

1) Family number: 56601283 (US2014150782A)

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Title: CLOSED SUCTION CLEANING DEVICES, SYSTEMS AND METHODS

Abstract: A closed suction system module is provided. In one embodiment, the closed suction system module comprises a coupling member configured to couple to a suction port of a multi-port manifold or endotracheal tube adapter (e.g., dual-port or tri-port adapter). In one embodiment, the closed suction system module comprises a suction catheter configured to clean the interior surfaces of body-inserted tubes or artificial airways (alone or in addition to suctioning natural airways or portions of the respiratory tract or other body lumens). The suction catheter may comprise a cleaning portion at a distal portion of the suction catheter (e.g., near the distal end or tip of the suction catheter). In some embodiments, the cleaning portion comprises at least one expandable cleaning member (e.g., balloon, sleeve, wiper).

Classifications:

International (IPC 8-9): A61B1/12 A61M1/00 A61M16/04

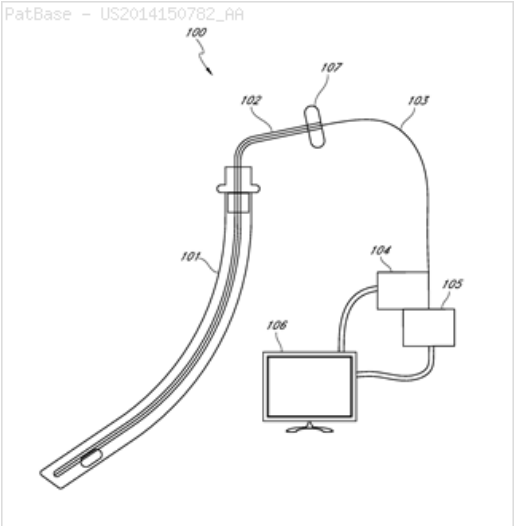
A61M25/10 (Advanced/Invention)

CPC: A61M16/0463 A61B1/126 A61M16/04 A61M16/0434 A61M16/0477

A61M25/10 A61M25/1018 A61M25/10181 A61M25/10184 A61M2025/1086

A61M16/0484

US: 1/1 128/202.16 604/319



Family:

Publication number	Publication date	Application number	Application date
EP2928517 A1	20151014	EP20130860779	20131203
EP2928517 A4	20160601	EP20130860779	20131203
US2014150782 AA	20140605	US20130095785	20131203
US2019046751 AA	20190214	US20180009550	20180615
US2019151587 AA	20190523	US20190259744	20190128
US10004863 BB	20180626	US20130095785	20131203
WO14089028 A1	20140612	WO2013US72790	20131203

Priority:

US20120733371P 20121204 US20130095785 20131203 WO2013US72790 20131203
US20180009550 20180615 US20190259744 20190128

Probable Assignee: ENDOCLEAR LLC

Assignee(s): (std): ENDOCLEAR LLC

Inventor(s): (std): VAZALES BRAD EUGENE ; BERTOLERO ARTHUR A ; CHERSKY DAVID MARK

Agent(s): REES KERRY; KNOBBE MARTENS OLSON AND BEAR LLP; CHRISTENSEN MICHAEL R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT HW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 34300347 (US2007083677A)

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Title: VALVES, DEVICES, AND METHODS FOR ENDOBRONCHIAL THERAPY

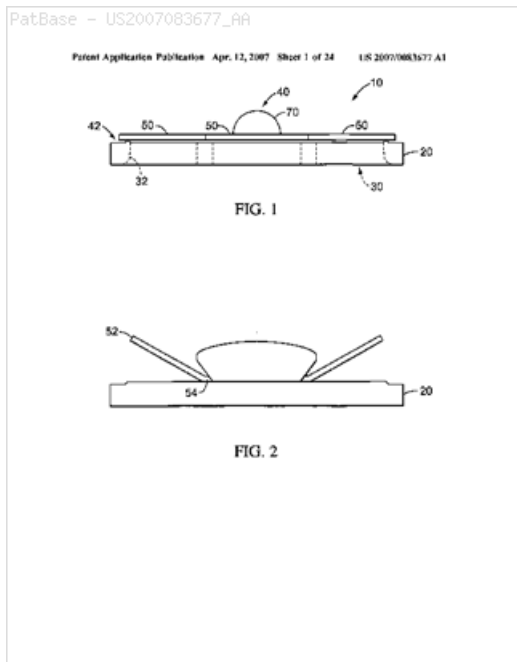
Abstract: Various valves, adapters, ventilator circuits, and methods are disclosed. In one or more embodiments, a valve includes a support that includes a plurality of apertures. The support includes a center and an outer edge. The plurality of flaps includes a flap for each aperture. Each flap has an end connected proximal to the center of the support. Each flap is capable of moving between a closed position and an opened position.

