           | 11/08/2006 | CHENNAI |
| 645 | 206761 | 1153/MAS/1999 | 29/11/1999 |            | A BLOOD OXYGENATOR                                                                                                      | SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY,SOUTH INDIA DRUGS & DEVICES PVT. LTD | 11/08/2006 | CHENNAI |
| 646 | 206762 | 1164/MAS/1999 | 02/12/1999 |            | A PROCESS FOR THE SYNTHESIS OF CROSSLINKED POLYSILAHYDROCARBON                                                          | INDIAN SPACE RESEARCH ORGANISATION                                                                   | 11/08/2006 | CHENNAI |
| 647 | 206763 | 121/MAS/2000  | 17/02/2000 |            | A SHAPE MEMORY ALLOY STEP DRIVE MECHANISM                                                                               | INDIAN SPACE RESEARCH ORGANISATION                                                                   | 11/08/2006 | CHENNAI |
| 648 | 206764 | 110/MAS/2003  | 07/02/2003 |            | A ROOM TEMPERATURE CURABLE FLAME RETARDANT COMPOSITION                                                                  | INDIAN SPACE RESEARCH ORGANISATION                                                                   | 11/08/2006 | CHENNAI |
| 649 | 206765 | 205/MAS/2003  | 12/03/2003 | 13/03/2002 | A METHOD FOR REDUCTION CASTING                                                                                          | NISSIN KOGYO CO.,LTD                                                                                 | 11/08/2006 | CHENNAI |
| 650 | 206766 | 207/MAS/2003  | 13/03/2003 |            | DYNAMIC REACTIVE POWER COMPENSATOR                                                                                      | ABB LIMITED                                                                                          | 11/08/2006 | CHENNAI |
| 651 | 206767 | 1220/MAS/1999 | 23/12/1999 | 22/01/1999 | A SYNTHETIC FIBRE CABLE AND A LIFT INSTALLATION WITH AT LEAST ONE SUPPORT ELEMENT                                       | INVENTIO AG                                                                                          | 11/08/2006 | CHENNAI |
| 652 | 206768 | 1231/MAS/1999 | 27/12/1999 | 29/12/1998 | INTEGRATED CIRCUIT OF INDUCTIVE ELEMENTS                                                                                | KONINKLIJKE PHILIPS ELECTRONICS N.V.                                                                 | 11/08/2006 | CHENNAI |
| 653 | 206769 | 141/MAS/1999  | 04/02/1999 |            | A METHOD OF TREATING INDUSTRIAL WASTE WATER CONTAINING                                                                  | GIRIJAN CO-OPERATIVE CORPORATION                                                                     | 11/08/2006 | CHENNAI |

|     |        |              |            |            |                                                                                                               |                                                                                                              |            |         |
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|     |        |              |            |            | METAL TRACES AND METAL CONTAMINATED AQUEOUS SOLUTIONS                                                         | LIMITED                                                                                                      |            |         |
| 654 | 206770 | 211/MAS/1999 | 22/02/1999 | 25/03/1998 | DEVICE FOR MEASURING PROPERTIES OF A LONGITUDINALLY MOVED TEST SPECIMEN                                       | USTER TECHNOLOGIES AG                                                                                        | 11/08/2006 | CHENNAI |
| 655 | 206771 | 22/MAS/1999  | 06/01/1999 | 22/01/1998 | A PROTECTIVE CLOTHING                                                                                         | TELJIN TWARON GmbH                                                                                           | 11/08/2006 | CHENNAI |
| 656 | 206772 | 226/MAS/2000 | 20/03/2000 | 22/03/1999 | A METHOD FOR SETTING UP AN ACTIVE CONNECTION FOR TRANSMITTING MULTIMEDIA- RELATED INFORMATION                 | NOKIA MOBILE PHONES LTD.                                                                                     | 11/08/2006 | CHENNAI |
| 657 | 206773 | 2/MAS/2000   | 03/01/2000 | 05/01/1999 | A RECIPROCATING PUMP FOR LIQUIDS AND A METHOD FOR PUMPING LIQUID                                              | AIR PRODUCTS AND CHEMICALS, INC.                                                                             | 11/08/2006 | CHENNAI |
| 658 | 206774 | 203/MAS/2000 | 13/03/2000 |            | VENOUS RESERVOIR WITH INTEGRAL CARDIOTOMY RESERVOIR FOR BLOOD OXYGENATOR                                      | SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY,SOUTH INDIA DRUGS AND DEVICES PVT.LTD (SIDD) | 11/08/2006 | CHENNAI |
| 659 | 206775 | 243/MAS/2000 | 28/03/2000 | 20/04/1999 | A HEDDLE PAIR FOR A WEAVING MACHINE                                                                           | GROB HORGEN AG                                                                                               | 11/08/2006 | CHENNAI |
| 660 | 206776 | 262/MAS/2000 | 05/04/2000 | 08/04/1999 | A RESOURCE ALLOCATION METHOD FOR A WIRELESS COMMUNICATION SYSTEM                                              | LUCENT TECHNOLOGIES INC.                                                                                     | 11/08/2006 | CHENNAI |
| 661 | 206777 | 263/MAS/2000 | 05/04/2000 | 08/04/1999 | A METHOD FOR DETERMINING BURST DURATION FOR A WIRELESS SYSTEM HAVING A PLURALITY OF BASE TRANSCEIVER STATIONS | LUCENT TECHNOLOGIES INC.                                                                                     | 11/08/2006 | CHENNAI |
| 662 | 206778 | 292/MAS/2000 | 18/04/2000 |            | A PROCESS FOR THE SYNTHESIS OF POLYARYLENE ETHER KETONE RESINS                                                | INDIAN SPACE RESEARCH ORGANISATION                                                                           | 11/08/2006 | CHENNAI |
| 663 | 206779 | 294/MAS/2000 | 18/04/2000 | 22/04/1999 | AN INTERFERENCE PROTECTION SYSTEM                                                                             | LUCENT TECHNOLOGIES INC.                                                                                     | 11/08/2006 | CHENNAI |
| 664 | 206780 | 310/MAS/2000 | 24/04/2000 | 28/04/1999 | A METHOD OF OPERATING A VOCODER                                                                               | LUCENT TECHNOLOGIES INC.                                                                                     | 11/08/2006 | CHENNAI |
| 665 | 206781 | 424/MAS/2000 | 02/06/2000 | 04/06/1999 | CHAIR WITH SYNCHRONIZED TILTING SEAT AND BACK                                                                 | PRO-CORD Srl                                                                                                 | 11/08/2006 | CHENNAI |
| 666 | 206782 | 426/MAS/1999 | 16/04/1999 | 27/04/1998 | AN ASSEMBLY DRUM FOR THE MANUFACTURE OF A TYRE AND METHOD FOR MANUFACTURING A TYRE                            | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN-MICHELIN & CIE                                                | 11/08/2006 | CHENNAI |
| 667 | 206783 | 374/MAS/1999 | 31/03/1999 | 17/04/1998 | A PLUG-IN CIRCUIT BREAKER COMPRISING AN OPERATING LEVER FOR OPENING AND CLOSING OF POLES                      | SCHNEIDER ELECTRIC SA                                                                                        | 11/08/2006 | CHENNAI |



|     |        |              |            |            |                                                                                                                       |                                                                            |            |         |
|-----|--------|--------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------|---------|
| 668 | 206784 | 424/MAS/1999 | 16/04/1999 |            | A TWIN BARREL CARBURETOR SYSTEM FOR PETROL ENGINE                                                                     | <b>SOMENA HALLI VENKATASESHACHAR JANARDAN</b>                              | 11/08/2006 | CHENNAI |
| 669 | 206785 | 439/MAS/1999 | 20/04/1999 | 10/11/1997 | METHOD OF MANUFACTURING SILICON-BASED THIN FILM PHOTOELECTRIC CONVERTER AND PLASMA CVD APPARATUS USED FOR SUCH METHOD | <b>KANEKA CORPORATION</b>                                                  | 11/08/2006 | CHENNAI |
| 670 | 206786 | 449/MAS/1999 | 21/04/1999 |            | A PROCESS FOR PREPARING ADDITION CURABLE PHENOLIC RESIN                                                               | <b>INDIAN SPACE RESEARCH ORGANISATION</b>                                  | 11/08/2006 | CHENNAI |
| 671 | 206787 | 451/MAS/1999 | 21/04/1999 |            | A PROCESS FOR SYNTHESISING HIGH MOLECULAR WEIGHT ACRYLIC COPOLYMERS WITH PENDENT EPOXY GROUPS                         | <b>INDIAN SPACE RESEARCH ORGANISATION</b>                                  | 11/08/2006 | CHENNAI |
| 672 | 206788 | 452/MAS/1999 | 21/04/1999 |            | A PROCESS FOR PRODUCING TACK-FREE NON-MELTING ACRYLIC FILM ADHESIVES                                                  | <b>INDIAN SPACE RESEARCH ORGANISATION</b>                                  | 11/08/2006 | CHENNAI |
| 673 | 206789 | 46/MAS/1999  | 12/01/1999 | 27/01/1998 | AN EXTINGUISHING CHAMBER OF A CIRCUIT BREAKER WITH SELF-EXTINGUISHING EXPANSION, AND ROTATING ARC                     | <b>SCHNEIDER ELECTRIC SA</b>                                               | 11/08/2006 | CHENNAI |
| 674 | 206790 | 549/MAS/1999 | 12/05/1999 | 17/05/1998 | A METHOD AND A SYSTEM FOR IMPLEMENTING A RADIO LINK PROTOCOL COMPLETION PROCESS                                       | <b>LUCENT TECHNOLOGIES INC</b>                                             | 11/08/2006 | CHENNAI |
| 675 | 206791 | 558/MAS/1999 | 13/05/1999 |            | A PROCESS FOR THE PREPARATION OF A PHOTOPOLYMERIZABLE DENTINE BONDING AGENT                                           | <b>SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES &amp; TECHNOLOGY</b> | 11/08/2006 | CHENNAI |
| 676 | 206792 | 58/MAS/1999  | 18/01/1999 | 22/01/1999 | A PROCESS FOR THE PREPARATION OF ORGANIC POLYSULPHIDE                                                                 | <b>ELF ATOCHEM SA</b>                                                      | 11/08/2006 | CHENNAI |
| 677 | 206793 | 430/MAS/2000 | 06/06/2000 | 11/06/1999 | SYNTHETIC FIBER ROPE TO BE DRIVEN BY A ROPE SHEAVE                                                                    | <b>INVENTIO AG</b>                                                         | 11/08/2006 | CHENNAI |
| 678 | 206794 | 452/MAS/2000 | 13/06/2000 | 16/06/1999 | HINGE FOR AN OPENING DOOR OR WINDOW FRAME                                                                             | <b>SAVIO SPA</b>                                                           | 11/08/2006 | CHENNAI |
| 679 | 206795 | 659/MAS/1999 | 18/06/1999 | 13/07/1998 | AN ELEVATOR DRIVE UNIT                                                                                                | <b>INVENTIO AG</b>                                                         | 11/08/2006 | CHENNAI |
| 680 | 206796 | 697/MAS/1999 | 02/07/1999 |            | KEROSENE BURNER                                                                                                       | <b>VISWANATHAN THIAGARAJAN</b>                                             | 11/08/2006 | CHENNAI |
| 681 | 206797 | 709/MAS/1999 | 06/07/1999 | 13/07/1998 | A SELF-DRAINING CONTAINER, A METHOD AND AN APPARATUS FOR FORMING A ONE-PIECE SELF-DRAINING PLASTIC CONTAINER          | <b>GRAHAM PACKAGING PLASTIC PRODUCTS INC.</b>                              | 11/08/2006 | CHENNAI |
| 682 | 206798 | 785/MAS/1999 | 03/08/1999 | 21/08/1998 | SHAFT MAGNET EQUIPMENT FOR PRODUCING SHAFT                                                                            | <b>INVENTIO AG</b>                                                         | 11/08/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                     |                                                            |            |         |
|-----|--------|---------------|------------|------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------|---------|
|     |        |               |            |            | INFORMATION OF A LIFT INSTALLATION                                                                  |                                                            |            |         |
| 683 | 206799 | 808/MAS/1999  | 11/08/1999 |            | IMPROVISED WET GRINDER                                                                              | <b>NATESAN RANGANATHAN</b>                                 | 11/08/2006 | CHENNAI |
| 684 | 206800 | 856/MAS/1999  | 30/08/1999 |            | AN OVEN                                                                                             | <b>SUBBIAH MANI ,MANI JEHAN</b>                            | 11/08/2006 | CHENNAI |
| 685 | 206801 | 926/MAS/1999  | 20/09/1999 |            | A PROCESS FOR THE PREPARATION OF NOVEL ROOM TEMPERATURE DISCOTIC NEMATICS                           | <b>CENTRE FOR LIQUID CRYSTAL RESEARCH</b>                  | 11/08/2006 | CHENNAI |
| 686 | 206802 | 952/MAS/1999  | 28/09/1999 | 30/10/1998 | SWITCHGEAR APPARATUS COMPRISING A MECHANICAL VISUALIZATION MEANS WITH THREE POSITIONS               | <b>SCHNEIDER ELECTRIC INDUSTRIES SA</b>                    | 11/08/2006 | CHENNAI |
| 687 | 206803 | 972/MAS/1999  | 05/10/1999 |            | AN IMMERSIBLE TUBE FOR MOLTEN METAL AND A PROCESS FOR MAKING THE SAME                               | <b>VESUVIUS CRUCIBLE COMPANY</b>                           | 11/08/2006 | CHENNAI |
| 688 | 206804 | 979/MAS/1999  | 07/10/1999 |            | A CURABLE COATING COMPOSITION CONTAINING HYDROXY POLY SILOXANE AND A PROCESS FOR PREPARING THE SAME | <b>INDIAN SPACE RESEARCH ORGANISATION</b>                  | 11/08/2006 | CHENNAI |
| 689 | 206805 | 1341/MAS/1996 | 30/07/1996 | 31/05/1995 | A MODULAR IGNITER SYSTEM                                                                            | <b>SAINT-GOBAIN/NORTON INDUSTRIAL CERAMICS CORPORATION</b> | 18/08/2006 | CHENNAI |
| 690 | 206806 | 1712/MAS/1996 | 27/09/1996 | 29/09/1995 | A REPRODUCING APPARATUS FOR REPRODUCING AN INFORMATION FROM A MACHINE READABLE RECORDING MEDIUM     | <b>MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.</b>             | 18/08/2006 | CHENNAI |
| 691 | 206807 | 2111/MAS/1996 | 27/11/1996 | 08/03/1996 | A METHOD OF MANUFACTURING A MEMBER OF A V-BELT PULLEY                                               | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>                  | 18/08/2006 | CHENNAI |
| 692 | 206808 | 2158/MAS/1996 | 03/12/1996 | 22/12/1995 | A THREADED JOINT FOR TUBES                                                                          | <b>VALLOUREC MANNESMANN OIL &amp; GAS FRANCE</b>           | 18/08/2006 | CHENNAI |
| 693 | 206809 | 2163/MAS/1996 | 03/12/1996 | 06/12/1995 | A PROCESS FOR PREPARING RANDOM PROPYLENE COPOLYMERS CONTAINING COPOLYMERIZED C2-C10-ALK-1-ENES      | <b>NOVOLEN TECHNOLOGY HOLDINGS C V</b>                     | 18/08/2006 | CHENNAI |
| 694 | 206810 | 466/MAS/1997  | 06/03/1997 | 07/03/1996 | A SMOKABLE FILLER MATERIAL FOR A SMOKING ARTICLE                                                    | <b>BRITISH AMERICAN TOBACCO (INVESTMENTS)LIMIT ED</b>      | 18/08/2006 | CHENNAI |
| 695 | 206811 | 614/MAS/1997  | 24/03/1997 | 27/10/1995 | A FLASHLIGHT                                                                                        | <b>PRESS-A-LITE CORPORATION</b>                            | 18/08/2006 | CHENNAI |
| 696 | 206812 | 626/MAS/1997  | 25/03/1997 | 19/01/1996 | AN APPARATUS AND METHOD FOR PERFORMING LIQUID CHROMATOGRAPHY WITH CHROMATOGRAPHY COLUMN             | <b>COHESIVE TECHNOLOGIES INC.</b>                          | 18/08/2006 | CHENNAI |

|     |        |                      |            |            |                                                                                         |                                                          |            |         |
|-----|--------|----------------------|------------|------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|------------|---------|
| 697 | 206813 | 659/MAS/1997         | 27/03/1997 | 29/03/1996 | A METHOD FOR DETECTING FRAUDULENT USE OF A TELECOMMUNICATIONS NETWORK                   | <b>AZURE SOLUTIONS LIMITED</b>                           | 18/08/2006 | CHENNAI |
| 698 | 206814 | 660/MAS/1997         | 27/03/1997 | 29/03/1996 | A SYSTEM AND A METHOD FOR IMPROVING FRAUD DETECTION WITHIN A TELECOMMUNICATIONS NETWORK | <b>AZURE SOLUTIONS LIMITED</b>                           | 18/08/2006 | CHENNAI |
| 699 | 206815 | 661/MAS/1997         | 27/03/1997 | 01/04/1996 | A METHOD AND AN APPARATUS FOR PRODUCING ELASTOMER MASTERBATCH                           | <b>CABOT CORPORATION</b>                                 | 18/08/2006 | CHENNAI |
| 700 | 206816 | 945/MAS/2000         | 06/11/2000 | 16/11/1999 | FUEL TANK                                                                               | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>                | 18/08/2006 | CHENNAI |
| 701 | 206817 | IN/PCT/2002/202/CHE  | 03/08/2000 | 10/08/1999 | AN ACCELERATOR AND AN OPERATING METHOD FOR AN ACCELERATOR                               | <b>ELEKTA AB</b>                                         | 25/08/2006 | CHENNAI |
| 702 | 206818 | IN/PCT/2000/174/CHE  | 15/12/1998 | 15/12/1997 | A DEVICE FOR ACQUIRING IN VIVO IMAGES OF THE GASTRO--INTESTINAL TRACT                   | <b>GIVEN IMAGING LTD</b>                                 | 11/08/2006 | CHENNAI |
| 703 | 206819 | IN/PCT/2000/241/CHE  | 16/02/1999 | 18/02/1998 | AN OPTICAL POLISHING FORMULATION                                                        | <b>SAINT-GOBAIN CERAMICS &amp; PLASTICS INC.</b>         | 11/08/2006 | CHENNAI |
| 704 | 206820 | IN/PCT/2000/303/CHE  | 05/11/1999 | 05/12/1998 | A PIEZOELECTRIC ACTUATOR                                                                | <b>ROBERT BOSCH GMBH</b>                                 | 11/08/2006 | CHENNAI |
| 705 | 206821 | IN/PCT/2000/311/CHE  | 22/02/1999 | 26/02/1998 | A PROCESS FOR PRODUCING POLYAMIDES BY POLYMERIZATION OF LACTAMS                         | <b>BASF AKTIENGESELLSCHAFT</b>                           | 11/08/2006 | CHENNAI |
| 706 | 206822 | IN/PCT/2000/440/CHE  | 17/03/1999 | 31/03/1998 | A METHOD AND A SYSTEM FOR DISTRIBUTING CALLS IN A COMMUNICATION SYSTEM                  | <b>BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY</b> | 11/08/2006 | CHENNAI |
| 707 | 206823 | IN/PCT/2000/441/CHE  | 18/02/1999 | 27/03/1998 | A STEEL MATERIAL FOR HOT WORK TOOLS                                                     | <b>UDDEHOLM TOOLING AKTIEBOLAG</b>                       | 11/08/2006 | CHENNAI |
| 708 | 206824 | IN/PCT/2000/540/CHE  | 15/04/1999 | 24/04/1998 | A PROCESS AND A NETWORK FOR CHANNEL ALLOCATION                                          | <b>BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY</b> | 11/08/2006 | CHENNAI |
| 709 | 206888 | IN/PCT/2002/1390/CHE | 08/02/2001 | 09/02/2000 | NOVEL ELONGASE GENE AND METHOD FOR PRODUCING MULTIPLE-UNSATURATED FATTY ACIDS           | <b>BASF AKTIENGESELLSCHAFT</b>                           | 28/01/2005 | CHENNAI |
| 710 | 206890 | IN/PCT/2002/1393/CHE | 02/03/2001 | 02/03/2000 | A METHOD OF OPERATING A DOWNHOLE DEVICE IN A PETROLEUM WELL                             | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV</b>     | 28/01/2005 | CHENNAI |
| 711 | 206891 | IN/PCT/2002/1827/CHE | 08/05/2001 | 15/05/2000 | A LIQUID PHARMACEUTICAL COMPOSITION COMPRISING AN ERYTHROPOIETIN PROTEIN                | <b>F. HOFFMANN-LA ROCHE AG</b>                           | 11/02/2005 | CHENNAI |
| 712 | 206914 | IN/PCT/2002/1400/CHE | 07/03/2001 | 08/03/2000 | INTERSYSTEM BASE                                                                        | <b>QUALCOMM</b>                                          | 28/01/2005 | CHENNAI |

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|     |        | E                        |            |            | STATION HANDOVER                                                                                                                                              | INCORPORATED                                                                                 |            |         |
| 713 | 206915 | IN/PCT/2002/1414/CH<br>E | 24/01/2001 | 18/02/2000 | AN AUTO-OPENING<br>POURING FITMENT                                                                                                                            | SIG COMBIBLOC<br>INTERNATIONAL AG                                                            | 28/01/2005 | CHENNAI |
| 714 | 206916 | IN/PCT/2002/1419/CH<br>E | 08/03/2001 | 08/03/2000 | AN ELECTRICAL HEATING<br>APPARATUS                                                                                                                            | ATMOR INDUSTRIES<br>(1973) LTD                                                               | 28/01/2005 | CHENNAI |
| 715 | 206917 | IN/PCT/2002/1430/CH<br>E | 23/02/2001 | 16/03/2000 | A DEVICE AND A METHOD<br>FOR REGULATING AN<br>ENERGY SUPPLY FOR AN<br>IGNITION OF AN<br>INTERNAL COMBUSTION<br>ENGINE                                         | ROBERT BOSCH<br>GMBH                                                                         | 28/01/2005 | CHENNAI |
| 716 | 206918 | IN/PCT/2002/1445/CH<br>E | 17/02/2001 | 18/02/2000 | A METHOD OF<br>IDENTIFYING ZINC<br>FINGER DOMAIN                                                                                                              | TOOLGEN, INC.                                                                                | 28/01/2005 | CHENNAI |
| 717 | 206919 | IN/PCT/2002/1470/CH<br>E | 20/11/2001 | 19/01/2001 | SIDE STAND DEVICE FOR<br>MOTORCYCLES                                                                                                                          | HONDA GIKEN<br>KOGYO KABUSHIKI<br>KAISHA                                                     | 28/01/2005 | CHENNAI |
| 718 | 206920 | IN/PCT/2002/1500/CH<br>E | 21/03/2001 | 21/03/2000 | A VULCANIZABLE<br>COMPOSITION                                                                                                                                 | FLEXSYS AMERICA L<br>P                                                                       | 28/01/2005 | CHENNAI |
| 719 | 206921 | IN/PCT/2002/1534/CH<br>E | 26/02/2001 | 05/02/2000 | A PROCESS FOR REMOVAL<br>OF SULPHUR COMPOUNDS<br>FROM WASTEWATER                                                                                              | NEDERLANDSE<br>ORGANISATIE VOOR<br>TOEGEPAST-<br>NATUURWETENSCHA<br>PPELIJK ONDERZOEK<br>TNO | 28/01/2005 | CHENNAI |
| 720 | 206922 | IN/PCT/2002/1577/CH<br>E | 21/03/2001 | 31/03/2000 | EMERGENCY CURRENT<br>SUPPLY EQUIPMENT FOR<br>LIFT INSTALLATIONS                                                                                               | INVENTIO AG                                                                                  | 28/01/2005 | CHENNAI |
| 721 | 206923 | IN/PCT/2002/1621/CH<br>E | 05/04/2001 | 07/04/2000 | A COATED OPTICAL FIBER                                                                                                                                        | DSM N V                                                                                      | 28/01/2005 | CHENNAI |
| 722 | 206924 | IN/PCT/2002/1628/CH<br>E | 05/04/2001 | 06/04/2000 | METHOD AND<br>APPARATUS FOR<br>EFFICIENTLY READING<br>AND STORING STATE<br>METRICS IN MEMORY FOR<br>HIGH-SPEED ACS VITERBI<br>DECODER                         | QUALCOMM<br>INCORPORATED                                                                     | 28/01/2005 | CHENNAI |
| 723 | 206925 | IN/PCT/2002/1648/CH<br>E | 09/04/2001 | 11/04/2000 | RAW COMPACT FOR<br>GIVING THE MATERIAL<br>DIMENSIONALLY STABLE<br>LONG-TERM PROPERTIES<br>AND A METHOD OF<br>PRODUCING A CERAMIC<br>MATERIAL WITH THE<br>SAME | DOXA AKTIEBOLAG                                                                              | 28/01/2005 | CHENNAI |
| 724 | 206926 | IN/PCT/2002/1659/CH<br>E | 12/04/2001 | 13/04/2000 | ELECTROCHEMICAL<br>ELEMENT WITH CERAMIC<br>PARTICLES IN THE<br>ELECTROLYTE LAYER                                                                              | SHELL<br>INTERNATIONALE<br>RESEARCH<br>MAATSCHAPPIJ B.V.                                     | 28/01/2005 | CHENNAI |
| 725 | 206927 | IN/PCT/2002/1742/CH<br>E | 24/04/2001 | 25/04/2000 | CONTROLLING THE<br>PRODUCTION OF A<br>LIQUEFIED NATURAL GAS<br>PRODUCT STREAM                                                                                 | SHELL<br>INTERNATIONALE<br>RESEARCH<br>MAATSCHAPPIJ B.V.                                     | 11/02/2005 | CHENNAI |
| 726 | 206928 | IN/PCT/2002/1743/CH<br>E | 23/03/2001 | 27/03/2000 | SYNERGISTIC<br>HERBICIDAL<br>COMPOSITIONS                                                                                                                     | BASF<br>AKTIENGESELLSCHA<br>FT                                                               | 11/02/2005 | CHENNAI |
| 727 | 206929 | IN/PCT/2002/1745/CH<br>E | 23/03/2001 | 23/03/2000 | A PEELABLE FOAM<br>COATING COMPOSITION                                                                                                                        | ASHLAND INC                                                                                  | 11/02/2005 | CHENNAI |
| 728 | 206930 | IN/PCT/2002/1749/CH<br>E | 28/03/2001 | 31/03/2000 | A MOLDED CONTACT<br>LENS                                                                                                                                      | OCULAR SCIENCES,<br>INC                                                                      | 11/02/2005 | CHENNAI |

|     |        |                          |            |            |                                                                                                                                                                      |                                                                    |            |         |
|-----|--------|--------------------------|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------|---------|
| 729 | 206931 | IN/PCT/2002/1756/CH<br>E | 29/03/2001 | 29/03/2000 | AN IMMUNOREGULATOR<br>PEPTIDE                                                                                                                                        | <b>BIOTEMPT B V</b>                                                | 11/02/2005 | CHENNAI |
| 730 | 206932 | IN/PCT/2002/1775/CH<br>E | 22/03/2001 | 29/03/2000 | A METHOD OF DOPING A<br>SILICON WAFER                                                                                                                                | <b>TECHNEGLAS INC</b>                                              | 11/02/2005 | CHENNAI |
| 731 | 206933 | IN/PCT/2002/1779/CH<br>E | 01/05/2001 | 02/05/2000 | A METHOD OF<br>FABRICATING A<br>REACTIVE MULTILAYER<br>FOIL AND A REACTIVE<br>MULTILAYER FOIL<br>OBTAINED BY SUCH<br>METHOD                                          | <b>JOHNS HOPKINS<br/>UNIVERSITY</b>                                | 11/02/2005 | CHENNAI |
| 732 | 206934 | IN/PCT/2002/1800/CH<br>E | 04/05/2001 | 04/05/2000 | METHOD AND SYSTEM<br>FOR GAS-LIFTING WELL<br>EFFLUENTS                                                                                                               | <b>SHELL<br/>INTERNATIONALE<br/>RESEARCH<br/>MAATSCHAPPIJ B.V.</b> | 11/02/2005 | CHENNAI |
| 733 | 206935 | IN/PCT/2002/1832/CH<br>E | 14/03/2001 | 15/05/2000 | METHOD TO CALCULATE<br>TRUE ROUND TRIP<br>PROPAGATION DELAY<br>AND USER EQUIPMENT<br>LOCATION IN<br>WCDMA/UTRAN                                                      | <b>NOKIA<br/>CORPORATION</b>                                       | 11/02/2005 | CHENNAI |
| 734 | 206936 | IN/PCT/2002/1836/CH<br>E | 10/05/2001 | 12/05/2000 | PIPERAZINE AND<br>PIPERIDINE DERIVATIVES<br>OF FORMULA I                                                                                                             | <b>SOLVAY<br/>PHARMACEUTICALS<br/>B.V.</b>                         | 11/02/2005 | CHENNAI |
| 735 | 206937 | IN/PCT/2002/1839/CH<br>E | 08/05/2001 | 12/05/2000 | TWO-WIRE FIELD-<br>MOUNTED PROCESS<br>DEVICE                                                                                                                         | <b>ROSEMOUNT INC.</b>                                              | 11/02/2005 | CHENNAI |
| 736 | 206938 | IN/PCT/2002/1849/CH<br>E | 13/04/2001 | 12/05/2000 | A PROCESS FOR FORMING<br>ELECTRODES                                                                                                                                  | <b>3M INNOVATIVE<br/>PROPERTIES<br/>COMPANY</b>                    | 11/02/2005 | CHENNAI |
| 737 | 206939 | IN/PCT/2002/1883/CH<br>E | 18/05/2001 | 19/05/2000 | AN APPARATUS FOR<br>HEATING STEAM FORMED<br>FROM COOLING WATER IN<br>A HEAT EXCHANGER AND<br>A PROCESS THEREOF                                                       | <b>SHELL<br/>INTERNATIONALE<br/>RESEARCH<br/>MAATSCHAPPIJ B.V</b>  | 11/02/2005 | CHENNAI |
| 738 | 206940 | IN/PCT/2002/1884/CH<br>E | 18/05/2001 | 19/05/2000 | PROCESS FOR HEATING<br>STEAM                                                                                                                                         | <b>SHELL<br/>INTERNATIONALE<br/>RESEARCH<br/>MAATSCHAPPIJ B.V.</b> | 11/02/2005 | CHENNAI |
| 739 | 206941 | IN/PCT/2002/1901/CH<br>E | 20/05/2001 | 22/05/2000 | CATARACT SURGERY<br>DEVICES AND METHODS<br>FOR USING SAME                                                                                                            | <b>ITOS<br/>INTERNATIONAL LTD</b>                                  | 11/02/2005 | CHENNAI |
| 740 | 206942 | IN/PCT/2002/1930/CH<br>E | 18/05/2001 | 22/05/2000 | A CONCENTRATING<br>SOLAR ENERGY SYSTEM                                                                                                                               | <b>Andreas NOHRIG</b>                                              | 11/02/2005 | CHENNAI |
| 741 | 206943 | IN/PCT/2002/1943/CH<br>E | 26/04/2001 | 26/05/2000 | METHOD FOR<br>SYNCHRONISING OFDM<br>SYMBOLS DURING RADIO<br>TRANSMISSIONS                                                                                            | <b>ROBERT BOSCH<br/>GMBH</b>                                       | 11/02/2005 | CHENNAI |
| 742 | 206944 | IN/PCT/2002/1955/CH<br>E | 14/05/2001 | 30/05/2000 | A DEVICE AND A METHOD<br>FOR TREATING<br>COMBUSTIBLES<br>OBTAINED FROM A<br>THERMAL PROCESSING<br>FURNACE AND A<br>THERMAL PROCESSING<br>FURNACE EMPLOYED<br>THEREBY | <b>TAT TECHNOLOGIES,<br/>INC</b>                                   | 11/02/2005 | CHENNAI |
| 743 | 206945 | IN/PCT/2002/1966/CH<br>E | 02/05/2001 | 02/05/2000 | BIS-(N,N'-BIS-(2-<br>HALOETHYL)AMINO)<br>PHOSPHORAMIDATES                                                                                                            | <b>TELIK, INC</b>                                                  | 11/02/2005 | CHENNAI |
| 744 | 206946 | IN/PCT/2002/1968/CH      | 29/04/2001 | 30/04/2000 | METHOD OF                                                                                                                                                            | <b>YISSUM RESEARCH</b>                                             | 11/02/2005 | CHENNAI |

|     |        |                       |            |            |                                                                                                                                                      |                                                           |            |         |
|-----|--------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------|---------|
|     |        | E                     |            |            | DETERMINING THE LEVEL OF NON-TRANSFERRIN-BOUND IRON AND/OR CHELATOR ACCESSIBLE IRON                                                                  | DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM |            |         |
| 745 | 206947 | IN/PCT/2002/1986/CH E | 01/05/2001 | 22/06/2000 | GLYCOPEPTIDE PHOSPHONATE DERIVATIVES                                                                                                                 | THERAVANCE, INC                                           | 25/02/2005 | CHENNAI |
| 746 | 206948 | IN/PCT/2002/2024/CH E | 28/04/2001 | 16/05/2000 | METHOD, DEVICE AND SECURITY SYSTEM, ALL FOR AUTHENTICATING A MARKING                                                                                 | SICPA HOLDING S.A.                                        | 25/02/2005 | CHENNAI |
| 747 | 206949 | IN/PCT/2002/2105/CH E | 02/05/2001 | 21/07/2000 | PHARMACEUTICAL COMPOSITION FOR TREATMENT OF VAGINAL DRYNESS AND SEXUAL DYSFUNCTION                                                                   | HORMOS MEDICAL CORPORATION                                | 25/02/2005 | CHENNAI |
| 748 | 206950 | IN/PCT/2002/2165/CH E | 28/06/2001 | 28/06/2000 | BLADE OF A WIND TURBINE                                                                                                                              | STICHTING ENERGIEONDERZOE K CENTRUM NEDERLAND             | 25/02/2005 | CHENNAI |
| 749 | 206951 | IN/PCT/2002/2170/CH E | 02/07/2001 | 03/07/2000 | HAIR STYLE DESIGN SYSTEM                                                                                                                             | PHILD CO., LTD                                            | 25/02/2005 | CHENNAI |
| 750 | 206960 | 2609/MAS/1998         | 18/11/1998 | 03/12/1997 | 2-ARYL-8-OXODIHYDROPURINE DERIVATIVE, PROCESS FOR THE PREPARATION THEREOF, PHARMACEUTICAL COMPOSITION CONTAINING THE SAME, AND INTERMEDIATE THEREFOR | DAINIPPON SUMITOMO PHARMA CO.,LTD                         | 04/03/2005 | CHENNAI |
| 751 | 206961 | 65/MAS/1998           | 09/01/1998 | 14/01/1997 | TACHYKININ ANTAGONISTS                                                                                                                               | NOVARTIS AG,                                              | 04/03/2005 | CHENNAI |
| 752 | 206962 | 687/MAS/1996          | 24/04/1996 | 28/04/1995 | PENTACYCLIC COMPOUND                                                                                                                                 | DAIICHI PHARMACEUTICAL CO.,LTD                            | 04/03/2005 | CHENNAI |
| 753 | 206963 | IN/PCT/2000/371/CHE   | 11/03/1999 | 13/03/1998 | HERBICIDALLY ACTIVE 3-HYDROXY-4-ARYL-5-OXOPYRAZOLINE DERIVATIVE COMPOUNDS OF THE FORMULA 1                                                           | SYNGENTA PARTICIPATIONS AG                                | 04/03/2005 | CHENNAI |
| 754 | 206964 | IN/PCT/2000/724/CHE   | 07/06/1999 | 08/06/1998 | ÅŸ2-ADRENERGIC RECEPTOR AGONISTS                                                                                                                     | THERAVANCE, INC.,                                         | 04/03/2005 | CHENNAI |
| 755 | 206965 | IN/PCT/2001/1103/CH E | 12/02/2000 | 18/02/1999 | PHENYLALANINOL DERIVATIVES                                                                                                                           | F. HOFFMANN-LA ROCHE AG                                   | 04/03/2005 | CHENNAI |
| 756 | 206966 | IN/PCT/2001/1308/CH E | 20/03/2000 | 29/03/1999 | GLUCOKINASE ACTIVATORS                                                                                                                               | F. HOFFMANN-LA ROCHE AG                                   | 04/03/2005 | CHENNAI |
| 757 | 206967 | 107/CHENP/2003        | 13/07/2001 | 25/07/2000 | HERBICIDAL COMPOSITIONS                                                                                                                              | BAYER CROPSCIENCE GMBH                                    | 08/04/2005 | CHENNAI |
| 758 | 206968 | 12/CHENP/2003         | 25/06/2001 | 06/07/2000 | A METHOD FOR ACTIVATION OF A CATHODE                                                                                                                 | AKZO NOBEL N.V                                            | 08/04/2005 | CHENNAI |
| 759 | 206969 | 136/CHENP/2003        | 19/07/2001 | 28/07/2000 | A PHARMACEUTICAL COMPOSITION COMPRISING LIPASE INHIBITOR AND BILE ACID SEQUESTRANT                                                                   | F. HOFFMANN-LA ROCHE AG                                   | 08/04/2005 | CHENNAI |
| 760 | 206971 | 150/CHENP/2003        | 25/06/2001 | 27/06/2000 | QUINUCLIDYL N-PHENYL-N-ALKYL CARBAMATES                                                                                                              | LABORATORIOS S.A.L.V.A.T., S.A.                           | 08/04/2005 | CHENNAI |



|     |        |                |            |            |                                                                                                              |                                                       |            |         |
|-----|--------|----------------|------------|------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|---------|
|     |        |                |            |            | HAVING ACTIVITY AS MUSCARINIC RECEPTOR ANTAGONISTS                                                           |                                                       |            |         |
| 761 | 206972 | 162/CHENP/2003 | 29/06/2001 | 07/07/2000 | 7-SUBSTITUTED TETRACYCLINE COMPOUNDS                                                                         | TRUSTEES OF TUFTS COLLEGE,PARATEK PHARMACEUTICALS,INC | 08/04/2005 | CHENNAI |
| 762 | 206973 | 174/CHENP/2003 | 06/07/2001 | 06/07/2000 | OPTICAL TRANSMISSION SYSTEMS INCLUDING OPTICAL AMPLIFIERS AND METHODS OF USE THEREIN                         | CORVIS CORPORATION                                    | 08/04/2005 | CHENNAI |
| 763 | 206974 | 24/CHENP/2003  | 13/06/2001 | 14/06/2000 | INDOLE DERIVATIVES USEFUL FOR THE TREATMENT OF CNS DISORDERS                                                 | H. LUNDBECK A/S                                       | 08/04/2005 | CHENNAI |
| 764 | 206975 | 25/CHENP/2003  | 10/07/2001 | 14/07/2000 | FCC REACTOR VESSEL                                                                                           | SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V        | 08/04/2005 | CHENNAI |
| 765 | 206976 | 269/CHENP/2003 | 08/08/2001 | 15/08/2000 | A PROCESS WHEREIN ONE OR MORE MONOMERS ARE POLYMERIZED TO MAKE ACRYLIC(CO) POLYMERS                          | AKZO NOBEL N.V                                        | 08/04/2005 | CHENNAI |
| 766 | 206977 | 284/CHENP/2003 | 10/08/2001 | 31/08/2000 | A LAMINATE ELASTIC IN A MACHINE DIRECTION AND EXTENDABLE BUT NOT ELASTIC IN A CROSS DIRECTION                | KIMBERLY CLARK WORLDWIDE, INC                         | 08/04/2005 | CHENNAI |
| 767 | 206978 | 29/CHENP/2003  | 08/06/2001 | 08/06/2000 | IMPROVED LUMINOUS MATERIALS                                                                                  | CRAIG JAMESON BAILLIE,STEPHEN LAMBERT                 | 08/04/2005 | CHENNAI |
| 768 | 206980 | 291/CHENP/2003 | 27/08/2001 | 28/08/2000 | CONTROL OF WOOD-DESTROYING PESTS WITH THIAMETHOXAM                                                           | SYNGENTA PARTICIPATIONS AG                            | 08/04/2005 | CHENNAI |
| 769 | 206981 | 376/CHENP/2003 | 13/09/2001 | 13/09/2000 | HUMAN COAGULATION FACTOR VII POLYPEPTIDE                                                                     | NOVO NORDISK HEALTH CARE AG                           | 08/04/2005 | CHENNAI |
| 770 | 206982 | 392/CHENP/2003 | 20/08/2001 | 24/08/2000 | A WRITING INSTRUMENT HAVING A HETEROGENEOUS NON-ERASABLE FLUORESCENT INK COMPOSITION                         | BIC CORPORATION                                       | 08/04/2005 | CHENNAI |
| 771 | 206983 | 77/CHENP/2003  | 20/06/2001 | 23/06/2000 | PHARMACEUTICAL COMPOSITIONS COMPRISING ACRYLOYL DISTAMYCIN DERIVATIVES AND TOPOISOMERASE I AND II INHIBITORS | NERVIANO MEDICAL SCIENCES S R L                       | 08/04/2005 | CHENNAI |
| 772 | 206984 | 83/CHENP/2003  | 26/06/2001 | 04/07/2000 | METHOD FOR TREATING TEXTILE FIBRE MATERIALS OR LEATHER                                                       | CIBA SPECIALTY CHEMICALS HOLDING INC.                 | 08/04/2005 | CHENNAI |
| 773 | 206985 | 89/CHENP/2003  | 19/07/2001 | 21/07/2000 | NOVAL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS                                        | SCHERING CORPORATION ,DENDREON CORPORATION            | 08/04/2005 | CHENNAI |
| 774 | 206987 | 95/CHENP/2003  | 14/06/2001 | 23/06/2000 | METHOD FOR PREPARING HYDROXYPHENYL CARBOXYLIC ACID ESTERS                                                    | CIBA SPECIALTY CHEMICALS HOLDING INC                  | 08/04/2005 | CHENNAI |

|     |        |                 |            |            |                                                                                                |                                                       |            |         |
|-----|--------|-----------------|------------|------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|---------|
| 775 | 206988 | 98/CHENP/2003   | 25/07/2001 | 26/07/2000 | BRAZING SHEET PRODUCT AND A METHOD OF MANUFACTURING AN ASSEMBLY OF BRAZED COMPONENTS           | <b>CORUS ALUMINIUM WALZPRODUKTE GMBH</b>              | 08/04/2005 | CHENNAI |
| 776 | 206989 | 467/CHENP/2003  | 06/09/2001 | 08/09/2000 | DRILL BIT                                                                                      | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V</b> | 15/04/2005 | CHENNAI |
| 777 | 206990 | 526/CHENP/2003  | 28/09/2001 | 16/10/2000 | AN AQUEOUS ALKALINE COMPOSITION FOR STRIPPING OR CLEANING INTEGRATED CIRCUIT SUBSTRATES        | <b>MALLINCKRODT BAKER, INC.</b>                       | 15/04/2005 | CHENNAI |
| 778 | 206991 | 561/CHENP/2003  | 19/10/2001 | 20/10/2000 | NOZZLE POKER FOR MOVING NOZZLE INK JET                                                         | <b>SILVERBROOK RESEARCH PTY LTD</b>                   | 15/04/2005 | CHENNAI |
| 779 | 206992 | 570/CHENP/2003  | 20/10/2000 | 20/10/2000 | PRINthead FOR PEN                                                                              | <b>SILVERBROOK RESEARCH PTY LTD</b>                   | 15/04/2005 | CHENNAI |
| 780 | 206993 | 576/CHENP/2003  | 11/09/2001 | 20/09/2000 | PROCESS FOR THE PREPARATION OF BENZOTRIAZOLES                                                  | <b>CIBA SPECIALTY CHEMICALS HOLDING INC</b>           | 15/04/2005 | CHENNAI |
| 781 | 206994 | 604/CHENP/2003  | 25/10/2001 | 25/10/2000 | PHOTOACTIVATABLE WATER BORNE COATING COMPOSITION                                               | <b>AKZO NOBEL N.V</b>                                 | 15/04/2005 | CHENNAI |
| 782 | 206995 | 615/CHENP/2003  | 25/10/2001 | 27/10/2000 | PROCESS FOR THE MANUFACTURE OF THIAZOLE DERIVATIVES WITH PESTICIDAL ACTIVITY                   | <b>SYNGENTA PARTICIPATIONS AG</b>                     | 15/04/2005 | CHENNAI |
| 783 | 206996 | 648/CHENP/2003  | 29/10/2001 | 31/10/2000 | AN OPTICAL CONNECTOR FOR AN ELECTRO-OPTICAL BOARD                                              | <b>VIASYSTEMS GROUP, INC</b>                          | 15/04/2005 | CHENNAI |
| 784 | 206997 | 654/CHENP/2003  | 03/11/2001 | 03/11/2000 | DIGITAL FILTER WITH STATE STORAGE                                                              | <b>QUALCOMM INCORPORATED</b>                          | 15/04/2005 | CHENNAI |
| 785 | 206998 | 655/CHENP/2003  | 03/11/2000 | 03/11/2000 | ADJUSTMENT OF TRANSMITTER BIAS CURRENT BASED ON TRANSMITTER GAIN                               | <b>QUALCOMM INCORPORATED</b>                          | 15/04/2005 | CHENNAI |
| 786 | 207000 | 696/CHENP/2003  | 05/11/2001 | 10/11/2000 | PACKAGING FOR AN AIR FILTER AND A METHOD A FORMING AND PACKAGING AN AIR FILTER                 | <b>DOW GLOBAL TECHNOLOGIES, INC</b>                   | 15/04/2005 | CHENNAI |
| 787 | 207001 | 770/CHENP/2003  | 27/11/2000 | 20/11/2000 | AN APPARATUS AND METHOD FOR APPLICATION OF BINDING ADHESIVE TO PAGES PASSING THROUGH A PRINTER | <b>SILVERBROOK RESEARCH PTY LTD</b>                   | 15/04/2005 | CHENNAI |
| 788 | 207003 | 772/CHENP/2003  | 27/11/2000 | 20/11/2000 | A APPARATUS WITH PAGE BINDING SUPPORT TRAY HAVING VIBRATORY PAGE ALIGNMENT                     | <b>SILVERBROOK RESEARCH PTY LTD</b>                   | 15/04/2005 | CHENNAI |
| 789 | 207004 | 773/CHENP/2003  | 27/11/2000 | 20/11/2000 | SPINE PRESSING IN A PAGE BINDING MACHINE                                                       | <b>SILVERBROOK RESEARCH PTY LTD</b>                   | 15/04/2005 | CHENNAI |
| 790 | 207005 | 1006/CHENP/2003 | 29/11/2001 | 29/11/2000 | A ROLLER BED ASSEMBLY APPARATUS                                                                | <b>SOLID SYSTEMS ENGINEERING COMPANY</b>              | 22/04/2005 | CHENNAI |
| 791 | 207006 | 1145/CHENP/2003 | 25/01/2002 | 26/01/2001 | COMPOSITION COMPRISING STEROL ABSORPTION                                                       | <b>SCHERING CORPORATION</b>                           | 22/04/2005 | CHENNAI |



|     |        |                 |            |            |                                                                                                                        |                                                               |            |         |
|-----|--------|-----------------|------------|------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------|---------|
|     |        |                 |            |            | INHIBITOR(S) WITH BLOOD MODIFIER(S) FOR TREATING VASCULAR CONDITIONS                                                   |                                                               |            |         |
| 792 | 207007 | 1150/CHENP/2003 | 25/01/2002 | 26/01/2001 | A COMPOSITION OF STEROL ABSORPTION INHIBITOR(S) WITH CARDIOVASCULAR AGENT                                              | <b>SCHERING CORPORATION</b>                                   | 22/04/2005 | CHENNAI |
| 793 | 207008 | 1171/CHENP/2003 | 01/02/2002 | 02/02/2001 | 3,4-DI-SUBSTITUTED CYCLOBUTENE-1, 2-DIONES AS CXc CHEMOKINE RECEPTOR ANTAGONISTS                                       | <b>SCHERING CORPORATION, PHAR MACOPEIA DRUG DISCOVERY INC</b> | 22/04/2005 | CHENNAI |
| 794 | 207009 | 884/CHENP/2003  | 05/11/2001 | 08/11/2000 | AN AERATOR AND MIXER WITH ROTATABLE DRIVE SHAFT                                                                        | <b>PHILADELPHIA MIXING SOLUTIONS</b>                          | 22/04/2005 | CHENNAI |
| 795 | 207010 | 906/CHENP/2003  | 06/12/2001 | 11/12/2000 | A RADIATION SENSITIVE REFRACTIVE INDEX CHANGING COMPOSITION AND A REFRACTIVE INDEX PATTERN FORMING METHOD              | <b>JSR CORPORATION</b>                                        | 22/04/2005 | CHENNAI |
| 796 | 207012 | 989/CHENP/2003  | 22/11/2001 | 23/11/2000 | A PROCESS FOR PREPARING POLYAMIDES AND POLYAMIDE PREPARED THEREBY                                                      | <b>BASF AKTIENGESELLSCHA FT</b>                               | 22/04/2005 | CHENNAI |
| 797 | 207013 | 1594/CHENP/2003 | 29/06/2001 | 13/03/2001 | 7, 9-SUBSTITUTED TETRACYCLINE COMPOUNDS                                                                                | <b>PARATEK PHARMACEUTICALS INC.</b>                           | 25/11/2005 | CHENNAI |
| 798 | 207014 | 1622/CHENP/2003 | 13/04/2001 | 13/04/2001 | A DEVICE ADAPTED FOR MAKING AN INTRADERMAL INJECTION                                                                   | <b>BECTON DICKINSON AND COMPANY</b>                           | 25/11/2005 | CHENNAI |
| 799 | 207015 | 1623/CHENP/2003 | 13/04/2001 | 13/04/2001 | INTRADERMAL NEEDLE                                                                                                     | <b>BECTON DICKINSON AND COMPANY</b>                           | 25/11/2005 | CHENNAI |
| 800 | 207016 | 1626/CHENP/2003 | 13/04/2001 | 13/04/2001 | AN INTRADERMAL DELIVERY DEVICE                                                                                         | <b>BECTON DICKINSON AND COMPANY</b>                           | 25/11/2005 | CHENNAI |
| 801 | 207017 | 1811/CHENP/2003 | 08/05/2002 | 18/05/2001 | IMIDAZO[1,5-A] PYRIMIDO[5,4-D] BENZAZEPINE DERIVATIVES AS GABA A RECEPTOR MODULATORS                                   | <b>F.HOFFMANN-LA ROCHE AG</b>                                 | 06/01/2006 | CHENNAI |
| 802 | 207018 | 1946/CHENP/2003 | 07/06/2002 | 11/06/2001 | A SUBSTANTIALLY ANHYDROUS FLUID COMPOSITION CONTAINING WATER-INSOLUBLE INORGANIC SUBSTANCE                             | <b>SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC</b>               | 06/01/2006 | CHENNAI |
| 803 | 207019 | 838/CHENP/2004  | 14/09/2002 | 25/09/2001 | A CRYSTALLINE HYDRATE OF A SUBSTITUTED NICOTINANILIDE DERIVATIVE AND METHOD OF THEIR PREPARATION                       | <b>BASF AKTIENGESELLSCHA FT</b>                               | 13/01/2006 | CHENNAI |
| 804 | 207020 | 2925/CHENP/2004 | 21/05/2003 | 28/05/2002 | PROCESS FOR REDUCING THE LEVEL OF UNSATURATED AMINE IN A MIXTURE CONTAINING AN AMINO NITRILE, A DIAMINE A DINITRILE OR | <b>BASF AKTIENGESELLSCHA FT</b>                               | 17/02/2006 | CHENNAI |

|     |        |                     |            |            |                                                                                                                                                           |                                                                                         |            |         |
|-----|--------|---------------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------|---------|
|     |        |                     |            |            | MIXTURES THEREOF                                                                                                                                          |                                                                                         |            |         |
| 805 | 207022 | 3108/CHENP/2004     | 30/07/2003 | 30/07/2002 | ELECTRODE FOR ELECTRIC DISCHARGE SURFACE TREATMENT, METHOD OF ELECTRIC DISCHARGE SURFACE TREATMENT AND APPARATUS FOR ELECTRIC DISCHARGE SURFACE TREATMENT | <b>ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD, MITSUBISHI DENKI KABUSHIKI KAISHA</b> | 17/02/2006 | CHENNAI |
| 806 | 207023 | 169/CHE/2004        | 01/03/2004 |            | TRANSDERMAL DRUG DELIVERY DEVICE CONTAINING ORAL ANTIDIABETIC DRUG                                                                                        | <b>THE MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES</b>                                   | 02/12/2005 | CHENNAI |
| 807 | 207024 | 867/CHE/2003        | 28/10/2003 | 29/10/2002 | PROCESS FOR FLUID CATALYTIC CRACKING OF HYDROCARBON FEEDSTOCKS WITH HIGH LEVELS OF BASIC NITROGEN                                                         | <b>PETROLEO BRASILEIRO S. A.-PETROBRAS</b>                                              | 18/11/2005 | CHENNAI |
| 808 | 207026 | IN/PCT/2002/248/CHE | 07/08/2000 | 20/08/1999 | A COATED SOL-GEL ALPHA ALUMINA ABRASIVE GRIT                                                                                                              | <b>SAINT-GOBAIN CERAMICS &amp; PLASTICS, INC.</b>                                       | 28/10/2005 | CHENNAI |
| 809 | 207231 | 1740/CHENP/2004     | 12/02/2003 | 13/02/2002 | AN INFORMATION RETRIEVAL SYSTEM AND A METHOD OF RETRIEVING INFORMATION                                                                                    | <b>SILVERBROOK RESEARCH PTY LTD</b>                                                     | 24/02/2006 | CHENNAI |
| 810 | 207232 | 959/MAS/1995        | 27/07/1995 | 28/07/1994 | 2-(2-AMINO-1, 6-DIHYDRO-6-OXO-PURIN-9-YL)METHOXY-3-HYDROXY-1-PROPANYL-L-VALINATE                                                                          | <b>F. HOFFMANN-LA ROCHE AG</b>                                                          | 25/02/2005 | CHENNAI |
| 811 | 207233 | IN/PCT/2000/434/CHE | 24/03/1999 | 26/03/1998 | A LYOPHILIZED POWDER PRODUCED BY LYOPHILIZATION OF AN AQUEOUS FORMULATION WHICH PROTECT THE PEG-INTERFERON ALPHA CONJUGATES                               | <b>SCHERING CORPORATION</b>                                                             | 04/03/2005 | CHENNAI |
| 812 | 207234 | 39/CHENP/2003       | 15/02/2001 | 15/02/2001 | A NOVEL VACCINE FORMULATION CONSISTING OF DNA VACCINE AND INACTIVATED VIRUS                                                                               | <b>INDIAN INSTITUTE OF SCIENCE ,INDIAN IMMUNOLOGICALS LIMITED</b>                       | 08/04/2005 | CHENNAI |
| 813 | 207235 | 682/CHENP/2003      | 07/11/2001 | 10/11/2000 | A PROCESS AND A PLANT FOR THE CONTINUOUS DIP-COATING OF A METAL STRIP                                                                                     | <b>USINOR</b>                                                                           | 15/04/2005 | CHENNAI |
| 814 | 207236 | 812/CHENP/2003      | 19/08/1999 | 21/08/1998 | A METHOD OF PREPARING A SOLID ORAL PHARMACEUTICAL COMPOSITION                                                                                             | <b>NOVARTIS AG</b>                                                                      | 22/04/2005 | CHENNAI |
| 815 | 207237 | 1062/MAS/2001       | 03/05/1995 |            | SYSTEM FOR TRANSMITTING PACKET DATA IN THE AIR INTERFACE OF A DIGITAL CELLULAR SYSTEM BASED ON TIME DIVISION MULTIPLE ACCESS                              | <b>NOKIA MOBILE PHONES LIMITED</b>                                                      | 20/05/2005 | CHENNAI |
| 816 | 207238 | IN/PCT/2002/26/CHE  | 05/07/2000 | 05/07/1999 | A METHOD FOR CODING AN AUDIO SIGNAL, AN ENCODER AND A                                                                                                     | <b>NOKIA CORPORATION</b>                                                                | 20/05/2005 | CHENNAI |

|     |        |                 |            |            |                                                                                                                             |                                                                           |            |         |
|-----|--------|-----------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------|---------|
|     |        |                 |            |            | DECODER FOR THE SAME                                                                                                        |                                                                           |            |         |
| 817 | 207239 | 742/CHE/2003    | 16/09/2003 | 17/09/2002 | FIBER BUNDLE COLLECTING DEVICE OF A SPINNING MACHINE                                                                        | KABUSHIKI KAISHA TOYOTA JIDOSHOKKI                                        | 18/11/2005 | CHENNAI |
| 818 | 207240 | 354/CHENP/2004  | 16/08/2002 | 23/08/2001 | VEHICLE CHASSIS HAVING PROGRAMMABLE OPERATING CHARACTERISTICS AND METHOD FOR USING SAME                                     | GENERAL MOTORS CORPORATION                                                | 23/12/2005 | CHENNAI |
| 819 | 207241 | 1073/CHE/2003   | 31/12/2003 |            | METHOD TO GENERATE LIST OF PUBLIC LAND MOBILE NUMBER (PLMNS) ID BY UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM (UMTS) MOBILE | SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED                         | 30/12/2005 | CHENNAI |
| 820 | 207242 | 941/CHE/2003    | 05/03/1998 | 08/03/1997 | AN APRON FOR A DOUBLE-APRON DRAFTING SYSTEM FOR SPINNING MACHINERY                                                          | DEUTSCHE INSTITUT FÜR TEXTIL-UND FASERFORSCHUNG STUTTGART                 | 30/12/2005 | CHENNAI |
| 821 | 207244 | 1130/CHENP/2004 | 20/04/2002 | 20/12/2001 | METHOD AND APPARATUS FOR FAULT TOLERANT PERSISTENCY SERVICE ON NETWORK DEVICE                                               | NOKIA, INC.                                                               | 03/02/2006 | CHENNAI |
| 822 | 207245 | 1975/CHENP/2004 | 07/03/2003 | 11/03/2002 | SUBSTITUTED INDAZOLE DERIVATIVES                                                                                            | AVENTIS PHARMA S.A.                                                       | 24/02/2006 | CHENNAI |
| 823 | 207246 | 2078/CHENP/2004 | 05/03/2003 | 22/03/2002 | AN ENERGY ATTENUATION RESTRICTOR DEVICE AND A METHOD OF MANUFACTURING SUCH RESTRICTOR DEVICE                                | DAYCO PRODUCTS, LLC                                                       | 03/03/2006 | CHENNAI |
| 824 | 207247 | 1187/CHE/2004   | 12/11/2004 |            | LOW GLYCEMIC INDIAN SWEETS AND A METHOD OF PREPARATION                                                                      | KRISHNAMACHARI RAMU, LAVANYA RAMU                                         | 24/03/2006 | CHENNAI |
| 825 | 207248 | 934/MAS/2003    | 17/11/2003 |            | A DIGITAL HUMIDITY SENSOR                                                                                                   | DEPT OF CHEMISTRY AND LOYOLA INSTITUTE OF FRONTIER ENERGY, LOYOLA COLLEGE | 28/04/2006 | CHENNAI |
| 826 | 207249 | 408/CHE/2003    | 14/05/2003 |            | TWIST CHAIR                                                                                                                 | PROF. PARK JAE WOO                                                        | 26/05/2006 | CHENNAI |
| 827 | 207250 | 883/CHE/2004    | 01/09/2004 |            | GRINDING PROCESS FOR GUIDE PINS                                                                                             | K.R. ANAND                                                                | 09/06/2006 | CHENNAI |
| 828 | 207251 | 1058/MAS/1996   | 17/06/1996 | 08/02/1995 | A METHOD OF MAKING INTERCONNECT SUBSTRATE                                                                                   | INTERNATIONAL BUSINESS MACHINE CORPORATION                                | 21/07/2006 | CHENNAI |
| 829 | 207252 | 1076/MAS/1996   | 19/06/1996 | 23/06/1995 | METHOD AND APPARATUS FOR CONTROLLING THE OPERATION OF A SIGNAL DECODER IN A BROADCASTING SYSTEM                             | IRDETO BV                                                                 | 21/07/2006 | CHENNAI |
| 830 | 207253 | 1101/MAS/1996   | 21/06/1996 | 05/09/1995 | A STAGED OXY-FUEL BURNER FOR PRODUCING A GENERALLY FLAT LUMINOUS FLAME, A STAGED OXY-FUEL COMBUSTOR SYSTEM AND A METHOD OF  | AIR PRODUCTS & CHEMICALS INC                                              | 21/07/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                                 |                                                        |            |         |
|-----|--------|---------------|------------|------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------|---------|
|     |        |               |            |            | PRODUCING A LOW NO <sub>x</sub> OXY-FUEL FLAME FOR HEATING A FURNACE TO AN ELEVATED TEMPERATURE                                 |                                                        |            |         |
| 831 | 207254 | 1317/MAS/1996 | 25/07/1996 | 22/11/1995 | A BACK CONTACT SOLAR CELL AND A METHOD OF MANUFACTURING THE SAME                                                                | <b>EBARA CORPORATION</b>                               | 21/07/2006 | CHENNAI |
| 832 | 207255 | 1481/MAS/1996 | 22/08/1996 | 07/08/1996 | AN ADJUSTER MECHANISM                                                                                                           | <b>MERITOR AUTOMOTIVE,INC</b>                          | 21/07/2006 | CHENNAI |
| 833 | 207256 | 1482/MAS/1996 | 22/08/1996 | 30/09/1995 | A PROCESS FOR PREPARING A BOROSILICATE GLASS OF HIGH CHEMICAL RESISTANCE AND LOW VISCOSITY                                      | <b>SCHOTT-ROHRGLAS GMBH</b>                            | 21/07/2006 | CHENNAI |
| 834 | 207257 | 1498/MAS/1996 | 26/08/1996 | 21/11/1995 | A METHOD OF DYEING TEXTILE WEBS OF POLYESTER FIBRES OR MIXTURES OF POLYESTER FIBRES AND OTHER FIBRES,AND A CORRESPONDING JIGGER | <b>EDUARD KUSTERS MASCHINENFABRIK GMBH &amp; CO.KG</b> | 21/07/2006 | CHENNAI |
| 835 | 207258 | 1569/MAS/1996 | 09/09/1996 | 07/09/1995 | A METHOD AND AN APPARATUS FOR PRODUCING METAL LUMPS                                                                             | <b>MINTEK</b>                                          | 21/07/2006 | CHENNAI |
| 836 | 207259 | 169/MAS/1998  | 28/01/1998 | 29/01/1997 | A METHOD FOR PURIFYING N-[N-3,3-DIMETHYLBUTYL]-L-ALPHA -ASPARTYL]-L-PHENYLALANINE 1-METHYL ESTER                                | <b>THE NUTRASWEET COMPANY</b>                          | 21/07/2006 | CHENNAI |
| 837 | 207260 | 171/MAS/1998  | 28/01/1998 | 30/01/1997 | AN ARTICULATED CONNECTION FOR JOINING ADJACENT RAILCARS                                                                         | <b>AMSTED INDUSTRIES INCORPORATED</b>                  | 21/07/2006 | CHENNAI |
| 838 | 207261 | 1753/MAS/1996 | 04/10/1996 | 06/10/1995 | A PROCESS FOR FORMING A BODY OF RICE HULLS                                                                                      | <b>RICHARD LAURANCE LEWELLIN</b>                       | 21/07/2006 | CHENNAI |
| 839 | 207262 | 1831/MAS/1996 | 17/10/1996 | 07/11/1995 | AN EYEGLASS                                                                                                                     | <b>RICHARD CHAO</b>                                    | 21/07/2006 | CHENNAI |
| 840 | 207263 | 1855/MAS/1996 | 22/10/1996 | 25/12/1995 | A METHOD AND AN APPARATUS FOR MAKING AN INSIGNIA WITH A RAISED DESIGN                                                           | <b>SZE-TSANG</b>                                       | 21/07/2006 | CHENNAI |
| 841 | 207264 | 1879/MAS/1996 | 25/10/1996 | 27/10/1995 | AN ABSORPTION PROCESS FOR RECOVERY OF A DESIRED COMPONENT                                                                       | <b>ADVANCED EXTRACTION TECHNOLOGIES,INC</b>            | 21/07/2006 | CHENNAI |
| 842 | 207265 | 1890/MAS/1996 | 28/10/1996 |            | A METHOD OF SYNTHESIZING A POROUS CRYSTALLINE MATERIAL                                                                          | <b>MOBIL OIL CORPORATION</b>                           | 21/07/2006 | CHENNAI |
| 843 | 207266 | 1895/MAS/1998 | 21/08/1998 | 26/09/1997 | A METHOD FOR USE IN A MODEL FOR SIMULATION OF AN SOI DEVICE                                                                     | <b>INTERNATIONAL BUSINESS MACHINE CORPORATION</b>      | 21/07/2006 | CHENNAI |
| 844 | 207267 | 1964/MAS/1996 | 06/11/1996 | 09/11/1995 | PROCESS FOR PRODUCING BUMPER MADE OF SYNTHETIC RESIN FOR AUTOMOBILE VEHICLE                                                     | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>              | 21/07/2006 | CHENNAI |
| 845 | 207268 | 2003/MAS/1996 | 12/11/1996 | 29/11/1995 | A PROCESS FOR QUENCHING A MOLTEN MATERIAL                                                                                       | <b>SAINT-GOBAIN/NORTON INDUSTRIAL</b>                  | 21/07/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                                          |                                                                                    |            |         |
|-----|--------|---------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------|---------|
|     |        |               |            |            |                                                                                                                                          | <b>CERAMICS CORPORATION</b>                                                        |            |         |
| 846 | 207269 | 2032/MAS/1996 | 14/11/1996 | 20/12/1995 | A MEMORY ARRAY HAVING A PLURALITY OF MEMORY CELLS                                                                                        | <b>INTERNATIONAL BUSINESS MACHINE CORPORATION</b>                                  | 21/07/2006 | CHENNAI |
| 847 | 207270 | 2056/MAS/1996 | 19/11/1996 | 20/11/1995 | A SEPARATION PROCESS AND APPARATUS THEREFOR                                                                                              | <b>VERITECH FILTRATION LIMITED</b>                                                 | 21/07/2006 | CHENNAI |
| 848 | 207271 | 2063/MAS/1996 | 19/11/1996 |            | A CARBONACEOUS COMPOSITION AND A POLYMER COMPOSITION CONTAINING THE SAME                                                                 | <b>CABOT CORPORATION</b>                                                           | 21/07/2006 | CHENNAI |
| 849 | 207272 | 2073/MAS/1996 | 20/11/1996 | 22/12/1995 | A METHOD OF WINDING A LAPSHEET ONTO A TUBE OF A LAP-FORMING MACHINE AND AN APPARATUS FOR PRODUCING LAPS ON A LAP-FORMING MACHINE         | <b>MASCHINENFABRIK RIETER AG</b>                                                   | 21/07/2006 | CHENNAI |
| 850 | 207273 | 2073/MAS/1998 | 16/09/1998 | 06/10/1997 | AN AEROMECHANICAL INDIVIDUALIZER FOR INDIVIDUALIZING ENTITIES                                                                            | <b>PREMIER POLYTRONICS LTD</b>                                                     | 21/07/2006 | CHENNAI |
| 851 | 207274 | 2096/MAS/1996 | 22/11/1996 | 21/12/1995 | A METHOD FOR DETERMINING AT LEAST ONE SYSTEM ORGANIZATION PARAMETER IN A WIRELESS COMMUNICATION SYSTEM                                   | <b>AT &amp; T WIRELESS SERVICES INC</b>                                            | 21/07/2006 | CHENNAI |
| 852 | 207275 | 2166/MAS/1996 | 03/12/1996 | 29/12/1995 | AN APPARATUS FOR THE WET CLEANING OF THE NOZZLE RING OF AN EXHAUST-GAS TURBOCHARGER TURBINE                                              | <b>ABB SCHWEIZ AG</b>                                                              | 21/07/2006 | CHENNAI |
| 853 | 207276 | 2175/MAS/1998 | 28/09/1998 |            | A PULL UP SPOUT WITH TAMPER PROOF SEAL                                                                                                   | <b>MOLD-TEK PLASTICS LIMITED</b>                                                   | 21/07/2006 | CHENNAI |
| 854 | 207277 | 2179/MAS/1996 | 04/12/1996 | 01/12/1995 | A METHOD FOR CHECKING AND RETRIEVING AN ITEM OF DATA AND A DATABASE FILESERVER APPARATUS                                                 | <b>BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY</b>                           | 21/07/2006 | CHENNAI |
| 855 | 207278 | 2255/MAS/1996 | 12/12/1996 |            | A DIGITAL MODULATION APPARATUS FOR CONVERTING DATA WORDS TO RUNLENGTHLIMITED CODE WORDS                                                  | <b>MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD,KABUSHIKI KAISHA TOSHIBA,HITACHI LTD</b> | 21/07/2006 | CHENNAI |
| 856 | 207279 | 2263/MAS/1996 | 13/12/1996 | 15/12/1995 | A METHOD FOR MANAGING FAULTY DATA IN A MULTICHANNEL MEMORY SYSTEM                                                                        | <b>INTERNATIONAL BUSINESS MACHINE CORPORATION</b>                                  | 21/07/2006 | CHENNAI |
| 857 | 207280 | 2271/MAS/1996 | 16/12/1996 | 26/01/1996 | METHOD AND SYSTEM FOR PRESENTING A PLURALITY OF ANIMATED DISPLAY OBJECTS TO A USER FOR SELECTION ON A GRAPHICAL USER INTERFACE IN A DATA | <b>INTERNATIONAL BUSINESS MACHINES CORPORATION</b>                                 | 21/07/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                      |                                                          |            |         |
|-----|--------|---------------|------------|------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------|---------|
|     |        |               |            |            | PROCESSING SYSTEM                                                                                    |                                                          |            |         |
| 858 | 207281 | 2282/MAS/1998 | 13/10/1998 |            | A SEED DIBBLER                                                                                       | <b>DR.RAVI RALPH</b>                                     | 21/07/2006 | CHENNAI |
| 859 | 207282 | 2283/MAS/1998 | 13/10/1998 | 14/10/1997 | METHOD AND APPARATUS OF INTERMITTENT ARRANGEMENT MULTIBEAM OPTICAL DISC READOUT                      | <b>KABUSHIKI KAISHA KENWOOD</b>                          | 21/07/2006 | CHENNAI |
| 860 | 207283 | 2284/MAS/1996 | 17/12/1996 | 25/10/1996 | SEMI-FLOODED BATTERY CELL                                                                            | <b>WILLIAM E.M.JONES</b>                                 | 21/07/2006 | CHENNAI |
| 861 | 207284 | 2362/MAS/1996 | 26/12/1996 | 28/12/1995 | A METHOD FOR PRODUCING A SPINNING OR TWISTING RING AND A SPINNING OR TWISTING RING                   | <b>BRACKER AG</b>                                        | 21/07/2006 | CHENNAI |
| 862 | 207285 | 2374/MAS/1996 | 27/12/1996 | 29/12/1995 | A PROCESS FOR MAKING PARTICLES HAVING A HYDROPHILIC CORE                                             | <b>CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED</b> | 21/07/2006 | CHENNAI |
| 863 | 207286 | 2583/MAS/1998 | 16/11/1998 | 25/11/1997 | A TEST APPARATUS FOR A RAILWAY WHEEL                                                                 | <b>AMSTED INDUSTRIES INCORPORATED</b>                    | 21/07/2006 | CHENNAI |
| 864 | 207287 | 2694/MAS/1998 | 27/11/1998 | 29/12/1997 | A METHOD AND AN APPARATUS FOR CUTTING A METAL RAIL ROAD WHEEL                                        | <b>AMSTED INDUSTRIES INCORPORATED</b>                    | 21/07/2006 | CHENNAI |
| 865 | 207288 | 2849/MAS/1998 | 23/12/1998 |            | HORIZONTAL BEAD MILL                                                                                 | <b>INCOWAX LIMITED</b>                                   | 21/07/2006 | CHENNAI |
| 866 | 207289 | 399/MAS/1998  | 26/02/1998 | 03/03/1997 | A FLUE GAS TREATING PROCESS AND SYSTEM                                                               | <b>MITSUBISHI HEAVY INDUSTRIES LTD</b>                   | 21/07/2006 | CHENNAI |
| 867 | 207290 | 851/MAS/1996  | 21/05/1996 | 22/05/1995 | A METHOD OF PREPARING AN ELASTOMERIC COMPOUND                                                        | <b>CABOT CORPORATION</b>                                 | 21/07/2006 | CHENNAI |
| 868 | 207292 | 859/MAS/1996  | 13/07/1992 |            | PROCESS FOR PRODUCING TERTIARY OLEFINS BY DECOMPOSITION OF THE CORRESPONDING ALKYL-TERT-ALKYLEETHERS | <b>SNAMPROGETTI S.P.A</b>                                | 21/07/2006 | CHENNAI |
| 869 | 207293 | 503/CHE/2003  | 05/03/1996 |            | ALUMINA ABRASIVE GRITS                                                                               | <b>SAINT-GOBAIN CERAMICS &amp; PLASTICS</b>              | 04/08/2006 | CHENNAI |
| 870 | 207294 | 552/MAS/2000  | 18/07/2000 | 21/07/1999 | CYLINDER LOCK HAVING MAGNETICALLY OPERATIVE BIASING MEANS                                            | <b>MOTTURA SERRATURE DI SICUREZZA SPA</b>                | 18/08/2006 | CHENNAI |
| 871 | 207295 | 714/MAS/2000  | 31/08/2000 | 03/09/1999 | A GAS ENGINE OPERATED MACHINE                                                                        | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>                | 18/08/2006 | CHENNAI |
| 872 | 207296 | 733/MAS/2000  | 06/09/2000 | 08/09/1999 | A METHOD OF POWER GENERATION                                                                         | <b>MITSUBISHI HEAVY INDUSTRIES LTD</b>                   | 18/08/2006 | CHENNAI |
| 873 | 207297 | 762/MAS/2000  | 14/09/2000 | 16/09/1999 | A BOLSTER COLUMN-STOP SURFACE STRUCTURE FOR A RAILCAR TRUCK ASSEMBLY                                 | <b>AMSTED INDUSTRIES INCORPORATED</b>                    | 18/08/2006 | CHENNAI |
| 874 | 207298 | 838/MAS/2000  | 04/10/2000 | 08/10/1999 | DRIVE FOR ROPE DRIVEN PASSENGER ELEVATORS                                                            | <b>FLENDER TUBINGEN GMBH</b>                             | 18/08/2006 | CHENNAI |
| 875 | 207299 | 856/MAS/2000  | 10/10/2000 |            | A PROCESS FOR SYNTHESISING A HYDROXY TERMINATED GLYCIDYL AZIDE POLYMER                               | <b>INDIAN SPACE RESEARCH ORGANISATION</b>                | 18/08/2006 | CHENNAI |



|     |        |                     |            |            |                                                                                                                                      |                                                      |            |         |
|-----|--------|---------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------|---------|
| 876 | 207300 | 888/MAS/2000        | 18/10/2000 | 21/10/1999 | A METHOD OF PROCESSING MULTIDIMENSIONAL DATA IN A COMPUTER SYSTEM                                                                    | INTERNATIONAL BUSINESS MACHINES CORPORATION          | 18/08/2006 | CHENNAI |
| 877 | 207301 | 943/MAS/2000        | 06/11/2000 |            | AN IMPROVED ANTI THEFT DEVICE FOR VEHICLES                                                                                           | NAVNIT GURU                                          | 18/08/2006 | CHENNAI |
| 878 | 207302 | 969/MAS/2000        | 14/11/2000 |            | COIL BAND DEVICE FOR STARTER ARMATURE                                                                                                | MITSUBISHI DENKI KABUSHIKI KAISHA                    | 18/08/2006 | CHENNAI |
| 879 | 207303 | 987/MAS/2000        | 21/11/2000 | 30/11/1999 | A METHOD AND A SYSTEM FOR CONTROLLING INFORMATION PROVIDED TO A PERVASIVE COMPUTING DEVICE                                           | INTERNATIONAL BUSINESS MACHINE CORPORATION           | 18/08/2006 | CHENNAI |
| 880 | 207304 | IN/PCT/2000/332/CHE | 05/02/1999 | 09/02/1998 | A CORIOLIS FLOWMETER HAVING A BALANCE BAR FOR BALANCING ITS SPRING RATE BALANCE                                                      | MICRO MOTION INC                                     | 25/08/2006 | CHENNAI |
| 881 | 207305 | IN/PCT/2000/450/CHE | 30/03/1999 | 02/04/1998 | A PROCESS FOR PREPARING A PURINE DERIVATIVE AND A PROCESS FOR THE PRODUCTION OF A COMPOUND                                           | NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD            | 25/08/2006 | CHENNAI |
| 882 | 207306 | IN/PCT/2000/490/CHE | 08/02/2000 | 09/02/1999 | ABSORBENT COMPOSITIONS FOR THE REMOVAL OF ACID GASES FROM THE GAS STREAMS                                                            | OTSUKA CHEMICAL CO., LTD                             | 25/08/2006 | CHENNAI |
| 883 | 207307 | IN/PCT/2000/557/CHE | 20/04/1999 | 24/04/1998 | PROCESS FOR SYNTHESIZING COX-2 INHIBITORS                                                                                            | MERCK & CO., INC                                     | 25/08/2006 | CHENNAI |
| 884 | 207308 | IN/PCT/2000/625/CHE | 09/04/1999 | 09/04/1998 | A PROCESS FOR TREATING A GAS OIL CUT                                                                                                 | INSTITUT FRANCAIS DU PETROLE                         | 25/08/2006 | CHENNAI |
| 885 | 207309 | IN/PCT/2000/652/CHE | 13/04/1999 | 15/05/1998 | A TRIP MECHANISM FOR AN OVERLOAD RELAY                                                                                               | SIEMENS ENERGY & AUTOMATION, INC                     | 25/08/2006 | CHENNAI |
| 886 | 207310 | IN/PCT/2000/660/CHE | 26/04/1999 | 15/05/1998 | A PROCESS FOR PREPARING OPHTHALMIC LENSES                                                                                            | GREAT LAKES CHEMICAL CORPORATION                     | 25/08/2006 | CHENNAI |
| 887 | 207311 | IN/PCT/2000/665/CHE | 07/05/1999 | 07/05/1998 | PROCESS FOR CONTINUOUSLY MANUFACTURING COMPOSITES OF POLYMER AND CELLULOSIC FIBRES                                                   | INSTITUUT VOOR AGROTECHNOLOGISCH ONDERZOEK (ATO-DLO) | 25/08/2006 | CHENNAI |
| 888 | 207312 | IN/PCT/2000/673/CHE | 14/05/1999 | 18/05/1998 | A PROCESS FOR PREPARING AN OPTIONALLY SUBSTITUTED 4-AMINODIPHENYLAMINE AND A PROCESS FOR PREPARING ALKYLATED DERIVATIVES OF THE SAME | FLEXSYS AMERICA L.P                                  | 25/08/2006 | CHENNAI |
| 889 | 207313 | IN/PCT/2000/679/CHE | 19/03/1999 | 19/05/1998 | METHOD AND DEVICE FOR THE CASTING OF METAL CLOSE TO FINAL DIMENSIONS                                                                 | SMS DEMAG AG                                         | 25/08/2006 | CHENNAI |
| 890 | 207314 | IN/PCT/2000/685/CHE | 20/05/1999 | 21/05/1998 | A METHOD OF LIQUEFYING A STREAM ENRICHED IN METHANE                                                                                  | SHELL INTERNATIONALE RESEARCH                        | 25/08/2006 | CHENNAI |

|     |        |                       |            |            |                                                                                                                     |                                                       |            |         |
|-----|--------|-----------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|---------|
|     |        |                       |            |            |                                                                                                                     | <b>MAATSCHAPPIJ B.V</b>                               |            |         |
| 891 | 207315 | IN/PCT/2000/734/CHE   | 28/05/1999 | 01/06/1998 | PROCESS FOR THE PREPARATION OF PROTECTED 3-AMINO-1,2-DIHYDROXYPROPANE ACETAL AND DERIVATIVES THEREOF                | <b>MICHIGAN STATE UNIVERSITY</b>                      | 25/08/2006 | CHENNAI |
| 892 | 207316 | IN/PCT/2000/739/CHE   | 31/05/1999 | 03/06/1998 | A PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING A VINYLAROMATIC POLYMER MATRIX SURROUNDING RUBBER NODULES | <b>ATOFINA</b>                                        | 25/08/2006 | CHENNAI |
| 893 | 207317 | IN/PCT/2000/768/CHE   | 12/04/2000 | 13/04/1999 | A METHOD OF PRODUCING BISPHENOL A                                                                                   | <b>IDEMITSU KOSAN CO,LTD</b>                          | 25/08/2006 | CHENNAI |
| 894 | 207318 | IN/PCT/2000/789/CHE   | 07/05/1999 | 12/06/1998 | A METHOD AND AN APPARATUS FOR DEVOLATILIZATION OF A THERMOPLASTIC POLYMER                                           | <b>DOW GLOBAL TECHNOLOGIES INC</b>                    | 25/08/2006 | CHENNAI |
| 895 | 207319 | IN/PCT/2000/850/CHE   | 23/06/1999 | 29/06/1998 | A PROCESS FOR REMOVING ACIDIC GAS CONSTITUENTS                                                                      | <b>BASF AKTIENGESELLSCHAFT</b>                        | 25/08/2006 | CHENNAI |
| 896 | 207320 | IN/PCT/2000/861/CHE   | 17/04/2000 | 23/04/1999 | A DIFFERENTIAL PRESSURE GAUGE                                                                                       | <b>GAMMON TECHNICAL PRODUCTS, INC</b>                 | 25/08/2006 | CHENNAI |
| 897 | 207321 | IN/PCT/2001/1046/CH E | 09/02/2000 | 12/02/1999 | DEVICE FOR PREVENTING UNCONTROLLED ACCELERATION OF AN ELEVATOR CAR INSTALLED IN AN ELEVATOR INSTALLATION            | <b>INVENTIO AG</b>                                    | 25/08/2006 | CHENNAI |
| 898 | 207322 | IN/PCT/2001/1047/CH E | 24/01/2000 | 12/02/1999 | A CORIOLIS FLOWMETER                                                                                                | <b>MICRO MOTION INC</b>                               | 25/08/2006 | CHENNAI |
| 899 | 207323 | IN/PCT/2001/1096/CH E | 20/01/2000 | 10/02/1999 | A CORIOLIS FLOWMETER                                                                                                | <b>MICRO MOTION INC</b>                               | 25/08/2006 | CHENNAI |
| 900 | 207324 | IN/PCT/2001/1108/CH E | 16/12/1999 | 25/01/1999 | EXHAUST EMISSION PURIFYING DEVICE OF INTERNAL COMBUSTION ENGINE                                                     | <b>TOYOTA JIDOSHA KABUSHIKI KAISHA</b>                | 25/08/2006 | CHENNAI |
| 901 | 207325 | IN/PCT/2001/1326/CH E | 30/03/2000 | 30/03/1999 | A HIGH VOLUME AEROSOL VALVE                                                                                         | <b>PRECISION VALVE CORPORATION</b>                    | 25/08/2006 | CHENNAI |
| 902 | 207326 | IN/PCT/2001/1360/CH E | 07/04/2000 | 08/04/1999 | A PROCESS OF PREPARING A CATALYST COMPOSITION                                                                       | <b>DOW GLOBAL TECHNOLOGIES INC</b>                    | 25/08/2006 | CHENNAI |
| 903 | 207327 | IN/PCT/2001/1427/CH E | 15/03/2000 | 19/03/1999 | CORIOLIS FLOWMETER WITH REDUCED DIMENSIONS                                                                          | <b>MICRO MOTION INC</b>                               | 25/08/2006 | CHENNAI |
| 904 | 207328 | IN/PCT/2001/1468/CH E | 27/04/2000 | 28/04/1999 | ABRASIVE JET DRILLING ASSEMBLY                                                                                      | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V</b> | 25/08/2006 | CHENNAI |
| 905 | 207329 | IN/PCT/2001/1469/CH E | 21/03/2000 | 30/03/1999 | RADIO APPARATUS AND CALIBRATION METHOD FOR ITS ANTENNA DIRECTIVITY                                                  | <b>SANYO ELECTRIC CO., LTD</b>                        | 25/08/2006 | CHENNAI |
| 906 | 207330 | IN/PCT/2002/585/CHE   | 20/10/2000 | 22/10/1999 | MEDICAL INJECTOR AND MEDICAMENT LOADING                                                                             | <b>ANTARES PHARMA, INC</b>                            | 03/02/2006 | CHENNAI |



|     |        |                      |            |            |                                                                                                                    |                                                       |            |         |
|-----|--------|----------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|---------|
|     |        |                      |            |            | SYSTEM FOR USE THEREWITH                                                                                           |                                                       |            |         |
| 907 | 207331 | 937/CHE/2003         | 17/11/2003 |            | A METHOD FOR MANUFACTURING METAL METHIONE HYDROXY ANALOGUE CHELATE                                                 | <b>SUNDAR CHEMICALS PRIVATE LIMITED</b>               | 28/04/2006 | CHENNAI |
| 908 | 207412 | IN/PCT/2001/621/CHE  | 29/10/1999 | 24/11/1998 | A PROCESS FOR PRODUCING MEDICINAL OILS AND MIDDLE DISTILLATES FROM HYDROCARBON FEEDS AND AN APPARATUS THEREFORE    | <b>INSTITUT FRANCAIS DU PETROLE</b>                   | 11/08/2006 | CHENNAI |
| 909 | 207413 | IN/PCT/2001/1694/CHE | 30/05/2000 | 03/06/1999 | A METHOD OF CREATING A WELLBORE IN AN EARTH FORMATION                                                              | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV</b>  | 25/08/2006 | CHENNAI |
| 910 | 207414 | IN/PCT/2001/1738/CHE | 07/06/2000 | 17/06/1999 | A METHOD OF INCREASING AND QUALITATIVELY MODIFYING THE CONTENT OF FLAVONOIDS AND PHENOLIC CONSTITUENTS             | <b>BASF AKTIENGESELLSCHAFT</b>                        | 25/08/2006 | CHENNAI |
| 911 | 207415 | IN/PCT/2001/265/CHE  | 27/08/1999 | 27/08/1998 | TRANSMISSION OF GSM CIRCUIT-SWITCHED DATA OVER A CDMA LINK                                                         | <b>QUALCOMM INCORPORATED</b>                          | 25/08/2006 | CHENNAI |
| 912 | 207416 | IN/PCT/2001/284/CHE  | 30/08/1999 | 02/09/1998 | A PANEL, A SEPARATION COLUMN AND A PROCESS FOR SEPARATING FLUIDS                                                   | <b>INSTITUT FRANCAIS DU PETROLE</b>                   | 25/08/2006 | CHENNAI |
| 913 | 207417 | IN/PCT/2001/297/CHE  | 10/08/1999 | 11/08/1998 | JET INJECTION DEVICE                                                                                               | <b>ANTARES PHARMA INC</b>                             | 25/08/2006 | CHENNAI |
| 914 | 207418 | IN/PCT/2001/329/CHE  | 07/09/1999 | 09/09/1998 | METHOD OF DETERMINING DRILL STRING STIFFNESS                                                                       | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V</b> | 25/08/2006 | CHENNAI |
| 915 | 207419 | IN/PCT/2001/388/CHE  | 20/09/1999 | 23/09/1998 | A PROCESS FOR PREPARING ETHYLENE OXIDE                                                                             | <b>BASF AKTIENGESELLSCHAFT</b>                        | 25/08/2006 | CHENNAI |
| 916 | 207420 | IN/PCT/2001/481/CHE  | 05/10/1999 | 06/10/1998 | A PROCESS FOR PRODUCING A POLYAMIDE                                                                                | <b>BASF AKTIENGESELLSCHAFT</b>                        | 25/08/2006 | CHENNAI |
| 917 | 207421 | IN/PCT/2001/534/CHE  | 22/09/1999 | 22/09/1998 | METHOD AND APPARATUS FOR WINDING A HELICAL PIPE FROM ITS INSIDE                                                    | <b>RIB LOC AUSTRALIA PTY. LTD</b>                     | 25/08/2006 | CHENNAI |
| 918 | 207422 | IN/PCT/2001/541/CHE  | 19/10/1999 | 19/10/1998 | A PROCESS FOR THE PRODUCTION OF LINEAR ALKYL BENZENES                                                              | <b>HUNTSMAN PETROCHEMICAL CORPORATION</b>             | 25/08/2006 | CHENNAI |
| 919 | 207423 | IN/PCT/2001/635/CHE  | 05/10/1999 | 13/10/1998 | PROCESS FOR THE SYNTHESIS OF 4-SUBSTITUTED N-[(ALK-2-EN-1-YL)OXY]- AND N-ARALKYLOXY- 2,2,6,6-TETRAALKYLPYPERIDINES | <b>CIBA SPECIALTY CHEMICALS HOLDING INC</b>           | 25/08/2006 | CHENNAI |
| 920 | 207424 | IN/PCT/2001/714/CHE  | 20/10/1999 | 26/10/1998 | A LIQUID DETERGENT COMPOSITION                                                                                     | <b>RECKITT BENCKISER N.V</b>                          | 25/08/2006 | CHENNAI |
| 921 | 207425 | IN/PCT/2001/725/CHE  | 22/11/1999 | 25/11/1998 | PROCESS FOR THE PREPERATION OF ALKANESULFONIC ACIDS                                                                | <b>BASF AKTIENGESELLSCHAFT</b>                        | 25/08/2006 | CHENNAI |
| 922 | 207426 | IN/PCT/2001/853/CHE  | 12/11/1999 | 22/12/1998 | A PROCESS FOR                                                                                                      | <b>ATOFINA</b>                                        | 25/08/2006 | CHENNAI |

|     |        |                      |            |            |                                                                                                                                                                        |                                                                  |            |         |
|-----|--------|----------------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------|---------|
|     |        |                      |            |            | MANUFACTURING HYDRAZINE BY HYDROLYSING AN AZINE                                                                                                                        |                                                                  |            |         |
| 923 | 207427 | IN/PCT/2001/881/CHE  | 20/11/1999 | 30/11/1998 | A PROCESS FOR THE PREPARATION OF ACYL PHOSPHINES ACYLPHOSPHINE OXIDES AND ACYLPHOSPHINE SULFIDES                                                                       | <b>CIBA SPECIALTY CHEMICALS HOLDING INC</b>                      | 25/08/2006 | CHENNAI |
| 924 | 207428 | IN/PCT/2001/916/CHE  | 29/12/1999 | 29/12/1999 | A METHOD FOR REMOVING CONDENSABLES FROM A NATURAL GAS STREAM UPSTREAM OF A WELLHEAD CHOKE AND A WELL COMPLETION SYSTEM FOR PRODUCING GAS FROM A SUBTERRANEAN FORMATION | <b>SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V</b>            | 25/08/2006 | CHENNAI |
| 925 | 207429 | IN/PCT/2002/1258/CHE | 02/01/2001 | 24/01/2000 | A METHOD FOR PREVENTING TAMPERING WITH SIGNAL CONDITIONING CIRCUITRY IN METER ELECTRONICS OF A CORIOLIS FLOWMETER                                                      | <b>MICRO MOTION INC</b>                                          | 25/08/2006 | CHENNAI |
| 926 | 207430 | IN/PCT/2002/284/CHE  | 29/08/2000 | 02/09/1999 | A PROCESS FOR MAKING A CONDENSATION PRODUCT OF A HYDROXYARYL AND A NON-CONJUGATED DIENE                                                                                | <b>BORDEN CHEMICAL, INC</b>                                      | 25/08/2006 | CHENNAI |
| 927 | 207431 | IN/PCT/2002/287/CHE  | 16/08/2000 | 25/08/1999 | A METHOD FOR THE DISPOSAL OF BIOSOLIDS                                                                                                                                 | <b>TERRALOG TECHNOLOGIES USA, INC, TERRALOG TECHNOLOGIES INC</b> | 25/08/2006 | CHENNAI |
| 928 | 207432 | IN/PCT/2002/671/CHE  | 10/11/2000 | 12/11/1999 | A PROCESS FOR THE PREPARATION OF A MACROCYCLIC LACTONE                                                                                                                 | <b>SYNGENTA PARTICIPATIONS AG</b>                                | 25/08/2006 | CHENNAI |
| 929 | 207433 | IN/PCT/2002/707/CHE  | 24/08/2000 | 24/08/2000 | AN ELECTROMAGNETIC VALVE FOR A VARIABLE DISCHARGE FUEL SUPPLY APPARATUS                                                                                                | <b>MITSUBISHI DENKI KABUSHIKI KAISHA</b>                         | 25/08/2006 | CHENNAI |
| 930 | 207434 | IN/PCT/2002/729/CHE  | 18/09/2001 | 18/09/2000 | A POLYMER ELECTROLYTE FUEL CELL WITH ENHANCED WATER REMOVAL PROPERTY                                                                                                   | <b>MITSUBISHI HEAVY INDUSTRIES LTD</b>                           | 25/08/2006 | CHENNAI |
| 931 | 207435 | IN/PCT/2002/775/CHE  | 18/10/2000 | 28/10/1999 | MULTIPHASE FLOW MEASUREMENT SYSTEM                                                                                                                                     | <b>MICRO MOTION INC</b>                                          | 25/08/2006 | CHENNAI |
| 932 | 207436 | IN/PCT/2002/836/CHE  | 25/10/2000 | 08/11/1999 | RADIO RECEIVING SYSTEM AND SYNCHRONIZATION DETECTION METHOD                                                                                                            | <b>SANYO ELECTRIC CO LTD</b>                                     | 25/08/2006 | CHENNAI |
| 933 | 207437 | IN/PCT/2002/926/CHE  | 16/10/2001 | 21/10/2000 | A VARIABLE DISPLACEMENT TURBINE                                                                                                                                        | <b>MITSUBISHI HEAVY INDUSTRIES LTD</b>                           | 25/08/2006 | CHENNAI |
| 934 | 207438 | 2186/MAS/1997        | 01/10/1997 | 02/10/1996 | A PROCESS FOR THE SELECTIVE PRODUCTION OF PARA-XYLENE                                                                                                                  | <b>MOBIL OIL CORPORATION</b>                                     | 11/08/2006 | CHENNAI |
| 935 | 207439 | 104/MAS/2002         | 08/02/2002 | 23/02/2001 | A SCREW RETENTION DEVICE AND A METHOD OF RETAINING A SCREW                                                                                                             | <b>SHIMANO INC</b>                                               | 01/09/2006 | CHENNAI |
| 936 | 207440 | 103/MAS/2002         | 08/02/2002 | 15/02/2001 | A BICYCLE SWITCH                                                                                                                                                       | <b>SHIMANO INC</b>                                               | 01/09/2006 | CHENNAI |

|     |        |               |            |            |                                                                                                                     |                                                     |            |         |
|-----|--------|---------------|------------|------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------|---------|
|     |        |               |            |            | ASSEMBLY                                                                                                            |                                                     |            |         |
| 937 | 207441 | 111/MAS/2003  | 07/02/2003 | 21/02/2002 | A CATIONIC ELECTRODEPOSITION COATING COMPOSITIONS                                                                   | KANSAI PAINT CO LTD                                 | 01/09/2006 | CHENNAI |
| 938 | 207442 | 1120/MAS/1999 | 16/11/1999 |            | A HIGH DENSITY HYBRID INTEGRATED CIRCUIT PACKAGE HAVING A FLIP-CON STRUCTURE AND A METHOD OF MANUFACTURING THE SAME | INDIAN SPACE RESEARCH ORGANISATION                  | 01/09/2006 | CHENNAI |
| 939 | 207443 | 123/MAS/2001  | 09/02/2001 | 10/02/2000 | A MULTIMEDIA COPY CONTROL METHOD FOR CONTROLLING A COPY OF A DIGITAL DATA RECORDING MEDIUM                          | MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD              | 01/09/2006 | CHENNAI |
| 940 | 207444 | 180/MAS/2001  | 01/03/2001 | 03/03/2000 | SWITCH STYLE BICYCLE SHIFT CONTROL DEVICE                                                                           | SHIMANO INC                                         | 01/09/2006 | CHENNAI |
| 941 | 207445 | 225/MAS/2001  | 13/03/2001 | 15/03/2000 | CABLE SAVER MECHANISM                                                                                               | SHIMANO(SINGAPORE)PRIVATE LIMITED                   | 01/09/2006 | CHENNAI |
| 942 | 207446 | 229/MAS/2001  | 14/03/2001 |            | A METHOD OF MANUFACTURE OF A SECURITY DOOR AND SUCH DOOR WHENEVER SO MANUFACTURED                                   | KUTTY FLUSH DOORS AND FURNITURE CO. PRIVATE LIMITED | 01/09/2006 | CHENNAI |
| 943 | 207447 | 24/MAS/2002   | 09/01/2002 |            | MOUNTING TYPE FEEDING DEVICE OF A NARROW FABRIC LOOM                                                                | CHEN-HUI LIN                                        | 01/09/2006 | CHENNAI |
| 944 | 207448 | 25/MAS/2001   | 08/01/2001 |            | A METHOD OF MANUFACTURE OF A FLUSH DOOR                                                                             | KUTTY FLUSH DOORS AND FURNITURE CO.PRIVATE LIMITED  | 01/09/2006 | CHENNAI |
| 945 | 207449 | 259/MAS/2001  | 21/03/2001 |            | A ROTARY ENGINE                                                                                                     | DIJI NEDUNGHAYIL JAYAKARAN                          | 01/09/2006 | CHENNAI |
| 946 | 207450 | 258/MAS/2000  | 05/04/2000 |            | A NOVEL POWDER METALLURGY CONNECTING ROD AND A METHOD OF PRODUCING THE SAME                                         | SUNDRAM FASTENERS LIMITED                           | 01/09/2006 | CHENNAI |
| 947 | 207451 | 266/MAS/2003  | 31/03/2003 |            | THE NOVEL PROCESS FOR MAKING PALATABLE BISCUIT FORMULATION OF CHYAVANAPRASHAM CONFECTION                            | THE ARYA VAIDYA PHARMACY (COIMBATORE)LIMIT ED       | 01/09/2006 | CHENNAI |
| 948 | 207452 | 271/MAS/2001  | 26/03/2001 |            | A METHOD AND AN APPARATUS FOR MANUFACTURING THIN WEBBED SOLID PROPELLANT GRAINS FOR PROPELLANT MOTORS               | INDIAN SPACE RESEARCH ORGANISATION                  | 01/09/2006 | CHENNAI |
| 949 | 207453 | 283/MAS/2003  | 02/04/2003 |            | IMPROVED CENTRAL DRIVE LINKAGE FOR CUTTING A CREASING MACHINE                                                       | SBL MACHINERY CO., LTD                              | 01/09/2006 | CHENNAI |
| 950 | 207454 | 303/MAS/2003  | 08/04/2003 | 09/04/2002 | TANDEM AXLE POWER DIVIDER ASSEMBLY WITH INBOARD SLIP DRIVESHAFT CONNECTION                                          | DANA CORPORATION                                    | 01/09/2006 | CHENNAI |
| 951 | 207455 | 310/MAS/2001  | 10/04/2001 |            | A WAVEGUIDE ROTARY JOINT                                                                                            | INDIAN SPACE RESEARCH ORGANISATION                  | 01/09/2006 | CHENNAI |

|     |        |              |            |            |                                                                                              |                                                      |            |         |
|-----|--------|--------------|------------|------------|----------------------------------------------------------------------------------------------|------------------------------------------------------|------------|---------|
| 952 | 207456 | 329/MAS/2001 | 23/04/2001 |            | A MACHINE FOR LIFTING HEAVY WEIGHTS                                                          | <b>R.SELVAM</b>                                      | 01/09/2006 | CHENNAI |
| 953 | 207457 | 331/MAS/2003 | 21/04/2003 |            | AN IMPROVED PROCESS FOR THE PREPARATION OF CITALOPRAM                                        | <b>NATCO PHARMA LIMITED</b>                          | 01/09/2006 | CHENNAI |
| 954 | 207458 | 361/MAS/2002 | 15/05/2002 | 17/05/2001 | A CYLINDER HEAD COOLING STRUCTURE FOR AN INTERNAL COMBUSTION ENGINE                          | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>            | 01/09/2006 | CHENNAI |
| 955 | 207459 | 383/MAS/2000 | 19/05/2000 | 21/05/1999 | AN OPEN TYPE ENGINE GENERATOR UNIT                                                           | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>            | 01/09/2006 | CHENNAI |
| 956 | 207460 | 395/MAS/2002 | 23/05/2002 |            | A METHOD OF ISOLATING PROGENITORS LIVER CELLS AND THEIR TRANS-DIFFERENTIATION THEREOF        | <b>CENTRE FOR LIVER RESEARCH AND DIAGNOSTICS</b>     | 01/09/2006 | CHENNAI |
| 957 | 207461 | 4/MAS/2002   | 03/01/2002 |            | INTERNAL LOCKING MECHANISM FOR HYDRAULIC ACTUATOR USING SPHERICAL ENDED CYLINDRICAL PLUNGERS | <b>HINDUSTAN AERONAUTICS LTD</b>                     | 01/09/2006 | CHENNAI |
| 958 | 207519 | 40/MAS/2003  | 14/01/2003 | 17/01/2002 | A PROCESS FOR THE HETEROGENEOUS CATALYTIC HYDROGENATION OF AN AROMATIC AMINE                 | <b>AIR PRODUCTS AND CHEMICALS,INC</b>                | 01/09/2006 | CHENNAI |
| 959 | 207520 | 424/MAS/1997 | 03/03/1997 | 05/03/1996 | A PROCESS FOR PREPARING A URETHANE FOAM FOR SHOE SOLES                                       | <b>KAO CORPORATION</b>                               | 01/09/2006 | CHENNAI |
| 960 | 207521 | 432/MAS/2003 | 26/05/2003 | 28/05/2002 | CARBON CONTAINING NONFIRED AGGLOMERATED ORE COMPOSITION AND A METHOD FOR PRODUCING THE SAME  | <b>TETSUGEN CORPORATION,NIPPON STEEL CORPORATION</b> | 01/09/2006 | CHENNAI |

## PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT

Following Patents have been granted and any “person interested” in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

| Serial Number | Patent Number | Application Number    | Date of Application | Date of Priority | Title of Invention                                                                   | Name of Patentee                        | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
|---------------|---------------|-----------------------|---------------------|------------------|--------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------|--------------------|
| 1             | 205328        | 288/MUMNP/2003        | 29/08/2001          | 07/09/2000       | PROCESS FOR PRODUCING TOMATO FLAKES                                                  | <b>HINDUSTAN LEVER LIMITED</b>          | 15/07/2005                                | MUMBAI             |
| 2             | 205329        | 597/MUM/2003          | 10/06/2003          |                  | A PROCESS FOR THE SELECTIVE ISOLATION OF 2-MERCAPTO-6-HALOBENZOIC ACID               | <b>GODREJ AGROVET LIMITED</b>           | 11/02/2005                                | MUMBAI             |
| 3             | 205330        | 761/MUM/2001          | 07/08/2001          |                  | A WATER PURIFICATION SYSTEM                                                          | <b>HINDUSTAN LEVER LIMITED</b>          | 06/05/2005                                | MUMBAI             |
| 4             | 205331        | 876/MUM/2003          | 01/09/2003          |                  | AN IMPROVED HYDRAULIC GEAR MACHINE                                                   | <b>MAHINDRA &amp; MAHINDRA LTD</b>      | 10/06/2005                                | MUMBAI             |
| 5             | 205332        | 57/MUM/2003           | 15/01/2003          |                  | A DIESEL ENGINE WITH BALANCE SHAFT ASSISTED CRANKSHAFT                               | <b>CHHAGANBHAI GORDHANBHAI DODIYA</b>   | 05/05/2006                                | MUMBAI             |
| 6             | 205333        | 823/MUM/2003          | 18/08/2003          |                  | PROCESS FOR PREPARATION OF BOVINE OESTROGEN CONJUGATES                               | <b>ALKEM LABORATORIES LTD.</b>          | 30/12/2005                                | MUMBAI             |
| 7             | 205334        | IN/PCT/2000/00298/MUM | 19/03/1999          | 20/03/1998       | AN APPARATUS FOR REMOVING AND RECOVERING POLYMERIZATION LIQUID MEDIUM FROM A POLYMER | <b>EXXONMOBIL CHEMICAL PATENTS INC.</b> | 15/07/2005                                | MUMBAI             |
| 8             | 205335        | 49/MUMNP/2003         | 31/07/2001          | 01/08/2000       | A TENSIONING IDLER                                                                   | <b>THE GATES CORPORATION</b>            | 04/02/2005                                | MUMBAI             |
| 9             | 205336        | 1263/MUM/2003         | 11/12/2003          |                  | LINEARLY RECIPROCATING BOTTLE BLOWING SYSTEM AND ITS BLOWING METHOD                  | <b>TSAI-SHUN CHANG</b>                  | 10/06/2005                                | MUMBAI             |
| 10            | 205337        | 580/MUMNP/2003        | 11/12/2001          | 20/12/2000       | AN APPARATUS FOR CONVEYING A PLATE-LIKE PRODUCT FROM ONE POSITION TO ANOTHER         | <b>OUTOKUMPU OYJ</b>                    | 24/06/2005                                | MUMBAI             |
| 11            | 205338        | 807/MUMNP/2003        | 12/03/2002          | 12/03/2001       | INNER RACE IDLER PULLEY TENSIONER                                                    | <b>THE GATES CORPORATION</b>            | 24/06/2005                                | MUMBAI             |
| 12            | 205339        | 307/MUM/2003          | 26/03/2003          |                  | COMPACT DRY TRANS FORMER                                                             | <b>CROMPTON GREAVES LTD,</b>            | 20/01/2006                                | MUMBAI             |
| 13            | 205340        | 00320/MUMNP/2003      | 01/01/1900          | 14/09/2000       | A PROCESS OF GASEOUS ACID                                                            | <b>INTERNATIONAL FURAN</b>              | 11/02/2005                                | MUMBAI             |

|    |        |                  |            |            |                                                                                                                                                                     |                                                                                       |            |        |
|----|--------|------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|--------|
|    |        |                  |            |            | CATALYSIS                                                                                                                                                           | TECHNOLOGY (PTY) LTD                                                                  |            |        |
| 14 | 205341 | 00941/MUMNP/2003 | 01/01/1900 | 08/03/2001 | PROCESS FOR MAKING A REDUCED-CALORIE FRUIT AND/OR VEGETABLE SPREAD                                                                                                  | BOCABEAR FOODS, INC.                                                                  | 18/02/2005 | MUMBAI |
| 15 | 205342 | 178/MUMNP/2003   | 24/08/2001 | 25/08/2000 | DEVICE FOR SUPPORTING A CONVEYOR BELT USED IN THE CONTINUOUSLY OPERATED THERMAL TREATMENT i.e. SINTERING OF A MATERIAL BED                                          | OUTOKUMPU OYJ                                                                         | 11/02/2005 | MUMBAI |
| 16 | 205343 | 426/MUMNP/2003   | 16/11/2001 | 17/11/2000 | A DEVICE FOR MOVING THE BELT OF A BELT CONVEYOR USED IN CONTINUOUSLY OPERATED BELT SINTERING                                                                        | OUTOKUMPU OYJ                                                                         | 11/02/2005 | MUMBAI |
| 17 | 205344 | 303/MUMNP/2003   | 27/09/2001 | 29/09/2000 | METHOD AND APPARATUS FOR AUTOMATIC CASTING OF METAL INGOTS                                                                                                          | OUTOKUMPU OYJ                                                                         | 11/02/2005 | MUMBAI |
| 18 | 205345 | 177/MUMNP/2003   | 24/08/2001 | 25/08/2000 | METHOD FOR OPTICALLY MEASURING AND CONTROLLING THE SURFACE HEIGHT OF A MATERIAL BED TRANSPORTED ON A CONVEYOR BELT TO THERMAL TREATMENT                             | OUTOKUMPU OYJ                                                                         | 15/07/2005 | MUMBAI |
| 19 | 205346 | 290/MUM/2003     | 20/03/2003 |            | A PROCESS FOR MANUFACTURING GOLD METAL NANOPARTICLES                                                                                                                | AGHARKAR RESEARCH INSTITUTE OF MAHARASHTRA ASSOCIATION FOR THE CULTIVATION OF SCIENCE | 04/02/2005 | MUMBAI |
| 20 | 205347 | 586/MUMNP/2003   | 25/07/2001 | 25/07/2001 | AN IMPROVED METHOD FOR PREPARATION OF CEFUROXIME AXETIL                                                                                                             | LUPIN LIMITED                                                                         | 24/06/2005 | MUMBAI |
| 21 | 205348 | 1068/MUM/2003    | 15/10/2003 |            | INTERACTIVE SYSTEM FOR BUILDING AND SHARING ONE'S OWN DATABANK OF WISDOM BYTES SUCH AS WORDS OF WISDOM BASIC TRUTHS AND/OR FACTS AND FEATS IN ONE OR MORE LANGUAGES | GAUTAM DHARAMDAS GORADIA                                                              | 10/06/2005 | MUMBAI |

|    |        |                |            |            |                                                                                                                                                                       |                                                     |            |        |
|----|--------|----------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------|--------|
| 22 | 205349 | 00982/MUM/2003 | 19/09/2003 |            | VOLTAGE TRACKING DEVICE FOR ROBOTIC WELDING STATION FOR VEHICLES                                                                                                      | <b>TATA MOTORS LIMITED</b>                          | 10/06/2005 | MUMBAI |
| 23 | 205350 | 407/MUMNP/2003 | 14/09/2001 | 15/09/2000 | METHOD OF PREPARING PARTICULATE CROSSLINKED POLYMER                                                                                                                   | <b>PPG INDUSTRIES OHIO, INC.</b>                    | 15/07/2005 | MUMBAI |
| 24 | 205351 | 415/MUMNP/2003 | 01/01/1900 | 19/10/2000 | A METHOD FOR PREPARATION OF PACLITAXEL LIPOSOME COMPOSITION FOR TREATMENT OF CANCER                                                                                   | <b>NANJING ZHENZHONG BIOENGINEERING COMPANY LTD</b> | 11/02/2005 | MUMBAI |
| 25 | 205352 | 346/MUMNP/2003 | 27/09/2001 | 03/10/2000 | COSMETIC AND PERSONAL CARE COMPOSITION                                                                                                                                | <b>HINDUSTAN LEVER LIMITED</b>                      | 15/07/2005 | MUMBAI |
| 26 | 205353 | 162/MUM/2003   | 06/02/2003 |            | PROCEDURE FOR THE PRODUCTION OF SEVERAL FOLDS MORE BIOGAS WITH A HIGHER CALORIFIC VALUE AT AMBIENT TEMPERATURES (25-370C) AS WELL AS AT LOW TEMPERATURES (BELOW 150C) | <b>AGHARKAR RESEARCH INSTITUTE</b>                  | 04/02/2005 | MUMBAI |
| 27 | 205354 | 664/MUMNP/2003 | 29/01/2002 | 31/01/2001 | AN APPARATUS FOR USE IN SAMPLING MATERIAL ON-LINE IN A PROSESS SYSTEM                                                                                                 | <b>ASTRAZENECA AB</b>                               | 24/06/2005 | MUMBAI |
| 28 | 205356 | 627/MUMNP/2003 | 28/11/2001 | 15/12/2000 | UNIDIRECTIONAL COUNTER                                                                                                                                                | <b>LANDIS+GYR AG</b>                                | 24/06/2005 | MUMBAI |
| 29 | 205357 | 575/MUMNP/2003 | 10/12/2001 | 10/12/2001 | A DEVICE FOR WELDING A NUT OR THE LIKE                                                                                                                                | <b>KABUSHIKI KAISHA SMK</b>                         | 24/06/2005 | MUMBAI |
| 30 | 205358 | 896/MUMNP/2003 | 05/04/2002 | 09/04/2001 | AUTOMATIC SIGNALING DEVICE FOR AUTOMOBILES                                                                                                                            | <b>DEL ESTAL VILLAR</b>                             | 18/02/2005 | MUMBAI |
| 31 | 205359 | 382/MUM/2003   | 17/04/2003 |            | A PROCESS FOR MANUFACTURE OF SUBSTITUTED BENZIMIDAZOLES                                                                                                               | <b>M/S. IPCA LABORATORIES LIMITED</b>               | 15/07/2005 | MUMBAI |
| 32 | 205360 | 186/MUM/2003   | 13/02/2003 |            | KEY CASE                                                                                                                                                              | <b>VIP INDUSTRIES LIMITED</b>                       | 04/02/2005 | MUMBAI |
| 33 | 205361 | 772/MUMNP/2003 | 08/03/2002 | 09/03/2001 | A QUICK CONNECT COUPLING FOR CONNECTING A FLEXIBLE HOSE TO A FIXTURE                                                                                                  | <b>THE GATES CORPORATION</b>                        | 24/06/2005 | MUMBAI |
| 34 | 205362 | 1082/MUM/2002  | 03/12/2002 |            | TUBE-TUBE HEAT EXCHANGERS                                                                                                                                             | <b>INDIAN INSTITUTE OF TECHNOLOGY</b>               | 28/01/2005 | MUMBAI |
| 35 | 205363 | 1245/MUM/2003  | 05/12/2003 |            | INTERLOCKING INTRAMEDULLARY                                                                                                                                           | <b>DR. KANTIAL PANNALAL DAGA</b>                    | 10/06/2005 | MUMBAI |



|    |        |                 |            |            |                                                                                                                                                           |                                                      |            |        |
|----|--------|-----------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------|--------|
|    |        |                 |            |            | NAIL FOR UNION OF FRACTURE OF TIBIA                                                                                                                       |                                                      |            |        |
| 36 | 205364 | 596/MUMNP/2003  | 06/12/2001 | 06/12/2001 | LAUNDRY TREATMENT COMPOSITION                                                                                                                             | <b>HINDUSTAN LEVER LIMITED</b>                       | 24/06/2005 | MUMBAI |
| 37 | 205365 | 1074/MUMNP/2003 | 21/06/2002 | 29/06/2001 | APPARATUS FOR AUTOMATIC REPLACEMENT OF CORRUPTED BIOS IMAGE                                                                                               | <b>INTEL CORPORATION</b>                             | 26/08/2005 | MUMBAI |
| 38 | 205366 | 227/MUM/2004    | 25/02/2004 |            | IMPROVED BATTERY OPERATED VEHICLE                                                                                                                         | <b>HEMANT GOPAL LODHI</b>                            | 05/05/2004 | MUMBAI |
| 39 | 205367 | 954/MUM/2002    | 01/11/2002 |            | COSMETIC STICK PRODUCT COMPRISING A COSMETIC STICK COMPOSITION AND A COATING                                                                              | <b>HINDUSTAN LEVER LIMITED</b>                       | 13/05/2005 | MUMBAI |
| 40 | 205368 | 941/MUM/2002    | 30/10/2002 |            | AN APPARATUS FOR TESTING THE DECORATIVE AUTOMOTIVE COMPONENTS FOR COMBINED EFFECTS OF CHEMICALS AND MECHANICAL WIPING                                     | <b>MAHINDRA &amp; MAHINDRA LTD.</b>                  | 04/09/2004 | MUMBAI |
| 41 | 205369 | 1206/MUM/2003   | 21/11/2003 |            | A SYSTEM FOR MINIMIZING NUMBER OF EXTERNAL CONNECTION SLOTS IN ELECTRONIC DEVICE                                                                          | <b>INVENTEC MULTIMEDIA &amp; TELECOM CORPORATION</b> | 10/06/2005 | MUMBAI |
| 42 | 205370 | 925/MUM/2003    | 08/09/2003 |            | PROCESS TO MANUFACTURE DISPERSIBLE TABLET                                                                                                                 | <b>L. M. COLLEGE OF PHARMACY</b>                     | 10/06/2005 | MUMBAI |
| 43 | 205371 | 489/MUM/2003    | 14/05/2003 |            | INTERACTIVE SYSTEM FOR BUILDING AND SHARING ONE'S OWN DATABANK OF THE TEXT AND OTHER RELATED INFORMATION OF MUSICAL COMPOSITIONS IN ONE OR MORE LANGUAGES | <b>GAUTAM DHARAMDAS GORADIA</b>                      | 11/02/2005 | MUMBAI |
| 44 | 205372 | 578/MUMNP/2003  | 11/12/2001 | 20/12/2000 | A METHOD FOR THE PRODUCTION OF A LAYERED METAL SLAB BY CASTING                                                                                            | <b>OUTOKUMPU OYJ</b>                                 | 24/06/2005 | MUMBAI |
| 45 | 205373 | 774/MUMNP/2003  | 08/03/2002 | 09/03/2001 | ARRANGEMENT AND METHOD FOR REDUCING BUILD-UP ON A ROASTING                                                                                                | <b>OUTOKUMPU OYJ</b>                                 | 24/06/2005 | MUMBAI |



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|    |        |                       |            |            | FURNACE GRATE                                                                            |                                                    |            |        |
| 46 | 205374 | 1188/MUM/2003         | 17/11/2003 |            | ELECTRONICALLY CONTROLLED UNDER VOLTAGE RELEASE DEVICE USED WITH CIRCUIT BREAKERS        | <b>LARSEN &amp; TOUBRO LIMITED</b>                 | 10/06/2005 | MUMBAI |
| 47 | 205381 | 423/MUMNP/2003        | 13/11/2001 | 15/11/2000 | METHOD FOR THE STABILIZATION OF A FLUIDIZED BED IN A ROASTING FURNACE                    | <b>OUTOKUMPU OYJ</b>                               | 11/02/2005 | MUMBAI |
| 48 | 205382 | 986/MUM/2003          | 19/09/2003 |            | POWER SAVING DEVICE FOR DC ARC WELDING MACHINE                                           | <b>TATE MOTORS LIMITED</b>                         | 15/07/2005 | MUMBAI |
| 49 | 205383 | IN/PCT/2002/00182/MUM | 16/08/2000 | 16/08/1999 | A PACKET SWITCHED NETWORK                                                                | <b>INTERNAP NETWORK SERVICES CORPORATION</b>       | 15/07/2005 | MUMBAI |
| 50 | 205402 | IN/PCT/2001/1441/MUM  | 19/11/2001 | 20/05/1999 | CELLULAR TLE COMMUNICATIONS NETWORK                                                      | <b>TELEFONAKTIEBO LAGET LM ERICSSON</b>            | 17/06/2005 | MUMBAI |
| 51 | 205405 | 355/MUM/2002          | 17/04/2002 |            | A PROCESS OF PRODUCING A SUSTAINED RELEASE TRIMETAZIDINE DIHYDRACHLORIDE COMPOSITION     | <b>USV LIMITED</b>                                 | 13/05/2005 | MUMBAI |
| 52 | 205406 | 8/MUM/2001            | 02/01/2001 | 17/01/2000 | A SUBSTITUTED ARYL KETONE AND A PROCESS FOR PREPARING THE SAME                           | <b>BAYER AKTIENGESELLSCHAFT</b>                    | 04/03/2005 | MUMBAI |
| 53 | 205407 | 978/MUMNP/2003        | 22/04/2002 | 20/04/2001 | LINEAR GUIDE                                                                             | <b>IGUS SPRITZGUSSTEILE FÜR DIE INDUSTRIE GMBH</b> | 24/06/2005 | MUMBAI |
| 54 | 205408 | 395/MUMNP/2003        | 16/10/2001 | 16/10/2000 | AN ELECTRONIC CIRCUIT MODULE                                                             | <b>LEGACY ELECTRONICS, INC.</b>                    | 05/05/2006 | MUMBAI |
| 55 | 205409 | 1291/MUM/2003         | 19/12/2003 |            | PROCESS FOR PREPARATION OF CARBONIC ACID ESTERS FROM DIETHANOLAMINE AND POLYMERS THEREOF | <b>THE REGISTRAR, GOA UNIVERSITY</b>               | 05/05/2006 | MUMBAI |
| 56 | 205410 | 1021/MUMNP/2003       | 03/05/2002 | 11/05/2001 | COSMETIC CREAM CLEANSER                                                                  | <b>HINDUSTAN LEVER LIMITED</b>                     | 24/06/2005 | MUMBAI |
| 57 | 205411 | 277/MUM/2003          | 13/03/2003 |            | INSECT WATER TRAP                                                                        | <b>PEST CONTROL (INDIA) PRIVATE LIMITED</b>        | 20/01/2006 | MUMBAI |
| 58 | 205412 | 956/MUMNP/2003        | 29/04/2002 | 29/04/2002 | A METHOD FOR PREPARING A LIQUID PHARMACEUTICAL COMPOSITION                               | <b>WARNER-LAMBERT COMPANY LLC</b>                  | 10/06/2005 | MUMBAI |
| 59 | 205413 | 975/MUM/2003          | 18/09/2003 |            | METHOD FOR PRODUCING GEARS                                                               | <b>MAHINDRA &amp; MAHINDRA LTD</b>                 | 10/06/2005 | MUMBAI |

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|    |        |                  |            |            | AND / OR SHAFT COMPONENTS WITH SUPERIOR BENDING FATIGUE STRENGTH AND PITTING FATIGUE LIFE FROM CONVENTIONAL ALLOY STEELS |                                                                                           |            |        |
| 60 | 205414 | 579/MUMNP/2003   | 11/12/2001 | 20/12/2000 | METHOD AND APPARATUS FOR FEEDING SOLID MATERIAL AND OXIDIZING GAS INTO A SUSPENSION SMELTING FURNACE                     | <b>OUTOKUMPU OYJ</b>                                                                      | 24/06/2005 | MUMBAI |
| 61 | 205415 | 01000/MUMNP/2003 | 25/04/2002 | 15/05/2001 | A PROCESS FOR MANUFACTURING A PHARMACEUTICAL FORMULATION IN SODIUM PLENYTOIN DOSAGE FORM                                 | <b>WARNER-LAMBERT COMPANY LLC</b>                                                         | 24/06/2005 | MUMBAI |
| 62 | 205416 | 922/MUMNP/2003   | 29/04/2002 | 30/04/2001 | A PROCESS OF PREPARING PHARMACEUTICAL LY ACTIVE URIDINE ESTERS                                                           | <b>TROMMSDORFF GMBH &amp; CO. KG ARZNEIMITTEL</b>                                         | 18/02/2005 | MUMBAI |
| 63 | 205417 | 00769/MUM/2003   | 06/08/2003 |            | CHANNEL PLATE ADAPTER FOR AN OPEN-END ROTOR SPINNING EQUIPMENT                                                           | <b>SAURER GMBH &amp; CO., KG.</b>                                                         | 18/02/2005 | MUMBAI |
| 64 | 205418 | 41/MUMNP/2003    | 06/07/2001 | 07/07/2000 | A VENTILATING DEVICE AND A BUILDING COMPRISING SUCH A VENTILATING DEVICE                                                 | <b>CONVEC APS</b>                                                                         | 04/02/2005 | MUMBAI |
| 65 | 205419 | 792/MUMNP/2003   | 05/02/2002 | 28/02/2001 | PROCESS FOR MAKING A PERSONAL CLEANSING COMPOSITION HAVING DESIRABLE MOISTURIZING PROPERTIES                             | <b>HINDUSTAN LEVER LIMITED</b>                                                            | 24/06/2005 | MUMBAI |
| 66 | 205420 | 544/MUMNP/2003   | 07/12/2001 | 08/12/2000 | METHOD FOR THE HYDROLYTIC PRECIPITATION OF IRON                                                                          | <b>OUTOKUMPU OYJ</b>                                                                      | 11/11/2005 | MUMBAI |
| 67 | 205421 | 371/MUM/2003     | 16/04/2003 | 11/05/2002 | PLASTIC FILM                                                                                                             | <b>HUHTAMAKI RONSBERG ZWEIGNIEDERLAS SUNG DER HUHTAMAKI DEUTSCHLAND GMBH &amp; CO KG.</b> | 11/02/2005 | MUMBAI |
| 68 | 205422 | 969/MUMNP/2003   | 21/03/2002 | 17/04/2001 | METHOD AND SYSTEM FOR                                                                                                    | <b>HINDUSTAN LEVER LIMITED</b>                                                            | 24/06/2005 | MUMBAI |

|    |        |                       |            |            |                                                                                                         |                                         |            |        |
|----|--------|-----------------------|------------|------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|--------|
|    |        |                       |            |            | MONITORING THE POSITION OF A TOOTH BRUSH RELATIVE TO TEETH OF A SUBJECT                                 |                                         |            |        |
| 69 | 205423 | IN/PCT/2002/00802/MUM | 13/12/2000 | 13/12/1999 | PROCESS OF MAKING POLYMERIZABLE POLYOL (ALLYL CARBONATE) COMPOSITIONS                                   | PPG INDUSTRIES OHIO, INC.               | 13/03/2004 | MUMBAI |
| 70 | 205424 | 882/MUMNP/2003        | 12/04/2002 | 12/04/2001 | A BELT                                                                                                  | THE GATES CORPORATION                   | 15/07/2005 | MUMBAI |
| 71 | 205425 | 877/MUMNP/2003        | 18/03/2002 | 21/03/2001 | AN APPARATUS FOR USE IN QUANTITATIVE ANALYSIS OF A TURBID PHARMACEUTICAL SAMPLE                         | ASTRAZENECA AB                          | 15/07/2005 | MUMBAI |
| 72 | 205426 | 940/MUMNP/2003        | 30/03/2002 | 06/04/2001 | METHOD AND SYSTEM (EQUIPMENT) FOR OBTAINING ANIMAL FEED FROM EXTRACTION MEAL FROM SUNFLOWER SEEDS       | WALTER, ULRICH                          | 24/06/2005 | MUMBAI |
| 73 | 205427 | 543/MUMNP/2003        | 07/12/2001 | 08/12/2000 | METHOD FOR REMOVING MERCURY FROM A GAS MIXTURE                                                          | OUTOKUMPU OYJ                           | 11/11/2005 | MUMBAI |
| 74 | 205428 | 12/MUM/2003           | 06/01/2003 |            | A ROOF VENTILATOR                                                                                       | JASHWANTLAL NARANDAS SHAH               | 04/02/2005 | MUMBAI |
| 75 | 205429 | 833/MUMNP/2003        | 19/04/2002 | 20/04/2001 | A RECEIVER FOR A SYSTEM COMPRISING A DEMODULATOR AND A METHOD FOR DEMODULATING A DATA SEQUENCE          | TELEFONAKTIEBO LAGET LM ERICSSON (PUBL) | 15/07/2005 | MUMBAI |
| 76 | 205430 | 461/MUM/2003          | 18/01/2001 |            | PROCESS FOR PREPARATION OF SKIN CARE COMPOSITION BY COMBINING MICRO-NUTRIENTS WITH AYURVEDIC SUBSTANCES | MATHURAKAVI SRINIVASA RAGHAVAN AYYANGAR | 11/02/2005 | MUMBAI |
| 77 | 205431 | 932/MUMNP/2003        | 24/04/2002 | 05/04/2001 | USE OF HOP COMPONENTS IN FOODS                                                                          | HINDUSTAN LEVER LIMITED                 | 24/06/2005 | MUMBAI |
| 78 | 205432 | 753/MUMNP/2003        | 23/04/2002 | 23/04/2001 | MULTI-STAGE CENTRIFUGAL COMPRESSOR                                                                      | EARNEST PACIFIC LIMITED                 | 18/02/2005 | MUMBAI |
| 79 | 205433 | 457/MUM/2003          | 12/05/2003 |            | PROCESS FOR PREPARATION OF SKIN CARE COMPOSITION BY COMBINING                                           | MATHURAKAVI SRINIVASA RAGHAVAN AYYANGAR | 11/02/2005 | MUMBAI |

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|----|--------|-----------------------|------------|------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------|--------|
|    |        |                       |            |            | MICRO-NUTRIENTS WITH AYURVEDIC SUBSTANCES                                                                      |                                               |            |        |
| 80 | 205434 | 1010/MUMNP/2003       | 16/05/2002 | 18/05/2001 | A PROCESS FOR PREPARING A 4-[PHENYL-PIPERIDIN-4-YLIDENE-METHYL)-BENZAMIDE DERIVATIVES                          | <b>ASTRAZENECA AB</b>                         | 24/06/2005 | MUMBAI |
| 81 | 205435 | IN/PCT/2002/00566/MUM | 29/11/2000 | 08/12/1999 | A POWER DISTRIBUTION DEVICE AND METHOD THEREFOR                                                                | <b>MEDERIO AG</b>                             | 28/02/2004 | MUMBAI |
| 82 | 205436 | 971/MUMNP/2003        | 16/04/2002 | 18/04/2001 | DETERGENT BAR COMPOSITIONS COMPRISING ANIONIC SURFACTANT SOAP HYDROXY ACID SALT AND FILLER                     | <b>HINDUSTAN LEVER LIMITED</b>                | 24/06/2005 | MUMBAI |
| 83 | 205437 | 1055/MUMNP/2003       | 10/02/2003 | 11/02/2002 | A BELT DRIVE SYSTEM AND A METHOD FOR ADJUSTING A VIBRATION IN A BELT DRIVE SYSTEM                              | <b>THE GATES CORPORATION</b>                  | 24/06/2005 | MUMBAI |
| 84 | 205438 | 854/MUMNP/2003        | 21/03/2002 | 24/03/2001 | GATE VALVE                                                                                                     | <b>DANFOSS ESCO AS</b>                        | 15/07/2005 | MUMBAI |
| 85 | 205439 | 273/MUM/2003          | 12/03/2003 |            | SPEECH ENCODING AND DECODING SYSTEM                                                                            | <b>INDIAN INSTITUTE OF TECHNOLOGY</b>         | 04/02/2005 | MUMBAI |
| 86 | 205450 | IN/PCT/2001/01075/MUM | 01/02/2000 | 10/03/1999 | A SYSTEM FOR & METHOD OF GENERATING POWER                                                                      | <b>WADER LLC</b>                              | 17/06/2005 | MUMBAI |
| 87 | 205451 | 311/MUM/2003          | 28/03/2003 |            | A METHOD FOR THE PREPARATION OF A KIT FOR DETECTING HEPATITIS B VIRUS (HBV) NUCLEIC ACID IN BIOLOGICAL SAMPLES | <b>RELIANCE LIFE SCIENCES PRIVATE LIMITED</b> | 04/02/2005 | MUMBAI |
| 88 | 205452 | 157/MUMNP/2003        | 29/06/2001 | 09/08/2000 | DEVICE FOR PROTECTING A SYRINGE NEEDLE                                                                         | <b>SANOFI-SYNTHELABO</b>                      | 04/02/2005 | MUMBAI |
| 89 | 205453 | 868/MUM/2002          | 03/10/2002 |            | PROCESS FOR MANUFACTURE OF WATER-SOLUBLE SUBSTANTIVE UV-ABSORBING POLYMERS                                     | <b>GALAXY SURFACTANTS LIMITED</b>             | 05/05/2006 | MUMBAI |
| 90 | 205454 | 681/MUMNP/2003        | 07/01/2002 | 08/01/2001 | AN IMPROVED DEVICE FOR ADMINISTERING ORALLY OR NASALLY METERED MEDICINAL                                       | <b>CIPLA LIMITED</b>                          | 24/06/2005 | MUMBAI |

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|     |        |                  |            |            | COMPOSITION BY INHALATION                                                       |                                                |            |        |
| 91  | 205455 | 00018/MUM/2003   | 06/01/2003 |            | AN AUTO FEEDING MECHANISM FOR CARRYING THIN PRODUCTS STANDING ON THEIR          | <b>MULTI PACK SYSTEMS PVT. LTD</b>             | 13/12/2005 | MUMBAI |
| 92  | 205456 | 771/MUMNP/2003   | 07/03/2002 | 29/03/2001 | A BUILDING HEATING INSTALLATIO NS                                               | <b>MOLE THERM HOLDING AG</b>                   | 18/02/2005 | MUMBAI |
| 93  | 205457 | 01127/MUMNP/2003 | 14/05/2002 | 14/05/2001 | A CONTAINER WITH WATER SOLUBLE ENCAPSULATE AND A METHOD FOR MAKING THE SAME     | <b>AQUASOL LIMITED</b>                         | 21/10/2005 | MUMBAI |
| 94  | 205458 | 01145/MUMNP/2003 | 01/01/1900 |            | CHECK VALVE FLOOR DRAIN                                                         | <b>HUBER, DONALD, G.</b>                       | 18/02/2005 | MUMBAI |
| 95  | 205459 | 00750/MUMNP/2003 | 01/01/1900 | 14/02/2001 | APPARATUS FOR DETERMINING THE FILING LEVEL OF A PRODUCT IN A CONTAINER          | <b>ENDRESS+HAUSER GMBH+CO. KG</b>              | 24/06/2005 | MUMBAI |
| 96  | 205460 | 58/MUM/2002      | 22/01/2002 |            | GROOVED ROLLED THREAD FLANGE                                                    | <b>SUDERSHAN MADHOPRASAD SARAF</b>             | 04/08/2006 | MUMBAI |
| 97  | 205461 | 749/MUMNP/2003   | 04/01/2002 | 14/02/2001 | A LEVEL-MEASURING DEVICE OPERATING WITH MICROWAVES                              | <b>ENDRESS+HAUSER GMBH+CO. KG</b>              | 24/06/2005 | MUMBAI |
| 98  | 205462 | 1221/MUM/2003    | 27/11/2003 |            | MAGNETIC FIELD CONCENTRATOR DEVICE USED FOR CONDUCTIVE FLUID OR GAS TREATMENT   | <b>PATEL AMITBHAI POPATBHAI</b>                | 10/06/2005 | MUMBAI |
| 99  | 205463 | 1133/MUMNP/2003  | 17/06/2002 | 03/07/2001 | WATER-TREATING DEVICE                                                           | <b>ULIANOV, ANDREY NIKOLAEVICH</b>             | 18/02/2005 | MUMBAI |
| 100 | 205464 | 1179/MUMNP/2003  | 11/07/2002 | 13/07/2001 | PROCESS FOR PRODUCING PULP                                                      | <b>CHEMPOLIS OY</b>                            | 18/02/2005 | MUMBAI |
| 101 | 205465 | 96/MUMNP/2003    | 28/05/2002 | 31/05/2001 | ENERGY-ABSORBING DEVICE FOR THE END OF RAIL VEHICLES                            | <b>VOITH TURBO SCHARFENBERG GMBH &amp; CO.</b> | 04/02/2005 | MUMBAI |
| 102 | 205466 | 462/MUMNP/2003   | 05/12/2001 | 20/12/2000 | METHOD FOR DECELLULARISING FOREIGN MATERIAL FOR THE PRODUCTION OF BIOPROSTHESES | <b>AUTO TISSUE GMBH</b>                        | 11/02/2005 | MUMBAI |
| 103 | 205467 | 96/MUMNP/2004    | 23/05/2002 | 10/08/2001 | ELECTRICAL POWER CONSERVATION APPARATUS AND METHOD                              | <b>MICROPULSE TECHNOLOGIES, INC.</b>           | 18/02/2005 | MUMBAI |
| 104 | 205468 | 141/MUMNP/2004   | 21/08/2002 | 30/08/2001 | A COMPOUND HOLOW CONTAINER                                                      | <b>NP2 LLC</b>                                 | 18/02/2005 | MUMBAI |

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|-----|--------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|--------|
| 105 | 205469 | 252/MUM/2001          | 16/03/2001 |            | SYSTEM FOR HOUSING CONSTRUCTION USING PREFABRICATED COMPONENTS                                                                     | 1) GANDHI KIRAN KANAIYALAL 2) GANDHI RIDDHI KIRAN | 16/06/2006 | MUMBAI |
| 106 | 205470 | 927/MUM/2003          | 08/09/2003 |            | A PROCESS FOR PREPARATION OF DUAL RELEASE COMBINATION OF CARDIOVASCULAR DRUG COMPRISING ANTHYPERTENSIVE AGENT AND DIURETIC AGENT   | M/S. IPCA LABORATORIES LIMITED                    | 10/06/2005 | MUMBAI |
| 107 | 205471 | 927/MUM/2002          | 24/10/2002 |            | A DEVICE FOR CONTROLLED RELEASE OF FLUID / WATER UNDER GRAVITY FLOW AND AN IMPROVED PURIFICATION / SANITIZING SYSTEM               | HINDUSTAN LEVER LIMITED                           | 04/09/2004 | MUMBAI |
| 108 | 205472 | 657/MUMNP/2003        | 10/01/2002 | 10/01/2001 | IN VITRO METHOD FOR TRANSFECTION OF EUKARYOTIC CELL FOR PRODUCING DRUG FOR NON-VIRAL GENE THERAPY                                  | AMAXA GMBH                                        | 24/06/2005 | MUMBAI |
| 109 | 205473 | 923/MUMNP/2003        | 10/04/2002 | 27/04/2001 | A METHOD FOR PRODUCTION OF PHARMACEUTICAL COMPOSITION CONTAINING AZITHROMYCIN FOR TREATMENT OF NON-INFECTIVE INFLAMMATORY DISEASES | PLIVA D. D.                                       | 18/02/2005 | MUMBAI |
| 110 | 205474 | 880/MUMNP/2003        | 28/02/2002 | 24/04/2001 | VIBRATION-TYPE MEASURING TRANSDUCER                                                                                                | ENDRESS+HAUSER FLOWTEC AG                         | 18/02/2005 | MUMBAI |
| 111 | 205475 | IN/PCT/2002/01299/MUM | 13/02/2002 | 13/02/2001 | A PROCESS FOR PREPARATION OF 1,2-DICHLOROETHANE IN AN OXYCHLORINATION REACTOR & THE APPARATUS THEREOF                              | VINNOLIT TECHNOLOGIE GMBH & CO.                   | 03/07/2004 | MUMBAI |
| 112 | 205476 | 1007/MUMNP/2003       | 10/04/2002 | 12/04/2001 | A WIND POWER ACCUMULATING POWER GENERATING METHOD USED IN A POWER GENERATING SYSTEM                                                | HUANG, CHIENWEN                                   | 18/02/2005 | MUMBAI |
| 113 | 205477 | 705/MUMNP/2003        | 24/01/2002 | 30/01/2001 | DIGITAL MULTIMEDIA                                                                                                                 | INTERVOICE INC.                                   | 24/06/2005 | MUMBAI |

|     |        |                       |            |            |                                                                                                                         |                                                    |            |        |
|-----|--------|-----------------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------|--------|
|     |        |                       |            |            | CONTACT CENTER                                                                                                          |                                                    |            |        |
| 114 | 205478 | 1029/MUMNP/2003       | 10/05/2002 | 15/05/2001 | A PROCESS OF MAKING PHARMACEUTICAL COMPOSITION                                                                          | <b>KIBOW BIOTECH, INC.</b>                         | 18/02/2005 | MUMBAI |
| 115 | 205479 | 1070/MUMNP/2003       | 21/05/2002 | 23/05/2001 | PROCESS FOR ACTIVATING OR REGENATING A BASIC METAL OXIDE CATALYST USEFUL FOR OLEFIN ISOMERIZATION                       | <b>ABB LUMMUS GLOBAL INC.</b>                      | 18/02/2005 | MUMBAI |
| 116 | 205480 | 658/MUMNP/2003        | 21/12/2001 | 27/12/2000 | A SYSTEM FOR SUPPORTING THE MANAGEMENT OF AN INTEGRATED COMMUNICATIONS PROVIDER (ICP)                                   | <b>WISOR TELECOM CORPORATION</b>                   | 24/06/2005 | MUMBAI |
| 117 | 205508 | 12/MUMNP/2004         | 29/07/2002 | 27/07/2001 | A METHOD OF PRODUCTION OF A VACCINE AGAINST DERMATOPHYTOSIS                                                             | <b>BIOVETA AG</b>                                  | 18/02/2005 | MUMBAI |
| 118 | 205510 | 78/MUMNP/2004         | 13/08/2002 | 16/08/2001 | EXCAVATING EQUIPMENT WEAR MEMBER AND SUPPORT MEMBER AND EXCAVATING EQUIPMENT HAVING SAID WEAR MEMBER AND SUPPORT MEMBER | <b>HENSLEY INDUSTRIES, INC.</b>                    | 24/06/2005 | MUMBAI |
| 119 | 205517 | 1044/MUMNP/2003       | 17/05/2002 | 17/05/2001 | METHOD FOR PRODUCING A THREE-Dimensionally FORMED BODY                                                                  | <b>ACHIM, MOLLER</b>                               | 18/02/2005 | MUMBAI |
| 120 | 205527 | 1045/MUMNP/2003       | 17/05/2002 | 17/05/2001 | METHOD FOR THE PRODUCTION OF A THREE-DIMENSIONAL FLEXIBLY DEFORMABLE SURFACE ELEMENT                                    | <b>DR. ACHIM MOLLER</b>                            | 18/02/2005 | MUMBAI |
| 121 | 205538 | 1009/MUMNP/2003       | 14/05/2002 | 14/05/2001 | METHOD AND SYSTEM FOR VOLUME-SPECIFIC TREATMENT OF GROUND AND PLANTS                                                    | <b>KUMMEL, KNUT</b>                                | 18/02/2005 | MUMBAI |
| 122 | 205550 | IN/PCT/2001/00756/MUM | 13/12/1999 | 31/12/1998 | CABLE GUIDE AND SLIDING STRIP FOR GUIDING CABLE OR LINES                                                                | <b>IGUS SPRITZGUSSTEILE FUR DIE INDUSTRIE GMBH</b> | 17/06/2005 | MUMBAI |
| 123 | 205551 | 109/MUMNP/2003        | 18/01/2001 | 29/08/2000 | METHOD AND DEVICE FOR PRODUCING SPHERICAL PARTICLES FROM A POLYMER MELT                                                 | <b>BUHLER AG</b>                                   | 04/02/2005 | MUMBAI |
| 124 | 205552 | 795/MUMNP/2003        | 26/04/2002 | 03/05/2001 | FLOW METER                                                                                                              | <b>ENDRESS +</b>                                   | 18/02/2005 | MUMBAI |

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|-----|--------|-----------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------|--------|
|     |        |                 |            |            |                                                                                                                                      | <b>HAUSER LIMITED</b>                                                                    |            |        |
| 125 | 205553 | 75/MUM/2004     | 27/01/2004 |            | METHOD FOR GENERATION OF TISSUE SYSTEM WITH UNDIFFERENTIATE D STEM CELLS DERIVED FROM CORNEAL LIMBUS FOR AUTOLOGOUS OR ALLOGENIC USE | <b>RELIANCE LIFE SCIENCES PRIVATE LIMITED</b>                                            | 03/03/2006 | MUMBAI |
| 126 | 205560 | 68/MUMNP/2004   | 08/08/2002 | 09/08/2001 | RETRACTING NEEDLE SAFETY ASSEMBLY                                                                                                    | <b>BECTON DICKINSON AND COMPANY</b>                                                      | 18/02/2005 | MUMBAI |
| 127 | 205561 | 879/MUMNP/2003  | 24/04/2002 | 26/04/2001 | MAGNETIC CIRCUIT ARRANGEMENT FOR A SENSOR                                                                                            | <b>ENDRESS+HAUSER FLOWTEC AG</b>                                                         | 18/02/2005 | MUMBAI |
| 128 | 205562 | 408/MUM/2003    | 24/04/2003 | 11/05/2002 | PLASTIC FILM                                                                                                                         | <b>HUHTAMAKI RONSBERG ZWEIGNIEDERLAS SUNG DER HUHTAMAKI DEUTSCHLAND GMBH &amp; CO KG</b> | 11/02/2005 | MUMBAI |
| 129 | 205563 | 1132/MUMNP/2003 | 25/06/2002 | 25/06/2001 | BIRTH SIMULATOR                                                                                                                      | <b>ROBERT RIENER</b>                                                                     | 18/02/2005 | MUMBAI |
| 130 | 205566 | 243/MUM/2003    | 06/03/2003 |            | A PROCESS OF PRINTING A TEXTILE USING PLASTISOL SCREEN INKS                                                                          | <b>FAREED ZAFAR QURESHI</b>                                                              | 04/02/2005 | MUMBAI |
| 131 | 205567 | 1152/MUMNP/2003 | 17/06/2002 | 17/06/2001 | A METHOD FOR PREPARING A DEUTERATED N- AND a- SUBSTITUTED DIPHENYL ALKOXY ACETIC ACID AMINOALKYL ESTERS                              | <b>TURICUM DRUG DEVELOPMENT AG</b>                                                       | 18/02/2005 | MUMBAI |
| 132 | 205568 | 1298/MUM/2003   | 22/12/2003 |            | A PROCESS FOR MAKING SLAB ICE                                                                                                        | <b>CHAINSUKH SHOBHACHAND GANDHI</b>                                                      | 14/10/2005 | MUMBAI |
| 133 | 205569 | 675/MUMNP/2003  | 17/12/2001 | 18/12/2000 | A DEVICE FOR PRODUCING A SERIES OF CLOSELY SPACED PERCUSSIVE BLOWS BY A SINGLE OPERATOR                                              | <b>S 3 S</b>                                                                             | 24/06/2005 | MUMBAI |
| 134 | 205573 | 819/MUMNP/2003  | 17/08/2001 | 29/05/2001 | APPARATUS FOR CONVERSION OF SOLAR ENERGY INTO ELECTRIC AND THERMAL ENERGY                                                            | <b>THE SUN TRUST L.L.C.</b>                                                              | 18/02/2005 | MUMBAI |
| 135 | 205574 | 997/MUM/2002    | 18/11/2002 |            | AMMONIA ABSORPTION REFRIGERATION SYSTEM WITH IMPROVED                                                                                | <b>DEPARTMENT OF ATOMIC ENERGY</b>                                                       | 06/01/2006 | MUMBAI |



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|     |        |                       |            |            | COEFFICIENT OF PERFORMANCE                                                                                                                 |                                                        |            |        |
| 136 | 205575 | 563/MUMNP/2003        | 03/12/2001 | 11/12/2000 | A METHOD OF TREATMENT OF FABRICS                                                                                                           | <b>HINDUSTAN LEVER LIMITED</b>                         | 11/02/2005 | MUMBAI |
| 137 | 205576 | IN/PCT/2001/01241/MUM | 15/03/2000 | 06/05/1999 | A MECHANISM FOR APPLYING A CLAMPING FORCE                                                                                                  | <b>HUSKY INJECTION MOLDING SYSTEMS LTD</b>             | 17/06/2005 | MUMBAI |
| 138 | 205577 | IN/PCT/2002/00289/MUM | 11/08/2000 | 25/08/1999 | A METHOD FOR DETERMINING A FOCUS VALUE IN AN IMAGE                                                                                         | <b>INTEL CORPORATION</b>                               | 24/06/2005 | MUMBAI |
| 139 | 205578 | 370/MUM/2002          | 23/04/2002 | 13/07/2001 | APPARATUS FOR OPERATING A VERTICAL WHEEL HAND BRAKE                                                                                        | <b>WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION</b> | 13/05/2005 | MUMBAI |
| 140 | 205579 | IN/PCT/2002/01504/MUM | 29/03/2001 | 31/03/2000 | A METHOD FOR ENHANCING THE EVAPORATION OF WATER                                                                                            | <b>BIOMASS CONVERSIONS, L.L.C.</b>                     | 11/09/2004 | MUMBAI |
| 141 | 205580 | IN/PCT/2001/01652/MUM | 11/05/2000 | 16/07/1999 | A PROCESS FOR THE SEPARATION OF NORMAL BUTENES FROM ISOBUTENE CONTAINED IN A MIXED HYDROCARBON STREAM RICH IN C4 COMPOUNDS                 | <b>CATALYTIC DISTILLATION TECHNOLOGIES</b>             | 21/10/2005 | MUMBAI |
| 142 | 205581 | IN/PCT/2001/00903/MUM | 27/01/2000 | 26/01/1999 | A METHOD FOR PRODUCING RESISTANCE IN A PLANT                                                                                               | <b>THE SCRIPPS RESEARCH INSTITUTE</b>                  | 18/02/2005 | MUMBAI |
| 143 | 205582 | 178/MUMNP/2004        | 02/10/2002 | 03/10/2001 | A PROCESS FOR OBTAINING CURABLE ELASTOMERIC MATERIAL                                                                                       | <b>AMERICAN RUBBER TECHNOLOGIES, INC.</b>              | 18/02/2005 | MUMBAI |
| 144 | 205583 | IN/PCT/2002/00743/MUM | 12/10/2000 | 09/12/1999 | AN APPARATUS FOR MANAGING UTILIZATION OF RESOURCES WITHIN A MULTITHREADED PROCESSOR                                                        | <b>INTEL CORPORATION</b>                               | 13/03/2004 | MUMBAI |
| 145 | 205584 | IN/PCT/2002/01559/MUM | 01/01/1900 | 11/05/2000 | A PROCESS FOR PRODUCING POLYOXYALKYLENE GUANIDINE SALTS                                                                                    | <b>P.O.C. OIL INDUSTRY TECHNOLOGY BERATUNGSGES MBH</b> | 11/12/2004 | MUMBAI |
| 146 | 205585 | IN/PCT/2002/00332/MUM | 29/08/2000 | 13/09/1999 | A METHOD OF CONSTRUCTING AN ELECTRONIC ASSEMBLY HAVING AN INDIUM THERMAL COUPLE AND AN ELECTRONIC ASSEMBLY HAVING AN INDIUM THERMAL COUPLE | <b>INTEL CORPORATION</b>                               | 24/06/2005 | MUMBAI |

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| 147 | 205586 | IN/PCT/2002/00550/MUM | 14/09/2000 | 29/10/1999 | A MACHINE READABLE MEDIUM AND A COMPUTER SYSTEM FOR IMPLEMENTING THE METHOD                                                                                                           | <b>INTEL CORPORATION</b>                               | 26/08/2005 | MUMBAI |
| 148 | 205587 | 381/MUM/2002          | 26/04/2002 | 07/05/2001 | A STRAW FOR THE CONSERVATION OF SMALL QUANTITIES OF SUBSTANCES IN PARTICULAR BIOLOGICAL SUBSTANCES                                                                                    | <b>IMV TECHNOLOGIES</b>                                | 06/01/2006 | MUMBAI |
| 149 | 205588 | 170/MUM/2002          | 21/02/2002 |            | A MULTIPURPOSE MACHINE FOR INTERNAL & EXTERNAL THREAD FORMING                                                                                                                         | <b>SUDERSHAN MADHOPRASAD SARAF</b>                     | 20/01/2006 | MUMBAI |
| 150 | 205589 | 1027/MUMNP/2003       | 14/05/2002 | 23/05/2001 | TRANSDUCER OF THE VIBRATION TYPE                                                                                                                                                      | <b>ENDRESS+HAUSER FLOWTEC AG</b>                       | 18/02/2005 | MUMBAI |
| 151 | 205590 | IN/PCT/2002/00599/MUM | 16/11/2000 | 18/11/1999 | A BLOCK HOLDER FOR A BOGIE BRAKE                                                                                                                                                      | <b>SAB WABCO AB</b>                                    | 28/02/2004 | MUMBAI |
| 152 | 205591 | 374/MUM/2002          | 24/04/2002 | 07/06/2001 | OVERLOAD PROTECTION DEVICE FOR A TRUCK MOUNTED RAILCAR BRAKE ASSEMBLY                                                                                                                 | <b>WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION</b> | 06/01/2006 | MUMBAI |
| 153 | 205592 | 926/MUM/2002          | 24/10/2002 |            | A SANITIZING SYSTEM FOR CHEMICAL SANITIZING AGENT AND A WATER PURIFICATION SYSTEM                                                                                                     | <b>HINDUSTAN LEVER LIMITED</b>                         | 04/09/2004 | MUMBAI |
| 154 | 205593 | 353/MUM/2002          | 16/04/2002 |            | AN ADJUSTABLE MONITOR STAND                                                                                                                                                           | <b>SUNIL KHUSHIRAM DEVNANI</b>                         | 06/01/2006 | MUMBAI |
| 155 | 205594 | IN/PCT/2002/00083/MUM | 26/06/2000 | 26/07/1999 | PROCESSOR AND METHOD OF USING TWO SETS OF REGISTERS FOR MATRIX PROCESSING BY A PROCESSOR                                                                                              | <b>INTEL CORPORATION</b>                               | 15/07/2005 | MUMBAI |
| 156 | 205595 | IN/PCT/2000/00441/MUM | 23/03/1999 | 23/03/1999 | METALLIC MATERIAL WITH ORGANIC COMPOSITE COATING COMPOSITION EXCELLENT IN CORROSION RESISTANCE AND COATABILITY AND REDUCED IN FINGER MARK ADHESION AND PROCESS FOR PRODUCING THE SAME | <b>NIHON PARKERIZING CO., LTD.</b>                     | 15/07/2005 | MUMBAI |

|     |        |                       |            |            |                                                                                                                      |                                                                                    |            |        |
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| 157 | 205596 | IN/PCT/2000/00537/MUM | 07/05/1999 | 15/05/1998 | A SYSTEM FOR USE IN DETECTING A RANDOM ACCESS REQUEST IN A CDMS SYSTEM                                               | <b>TELEFONAKTIEBO LAGET LM ERICSSON [PUBL]</b>                                     | 15/07/2005 | MUMBAI |
| 158 | 205597 | 277/MUM/2002          | 22/03/2002 |            | PRIMER FOR ADHESION ENHANCEMENT OF ACRYLIC FOAM TAPE AND PROCESS OF PREPARING THE SAME                               | <b>PRS SOLUTIONS PRIVATE LIMITED</b>                                               | 25/08/2006 | MUMBAI |
| 159 | 205598 | IN/PCT/2000/00054/MUM | 16/09/1999 | 17/09/1998 | AN APPARATUS FOR RETAINING A BEARING                                                                                 | <b>SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNECMA"</b> | 17/06/2005 | MUMBAI |
| 160 | 205599 | 1091/MUM/2002         | 16/06/1998 | 16/06/1997 | A PROCESS FOR THE PRODUCTION OF A GRANULAR DETERGENT PRODUCT                                                         | <b>HINDUSTAN LEVER LIMITED</b>                                                     | 28/01/2005 | MUMBAI |
| 161 | 205600 | 28/MUM/2002           | 15/01/2002 |            | A WIRELESS SYSTEM FOR CONTROLLING ROAD TRAFFIC SIGNALING SYSTEM                                                      | <b>CMS TRAFFIC SYSTEMS LIMITED</b>                                                 | 28/07/2006 | MUMBAI |
| 162 | 205601 | 794/MUM/2002          | 02/09/2002 |            | A PROCESS OF MANUFACTURE OF FUSED COTTON STRAPS FOR COTTON STRAP BRASSIERES                                          | <b>KIRIT P. MANIAR</b>                                                             | 26/06/2004 | MUMBAI |
| 163 | 205602 | 561/MUMNP/2003        | 16/11/2001 | 16/11/2001 | METHOD FOR THE PRODUCTION OF A HETEROLOGOUS PROTEIN BY A FUNGUS                                                      | <b>HINDUSTAN LEVER LIMITED</b>                                                     | 11/02/2005 | MUMBAI |
| 164 | 205604 | 988/MUMNP/2003        | 01/05/2002 | 07/05/2001 | SIMPLIFIED ANALYZER AND METHOD OF PRODUCING THE SAME                                                                 | <b>KYORITSU CHEMICAL-CHECK LAB., CORP.</b>                                         | 05/05/2006 | MUMBAI |
| 165 | 205606 | 1/MUM/2003            | 02/01/2003 |            | AN IMPROVED FLUIDIZED THERMOSYPHON SYSTEM                                                                            | <b>THERMAX LIMITED</b>                                                             | 05/05/2006 | MUMBAI |
| 166 | 205609 | 134/MUMNP/2004        | 24/08/2001 | 24/08/2001 | METHOD AND MEANS FOR REDISTRIBUTION OF SUBSCRIBER INFORMATION IN UMTS NETWORKS WHERE THE NODES ARE ARRANGED IN POOLS | <b>TELEFONAKTIEBO LAGET LM ERICSSON [PUBL]</b>                                     | 20/01/2006 | MUMBAI |
| 167 | 205611 | IN/PCT/2001/00884/MUM | 01/02/2000 | 02/02/1999 | IMPROVEMENTS RELATING TO VACUUM SWITCHING                                                                            | <b>AREVA T&amp;D UK LTD.</b>                                                       | 13/01/2006 | MUMBAI |

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|     |        |                       |            |            | DEVICES                                                                                                                |                                      |            |        |
| 168 | 205614 | IN/PCT/2002/00841/MUM | 23/01/2001 | 24/01/2000 | A COMPOSITION FOR STABILIZING THE COLOR OF NATURAL OR SYNTHETIC HAIR CONTAINING DYE                                    | SYMRISE INC.                         | 13/03/2004 | MUMBAI |
| 169 | 205617 | IN/PCT/2001/01630/MUM | 07/07/2000 | 09/07/1999 | METHOD FOR PREPARATION OF ENANTIOMERICALLY PURE FORM OF 2-(2-ARYLMORPHOLIN-2-YL) ETHANOL DERIVATIVES AND INTERMEDIATES | SANOFI-SYNTHELABO                    | 15/07/2005 | MUMBAI |
| 170 | 205619 | IN/PCT/2002/00709/MUM | 30/11/2000 | 21/12/1999 | METHOD FOR BIOLOGICAL PURIFICATION OF WASTEWATER                                                                       | KURT INGERLE                         | 28/02/2004 | MUMBAI |
| 171 | 205620 | 52/MUMNP/2004         | 26/07/2002 | 27/07/2001 | A PROCESS FOR FABRICATION OF FIBRES FOR OPTICAL LENSES                                                                 | UNIVERSITE DE TECHNOLOGIE DE TROYES  | 18/02/2005 | MUMBAI |
| 172 | 205621 | 431/MUM/2004          | 08/04/2004 |            | PROCESS FOR IMPROVING THE STRENGTH OF STEEL DRUM                                                                       | BALBIR ONKAR SINGH                   | 05/05/2006 | MUMBAI |
| 173 | 205622 | 7/MUMNP/2004          | 13/08/2002 | 13/08/2001 | SUBSTITUTED DIHYDRO 3-HALO-1H-PYRAZOLE-5-CARBOXYLATES THEIR PREPARATION AND USE                                        | E.I . DU PONT DE NEMOURS AND COMPANY | 18/11/2005 | MUMBAI |
| 174 | 205623 | IN/PCT/2002/01587/MUM | 09/05/2001 | 19/05/2000 | AN APPLIANCE HAVING A DRIVING MECHANISM                                                                                | DYSON TECHNOLOGY LIMITED             | 11/12/2004 | MUMBAI |
| 175 | 205624 | IN/PCT/2002/00759/MUM | 13/12/2000 | 21/12/1999 | A TENSIONER FOR TENSIONING A POWER TRANSMISSION BELT                                                                   | THE GATES CORPORATION                | 13/03/2004 | MUMBAI |
| 176 | 205625 | 2/MUM/2003            | 02/01/2003 |            | A PROCESS FOR PRODUCING VALUE ADDED ASH FROM FLY ASH WITH HIGH UNBURNT CARBON AND A SYSTEM                             | THERMAX LIMITED                      | 28/01/2005 | MUMBAI |
| 177 | 205626 | IN/PCT/2001/00236/MUM | 07/07/2000 | 07/07/1999 | CONTACTLESS ACCESS TICKET AND METHOD FOR MAKING SAME                                                                   | ASK                                  | 21/12/2005 | MUMBAI |
| 178 | 205627 | IN/PCT/2002/00756/MUM | 12/12/2000 | 24/12/1999 | A THERMOPLASTIC MOULDING COMPOSITION                                                                                   | BAYER AKTIENGESELLSCHAFT             | 13/03/2004 | MUMBAI |
| 179 | 205628 | IN/PCT/2002/01352/MUM | 10/04/2001 | 11/04/2000 | A PROCESS FOR THE SYNTHESIS OF N-[(S)-1-CARBOXYBUTYL]-(S)-ALANINE ESTERS                                               | LES LABORATOIRES SERVIER             | 20/01/2005 | MUMBAI |

|     |        |                       |            |            |                                                                                                                   |                                                                                     |            |        |
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| 180 | 205629 | 296/MUM/2004          | 09/03/2004 |            | A NON INTEGRATED DEVICE TO CONTROL MOISTURE LEVEL IN ELECTRICAL EQUIPMENT WITH IMPROVED REFILLABILITY             | <b>MEVADA VINOD PITAMBARDAS</b>                                                     | 16/06/2006 | MUMBAI |
| 181 | 205630 | IN/PCT/2001/01127/MUM | 16/03/2000 | 19/03/1999 | A METHOD OF TREADING A TYRE CARCASS AND AN APPARATUS THEREOF                                                      | <b>1)SOCIETE DE TECHNOLOGIE MICHELIN<br/>2)MICHELIN RECHERCHE ET TECHNIQUE S.A.</b> | 03/02/2006 | MUMBAI |
| 182 | 205631 | IN/PCT/2001/00999/MUM | 14/04/2000 | 19/04/1999 | DEVICE FOR PROTECTING A CONTAINER AND CONTAINER EQUIPPED THEREWITH                                                | <b>CLAUDE LEON HEMBERT</b>                                                          | 02/12/2005 | MUMBAI |
| 183 | 205633 | IN/PCT/2002/00097/MUM | 16/09/1999 | 10/08/1999 | SYSTEM AND METHOD OF ENABLING AND DISABLING EQUIPMENT                                                             | <b>PAYMENT PROTECTION SYSTEMS, INC.</b>                                             | 15/09/2006 | MUMBAI |
| 184 | 205634 | IN/PCT/2002/00023/MUM | 10/06/2000 | 29/06/1999 | ELECTRODE CAPABLE OF STORING HYDROGEN AND A METHOD FOR THE PRODUCTION OF THE SAME                                 | <b>DEUTSCHE AUTOMOBILGESELLSCHAFT MBH</b>                                           | 26/08/2005 | MUMBAI |
| 185 | 205635 | IN/PCT/2001/01165/MUM | 07/04/2000 | 15/04/1999 | A METHOD OF MONITORING THE LEVEL OF FILLING OF A BALL MILL                                                        | <b>ALSTOM</b>                                                                       | 02/12/2005 | MUMBAI |
| 186 | 205636 | IN/PCT/2001/01619/MUM | 30/06/2000 | 30/06/1999 | A PROCESS FOR PRODUCING P1-(2'-DEOXYCYTIDINE 5'-)P4-(URIDINE 5')-TETRAPHOSPHATE (DCP4U)                           | <b>YAMASA CORPORATION</b>                                                           | 05/05/2006 | MUMBAI |
| 187 | 205712 | IN/PCT/2000/00529/MUM | 27/04/1999 | 05/05/1998 | PROCESS FOR SELECTIVELY PRODUCING LIGHT OLEFINS IN A FLUID CATALYTIC CRACKING PROCESS FROM A NAPHTHA / STEAM FEED | <b>EXXON RESEARCH AND ENGINEERING COMPANY</b>                                       | 13/01/2006 | MUMBAI |
| 188 | 205713 | IN/PCT/2002/00148/MUM | 04/08/2000 | 20/09/1999 | A PROCESS FOR THE PRODUCTION OF CYCLOHEXANE BY THE HYDROGENATION OF BENZENE                                       | <b>CATALYTIC DISTILLATION TECHNOLOGIES</b>                                          | 13/01/2006 | MUMBAI |
| 189 | 205714 | 434/MUM/2002          | 15/05/2002 | 16/05/2001 | PARTICULATE LAUNDRY DETERGENT COMPOSITION CONTAINING ZEOLITE                                                      | <b>HINDUSTAN LEVER LIMITED</b>                                                      | 28/02/2004 | MUMBAI |

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|-----|--------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------|--------|
| 190 | 205716 | 889/MUMNP/2003        | 21/02/2002 | 26/03/2001 | HOST FABRIC ADAPTOR AND METHOD OF CHECKING THE VALIDITY OF REMOTE KEYS                                                       | <b>INTEL CORPORATION</b>                                                   | 15/07/2005 | MUMBAI |
| 191 | 205717 | 891/MUMNP/2003        | 22/03/2002 | 28/03/2001 | A METHOD OF INTERCONNECTING A CHIP AND A SUBSTRATE                                                                           | <b>INTEL CORPORATION</b>                                                   | 15/07/2005 | MUMBAI |
| 192 | 205718 | IN/PCT/2000/00089/MUM | 14/12/1998 | 17/12/1997 | METHOD OF PRODUCING FINE POWDER AND NOZZLE THEREOF                                                                           | <b>NANOVAL GESELLSCHAFT FUR PULVER-UND FASERTECHNIK GMBH &amp; CO. KG.</b> | 15/09/2006 | MUMBAI |
| 193 | 205720 | 208/MUM/2002          | 05/03/2002 | 28/03/2001 | A STRUCTURE FOR FRONT PORTION OF A MOTORCYCLE                                                                                | <b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b>                                  | 20/01/2006 | MUMBAI |
| 194 | 205722 | IN/PCT/2001/01316/MUM | 04/04/2000 | 08/04/1999 | AN APPARATUS FOR MODULATING AND DEMODULATING AT LEAST A PORTION OF SYNCHRONIZATION SIGNAL IN THE MOBILE COMMUNICATION SYSTEM | <b>TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]</b>                              | 13/01/2006 | MUMBAI |
| 195 | 205730 | 885/MUM/2003          | 15/12/2003 |            | AN APPARATUS FOR MIGRATION AND CONVERSION OF SOFTWARE CODE FROM ANY SOURCE PLATFORM TO ANY TARGET PLATFORM                   | <b>EVOLVEWARE INFORMATION TECHNOLOGY (INDIA) PVT. LTD.</b>                 | 16/06/2006 | MUMBAI |
| 196 | 205734 | 352/MUMNP/2004        | 17/12/2002 | 21/12/2001 | A DRY-TYPE, RESIN-ENCAPSULATED TRANSFORMER COIL                                                                              | <b>ABB TECHNOLOGY AG.</b>                                                  | 18/02/2005 | MUMBAI |
| 197 | 205737 | IN/PCT/2001/00664/MUM | 17/12/1999 | 18/12/1998 | A PROCESS FOR UNLOADING PRESSURIZED LIQUEFIED GAS FROM A PLURALITY OF CONTAINERS                                             | <b>EXXONMOBIL UPSTREAM RESEARCH COMPANY</b>                                | 21/10/2005 | MUMBAI |
| 198 | 205738 | 894/MUM/2002          | 11/10/2002 |            | SUBSTRATE FOR INK JET PRINTING WITH HYDROPHOBIC SOLVENT BASED INK                                                            | <b>ARROW COATED PRODUCTS LTD.</b>                                          | 04/09/2005 | MUMBAI |
| 199 | 205739 | 324/MUMNP/2004        | 05/12/2002 | 12/12/2001 | APPARATUS FOR GENERATING POWER FROM A FLOWING LIQUID                                                                         | <b>INTERNAL HYDRO INTERNATIONAL, INC.</b>                                  | 18/02/2005 | MUMBAI |
| 200 | 205740 | IN/PCT/2002/00223/MUM | 23/08/2000 | 23/08/1999 | A CATCH ASSEMBLY FOR INTERLOCKING OF                                                                                         | <b>SIO, YEOK SING</b>                                                      | 04/11/2005 | MUMBAI |

|     |        |                       |            |            |                                                                                                                                                                           |                                     |            |        |
|-----|--------|-----------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------|--------|
|     |        |                       |            |            | TWO MEMBERS                                                                                                                                                               |                                     |            |        |
| 201 | 205741 | IN/PCT/2002/00917/MUM | 10/08/2000 | 11/02/2000 | A PROCESS FOR THE CONTINUOUS PRODUCTION OF ATLEAST ONE OF BIS (3-HYDROXYPROPYL) TEREPHTHALATE AND LOW MOLECULAR WEIGHT OLIGOMERS OF 1,3-PROPANEDIOL AND TEREPHTHALIC ACID | E.I. DU PONT DE NEMOURS AND COMPANY | 17/04/2004 | MUMBAI |
| 202 | 205742 | 1054/MUM/2000         | 22/11/2000 | 15/12/1999 | INTERLOCKING BRAKE DEVICE                                                                                                                                                 | HONDA GIKEN KOGYO KABUSHIKI KAISHA  | 25/08/2006 | MUMBAI |
| 203 | 205743 | 328/MUMNP/2004        | 18/12/2002 | 20/12/2001 | A METHOD OF PREPARING A POLISHING PAD                                                                                                                                     | PPG INDUSTRIES OHIO, INC.           | 18/02/2005 | MUMBAI |
| 204 | 205744 | 133/MUM/2003          | 03/02/2003 |            | AN IMPROVED INSULATED BOTTLE                                                                                                                                              | MR. THADANI MAHESH                  | 05/05/2006 | MUMBAI |
| 205 | 205745 | 509/MUM/2002          | 07/06/2002 |            | POWDER INHALER                                                                                                                                                            | SUN PHARMACEUTICAL INDUSTRIES LTD.  | 20/03/2004 | MUMBAI |
| 206 | 205746 | 487/MUM/2004          | 27/04/2004 |            | A PROCESS FOR THE PREPARATION OF AN AQUEOUS EMULSIFIABLE HERBICIDAL FORMULATION OF PHENYLTHIOPYRIMIDINES                                                                  | GODREJ AGROVET LIMITED              | 16/06/2006 | MUMBAI |
| 207 | 205753 | IN/PCT/2002/00060/MUM | 10/08/2000 | 25/08/1999 | A PROCESS OF PREPARING POLY (TRIMETHYLENE TEREPHTHALATE)                                                                                                                  | E.I DU PONT DE NEMOURS AND COMPANY  | 15/09/2006 | MUMBAI |
| 208 | 205754 | IN/PCT/2002/00918/MUM | 10/08/2000 | 11/02/2000 | A CONTINUOUS PROCESS FOR THE PRODUCTION OF POLY (TRIMETHYLENE TEREPHTHALATE)                                                                                              | E.I. DU PONT DE NEMOURS AND COMPANY | 17/04/2004 | MUMBAI |
| 209 | 205755 | IN/PCT/2002/00988/MUM | 30/01/2001 | 07/02/2000 | SAFETY PACKING FOR A PRODUCT TO BE EXHIBITED                                                                                                                              | SAFEFRAME B.V.                      | 24/04/2004 | MUMBAI |
| 210 | 205756 | IN/PCT/2002/01193/MUM | 16/03/2001 | 16/03/2000 | SLIDING GATE FOR LIQUID METAL FLOW CONTROL                                                                                                                                | VESUVIUS CRUCIBLE COMPANY           | 05/06/2004 | MUMBAI |
| 211 | 205757 | IN/PCT/2002/00948/MUM | 29/12/2000 | 31/12/1999 | AN IMPROVED POWER SUPPLY DEVICE                                                                                                                                           | ABB SERVICE S.R.I.                  | 17/04/2004 | MUMBAI |
| 212 | 205758 | 368/MUMNP/2004        | 16/01/2003 | 16/01/2002 | A METHOD AND SYSTEM FOR ISOLATION AND TREATMENT OF A LARGE PIECE OF EQUIPMENT                                                                                             | STERIS INC.                         | 18/02/2005 | MUMBAI |
| 213 | 205759 | 388/MUMNP/2004        | 15/01/2003 | 15/01/2002 | SURGICAL                                                                                                                                                                  | STERIS INC.                         | 18/02/2005 | MUMBAI |

|     |        |                       |            |            |                                                                                                                              |                                                                                        |            |        |
|-----|--------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------|--------|
|     |        |                       |            |            | LIGHTING CONTROL, VIDEO SYSTEM                                                                                               |                                                                                        |            |        |
| 214 | 205760 | 465/MUM/2004          | 16/04/2004 |            | A CENTRIPITAL STIRRER                                                                                                        | <b>BHATT RAJEN JAYENDRA</b>                                                            | 05/05/2006 | MUMBAI |
| 215 | 205761 | IN/PCT/2002/00840/MUM | 21/11/2000 | 08/12/1999 | UNSATURATED 14, 15-CYCLOPROPANO-ANDROSTANES                                                                                  | <b>SCHERING AG.</b>                                                                    | 13/03/2004 | MUMBAI |
| 216 | 205762 | 596/MUM/2004          | 26/05/2004 |            | BI-DIRECTIONAL POWER TAKE-OFF DRIVE FOR OFF-HIGHWAY VEHICLE(S)                                                               | <b>MAHINDRA &amp; MAHINDRA LTD.</b>                                                    | 05/05/2006 | MUMBAI |
| 217 | 205763 | 431/MUMNP/2004        | 25/02/2003 | 25/02/2002 | DISPOSABLE STERILE COVER FOR SURGICAL LAMPS                                                                                  | <b>STERIS INC.</b>                                                                     | 18/02/2005 | MUMBAI |
| 218 | 205764 | 411/MUMNP/2004        | 16/01/2003 | 11/02/2002 | METHOD OF MAKING N-[2-AMINOETHYL] AMINOALKYLALK OXYSILANES                                                                   | <b>DOW CORNING CORPORATION</b>                                                         | 08/02/2005 | MUMBAI |
| 219 | 205767 | IN/PCT/2001/01555/MUM | 26/07/2000 | 30/07/1999 | A PROCESS FOR THE PREPARATION OF 1,3-PROPANEDIOL                                                                             | <b>E.I. DU PONT DE NEMOURS AND COMPANY</b>                                             | 26/08/2005 | MUMBAI |
| 220 | 205768 | 883/MUM/2003          | 02/09/2003 |            | AN AUTOMATIC PORTABLE SPRAYER                                                                                                | <b>PATEL ARVINDHAI RANCHCDBHAI</b>                                                     | 15/07/2005 | MUMBAI |
| 221 | 205769 | 737/MUM/2004          | 09/07/2004 |            | A METHOD FOR EXTRACTION OF BIOACTIVE COMPOUNDS                                                                               | <b>1)PHUKAN, S.<br/>2)KALITA, M. C.</b>                                                | 16/06/2006 | MUMBAI |
| 222 | 205770 | 944/MUM/2004          | 31/08/2004 |            | TWIN SHEET LOCKING JOINT SYSTEM FOR PUFF FILLED PRODUCTS                                                                     | <b>JAYCO MANUFACTURERS</b>                                                             | 16/06/2006 | MUMBAI |
| 223 | 205771 | 1050/MUM/2003         | 08/10/2003 |            | AN UNIQUE DEVICE FOR DETECTION OF SPURIOUS PAPER ROLLS OF FILMS ROLLS FROM THE ORIGINAL ONES ON MACHINES LIKE PRINTING       | <b>1)KONDVIKAR AJIT PRABHAKAR,2)KONDVIKAR MUKUND VASNT,3)PRADHAN SHRIREESH NARAYAN</b> | 21/07/2006 | MUMBAI |
| 224 | 205772 | 87/MUM/2003           | 23/01/2003 |            | A METHOD FOR SIMULTANEOUS CLARIFICATION AND DECOLOURISATION OF SUGARCANE JUICE BY USING FLAT MEMBRANE ULTRAFILTRATION MODULE | <b>GOEL PRAYAS</b>                                                                     | 04/02/2005 | MUMBAI |
| 225 | 205773 | 157/MUM/2002          | 19/02/2002 |            | A PROCESS FOR PRODUCTION OF ETHANOL FORM SUGAR BEET                                                                          | <b>PRAJ INDUSTRIES LIMITED</b>                                                         | 04/08/2006 | MUMBAI |
| 226 | 205774 | IN/PCT/2002/00843/MUM | 15/12/2000 | 21/12/1999 | A HAND-MANIPULABLE,                                                                                                          | <b>40 J'S LLC</b>                                                                      | 13/03/2004 | MUMBAI |



|     |        |                           |            |            |                                                                          |                                                                                     |            |        |
|-----|--------|---------------------------|------------|------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|--------|
|     |        |                           |            |            | TISSUE<br>STIMULANT-<br>APPLYING<br>APPLICATOR                           |                                                                                     |            |        |
| 227 | 205775 | IN/PCT/2002/00816/M<br>UM | 14/12/2000 | 22/12/1999 | A DRILL FOR<br>DRILLING A HOLE<br>IN A METAL<br>WORKPIECE                | <b>GREENFIELD<br/>INDUSTRIES, INC.</b>                                              | 13/03/2004 | MUMBAI |
| 228 | 205776 | IN/PCT/2002/00967/M<br>UM | 12/01/2001 | 28/01/2000 | A METHOD FOR<br>PRODUCING A<br>FERTILIZER                                | <b>COMMONWEALTH<br/>SCIENTIFIC AND<br/>INDUSTRIAL<br/>RESEARCH<br/>ORGANISATION</b> | 24/04/2004 | MUMBAI |
| 229 | 205777 | 618/MUM/2003              | 13/06/2003 |            | A DEVICE TO<br>MEASURE ACTUAL<br>BODY LOADS IN<br>AUTOMOTIVE<br>VEHICLES | <b>MAHINDRA &amp;<br/>MAHINDRA LTD.</b>                                             | 11/02/2005 | MUMBAI |
| 230 | 205778 | IN/PCT/2002/01795/M<br>UM | 01/06/2001 | 23/06/2000 | A SHAVING RAZOR                                                          | <b>ROLLING RAZOR<br/>LLC</b>                                                        | 04/02/2005 | MUMBAI |

## PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT

Following Patents have been granted and any "person interested" in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention                                                                                                               | Name of Patentee                                  | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
|---------------|---------------|--------------------|---------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------|--------------------|
| 1.            | 207808        | 00012/KOLNP/2004   | 05/06/2002          | 07/06/2001       | AUTOMATIC CLUTCH WITH MANUAL OVERRIDE CONTROL MECHANISM.                                                                         | <b>DRUSSEL WILFLEY DESIGN, LLC.</b>               | 17/02/2006                                | KOLKATA            |
| 2.            | 207811        | 00129/KOLNP/2003   | 20/07/2001          | 20/07/2000       | "AN ADAPTIVE DIGITAL PREDISTORTION APPARATUS FOR A WIRELESS TRANSMITTER AND METHOD THEREFOR"                                     | <b>HUAWEI TECHNOLOGIES CO.LTD.</b>                | 10/02/2006                                | KOLKATA            |
| 3.            | 207813        | 00179/KOLNP/2003   | 27/07/2001          | 27/07/2000       | A METHOD FOR LOCATING A WIND TURBINE OFFSHORE AND A FLOATABLE STRUCTURE THEREFOR                                                 | <b>HANNEVIG CHRISTOFFER ,HANNEVIG THOR DANIEL</b> | 27/01/2006                                | KOLKATA            |
| 4.            | 207814        | 00211/KOLNP/2003   | 26/10/2001          | 26/10/2000       | "AN ATMOSPHERIC PRESSURE PLASMA ASSEMBLY"                                                                                        | <b>DOW CORNING IRELAND LIMITED</b>                | 27/01/2006                                | KOLKATA            |
| 5.            | 207815        | 00277/KOLNP/2004   | 14/09/2001          | 14/09/2001       | INTERMEDIATE COMPOUNDS FOR THE PREPARATION OF MIRTAZAPINE AND OBTENTION METHODS THEREOF                                          | <b>MEDICHEM S.A.</b>                              | 21/04/2006                                | KOLKATA            |
| 6.            | 207817        | 00292/KOLNP/2003   | 18/04/2001          | 12/09/2001       | APPARATUS FOR CONVERTING UNCONSOLIDATED MEDICAL WASTE"                                                                           | <b>POSITIVE IMPACT WASTE SOLUTIONS, INC.</b>      | 11/03/2005                                | KOLKATA            |
| 7.            | 207818        | 00340/KOLNP/2004   | 12/09/2002          | 13/09/2001       | DEVICE FOR QUENCHING AND TEMPERING LONG-LENGHT ROLLING STOCK                                                                     | <b>VOESTALPINE SCHIENEN GMBH</b>                  | 24/03/2006                                | KOLKATA            |
| 8.            | 207819        | 00374/KOLNP/2004   | 01/10/2002          | 02/10/2001       | "INTERFERENCE CANCELLATION IN A SIGNAL".                                                                                         | <b>TENSORCOMM INCORPORATED</b>                    | 02/06/2006                                | KOLKATA            |
| 9.            | 207820        | 00753/KOLNP/2003   | 27/11/2000          | 27/11/2000       | "PROCESS FOR PREPARING AQUEOUS EXTRACTS, OF PLANTS AND EXTRACTS SO OBTAINED AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME". | <b>BOMSUND GRUPO ASESOR S.L.</b>                  | 31/03/2006                                | KOLKATA            |
| 10.           | 207821        | 00759/KOLNP/2003   | 08/01/2002          | 08/01/2001       | "A METHOD FOR MEASURING THE CONCENTRATION OF IMPURITIES IN HELIUM BY ION MOBILITY SPECTROMETRY".                                 | <b>SAES GETTERS S.P.A.,</b>                       | 02/12/2005                                | KOLKATA            |

|     |        |                       |            |            |                                                                                                      |                                            |            |         |
|-----|--------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------------|--------------------------------------------|------------|---------|
| 11. | 207823 | 01019/KOLNP/2004      | 11/02/2003 | 14/02/2002 | "A PROCESS FOR RECOVERING PENTAFLUOROETHANE"                                                         | <b>PCBU SERVICES INC.</b>                  | 17/03/2006 | KOLKATA |
| 12. | 207824 | 01276/KOLNP/2003      | 22/03/2002 | 05/04/2001 | METHOD FOR PREPARING 7-QUINOLINYL-3,5-DIHYDROXYHEPT-6-ENOATE.                                        | <b>NISSAN CHEMICAL INDUSTRIES, LTD.</b>    | 17/02/2006 | KOLKATA |
| 13. | 207825 | 01322/KOLNP/2003      | 24/03/2003 | 26/03/2002 | FUEL INJECTION CONTROL APPARATUS AND METHOD.                                                         | <b>MIKUNI CORPORATION</b>                  | 16/09/2005 | KOLKATA |
| 14. | 207826 | 01555/KOLNP/2004      | 10/04/2003 | 19/04/2002 | A METHOD OF REDUCING CRUDE POLYMERS DERIVED FROM ACYLOXYSTYRENE OR ALKOXY STYRENE                    | <b>DUPONT ELECTRONIC TECHNOLOGIES L.P.</b> | 23/09/2005 | KOLKATA |
| 15. | 207828 | 676/KOLNP/2003        | 28/11/2001 | 29/12/2000 | "MULTIPLE TIER ARRAY CAPACITOR AND METHODS OF FABRICATION THEREFOR"                                  | <b>INTEL CORPORATION</b>                   | 27/01/2006 | KOLKATA |
| 16. | 207829 | 70/KOLNP/2003         | 25/07/2000 | 25/07/2000 | "A SYSTEM AND METHOD OF DETERMINING THE AUTHENTICITY OF AN EXECUTABLE IMAGE"                         | <b>MACROVISION CORPORATION</b>             | 25/11/2005 | KOLKATA |
| 17. | 207830 | IN/PCT/2000/00028/KOL | 08/01/1999 | 09/01/1998 | " A CREW MANAGEMENT SYSTEM FOR DISTRIBUTING A WORK ORDER TO A GEOGRAPHICALLY DISTRIBUTED FIELD CREW" | <b>ABB POWER T &amp; D COMPANY, INC,</b>   | 20/01/2006 | KOLKATA |
| 18. | 207831 | IN/PCT/2001/00314/KOL | 05/10/1999 | 05/10/1998 | "A METHOD FOR FORMING MULTICOMPONENT GLASS PARTICLES"                                                | <b>LIEKKI OY</b>                           | 10/02/2006 | KOLKATA |
| 19. | 207832 | IN/PCT/2001/00697/KOL | 10/01/2000 | 20/01/1999 | "SYSTEM FOR PROVIDING VIDEO ON DEMAND".                                                              | <b>INTEL CORPORATION</b>                   | 10/02/2006 | KOLKATA |
| 20. | 207834 | IN/PCT/2002/00442/KOL | 17/10/2000 | 18/10/1999 | "THIN-WALLED CYLINDER MADE FROM FIBRE-REINFORCED PLASTICS MATERIAL "                                 | <b>STORK SCREENS B.V.</b>                  | 21/04/2006 | KOLKATA |
| 21. | 207841 | 00163/KOLNP/2003      | 10/08/2001 | 22/08/2000 | CONTROLLED RELEASE UREA-FORMALDEHYDE LIQUID FERTILIZER RESINS.                                       | <b>GEORGIA-PACIFIC RESINS,INC.,</b>        | 03/02/2006 | KOLKATA |
| 22. | 207842 | 00548/KOLNP/2004      | 13/08/2003 | 14/08/2002 | METHOD FOR SCHEDULING TRANSMISSION OF MBMS DATA IN UMTS                                              | <b>LG ELECTRONICS INC.</b>                 | 17/03/2006 | KOLKATA |
| 23. | 207843 | 00789/KOLNP/2004      | 28/10/2003 | 15/11/2002 | AN ABRASIVE PRECIPITATED SILICA, A DENTRIFICE THEREOF, AND A METHOD OF PREPARING SAID DENTRIFICE.    | <b>J.M. HUBER CORPORATION</b>              | 17/02/2006 | KOLKATA |

|     |        |                       |            |            |                                                                                                |                                                                     |            |         |
|-----|--------|-----------------------|------------|------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------|---------|
| 24. | 207844 | 01485/KOLNP/2003      | 16/05/2001 | 16/05/2001 | A GLASS MELTING FURNACE DEVICE AND A METHOD OF OPERATING THEREFOR.                             | <b>OWENS CORNING ,THE BOC GROUP, INC.,</b>                          | 25/11/2005 | KOLKATA |
| 25. | 207845 | 01720/KOLNP/2004      | 16/05/2003 | 20/05/2002 | MATRIX TYPE PATCH CONTAINING BRONCHODILATORS                                                   | <b>AHN-GOOK PHARMACEUTICAL CO. LTD. ,ICURE PHARMACEUTICAL CORP.</b> | 04/11/2005 | KOLKATA |
| 26. | 207846 | IN/PCT/2001/00848/KOL | 08/03/2000 | 17/03/1999 | "AN IMPROVED PROCESS OF EMULSION CRYSTALIZATION WITH RECYCLE OF EMULSION"                      | <b>REUTER CHEMISCHE APPARATEBAU KG</b>                              | 10/02/2006 | KOLKATA |
| 27. | 207847 | IN/PCT/2001/00895/KOL | 21/03/2000 | 24/03/1999 | A METHOD FOR REMOVING IODIDE COMPOUNDS FROM A NON-AQUEOUS ORGANIC MEDIUM                       | <b>CELANESE INTERNATIONAL CORPORATION</b>                           | 03/02/2006 | KOLKATA |
| 28. | 207848 | IN/PCT/2002/00456/KOL | 11/10/2000 | 23/10/1999 | FIXED COMB                                                                                     | <b>STAEDTLER &amp; UHL</b>                                          | 13/01/2006 | KOLKATA |
| 29. | 207849 | IN/PCT/2002/818/KOL   | 22/05/2000 | 21/12/1999 | MILL CLASSIFIER, PARTICULARLY ROLLER MILL CLASSIFIER FOR A RISING GRINDING MATERIAL FLUID FLOW | <b>LOESCHE GMBH</b>                                                 | 03/02/2006 | KOLKATA |