Classifications:

International (IPC 8-9): A61M A61M11/00 A61M16/00 A61M16/08

A61M16/20 F16K F16K1/18 F16K15/14 G06F3/00 (Advanced/Invention);

A61M16/00 A61M16/08 A61M16/20 F16K15/14 G06F3/00 (Core/Invention);
A61M F16K (Subclass/Invention)
CPC: F16K1/18 A61M11/00 Y10T137/7891 A61M16/208 F16K15/14
A61M15/00 A61M15/0015 A61M15/0018 A61M15/025 A61M16/0833
A61M16/0841 A61M16/1045 F16K15/148
European: A61M16/20B F16K15/14J K61M15/00 K61M15/00A11B
K61M15/00A12
US: 137/855 710/1
JP F-Term: 3H058 3H058/AA14 3H058/BB14 3H058/BB37 3H058/CA03
3H058/CA22 3H058/CB02 3H058/EE20 4C103
JP F-Index: A61M16/00/370/Z A61M16/08 A61M16/20/E F16K15/14/A



Family:

Publication number	Publication date	Application number	Application date
AU2006287934 AA	20070315	AU20060287934	20060518
AU2006287934 BB	20121213	AU20060287934	20060518
BRPI0610062 A2	20100525	BR2006PI10062	20060518
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CN101184522 B	20111221	CN200680018321	20060518
DE602006042071 D1	20140807	DE200660042071T	20060518
EP1893273 A2	20080305	EP20060824753	20060518
EP1893273 B1	20140625	EP20060824753	20060518
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KR20080017375 A	20080226	KR20077029554	20060518
MX2007014531 A1	20080429	MX20070014531	20060518
US2007083677 AA	20070412	US20060436239	20060518
US2015114504 AA	20150430	US20140566471	20141210
WO07030162 A2	20070315	WO2006US19446	20060518
WO07030162 A3	20071115	WO2006US19446	20060518

Priority:

US20050682099P 20050518 US20050722637P 20050929 EP20060824753 20060518
US20060436239 20060518 WO2006US19446 20060518 US20140566471 20141210

Probable Assignee: NEKTAR THERAPEUTICS

Assignee(s): (std): ALSTON WILLIAM W ; CECKA WALTER ; COHEN GAL ; FISHER WINFIELD ; HALL GREGORY W ; NEKTAR THERAPEUTICS ; SMITH ADRIAN E ; NOVARTIS AG

Assignee(s): WELLS FARGO BANK NATIONAL ASSOCIATION COLLATERAL A ; WELLS FARGO BANK NATIONAL ASSOCIATION COLLATERAL AGENT AS ; NOVARTIS PHARMA AGLICHTSTRASSE 35CH-4056BASELCH ; NOVARTIS AGLICHTSTRASSE 35CH-4056BASELCH ; NEKTAR THERAPEUTICS201 INDUSTRIAL ROADSAN CARLOSCA94070US ; NEKTAR THERAPEUTICS CORP SAN FRANCISCO ; NOVARTIS PHARMA AG

Inventor(s): (std): GAL COHEN ; WALTER CECKA ; WINFIELD FISHER ; HALL GREGORY W ; ALSTON WILLIAM W ; CECKA WALTER ; FISHER WINFIELD ; SMITH ADRIAN E ; COHEN GAL

Inventor(s): GREGORY W HALL ; WILLIAM W ALSTON ; ADRIAN E SMITH ; SMITH ADRIAN ; HALL GREGORY ; ALSTON WILLIAM ; HALL GREGORY WUS ; COHEN GALUS ; FISHER WINFIELDUS ; ALSTON WILLIAM WUS ; SMITH ADRIAN EUS ; CECKA WALTERUS ; CECKA WALTER BERKELEY ; HALL GREGORY W REDWOOD CITY ; COHEN GAL SAN FRANCISCO ; FISHER WINFIELD CASTRO VALLEY ; ALSTON WILLIAM W SAN JOSE ; SMITH ADRIAN E EMERALD HILLS

Agent(s): GRIFFITH HACK; GOWLING LAFLEUR HENDERSON LLP; MCLEISH NICHOLAS ALISTAIR MAXWELL; BOULT WADE TENNANT; CLT PATENT AND TRADEMARK HK LTD; NEKTAR THERAPEUTICS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

3) Family number: 16933389 (DE29711062U1)

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Title: Inhalation equipment

Abstract: Source: DE29711062U1 [DE] (Claim 1) ? ? ' ss. Patentanwalt Dip l. - I ng. Mario Wagner, Technologiezentrum am Europaplatz, 52068 AachenAnmelder: Almandinger, Dommer m uth, Winkens, Moeller Abzweigung aus DE 197 26 036.5Anwaltsaktenzeichen: A09-004SCHUTZANSPRUECHE: 1.

Machine translation: (Claim 1)? ? 'ss. Patent lawyer Dip l. - I ng. Mario Wagner, technology center at the European place, 52068 Aachen applicants: Almandinger, Dommer m uth, signing, Moeller branching from DE 197 26 036.5Anwaltsaktenzeichen: A09-004REQUIREMENTS FOR PROTECTION: 1.

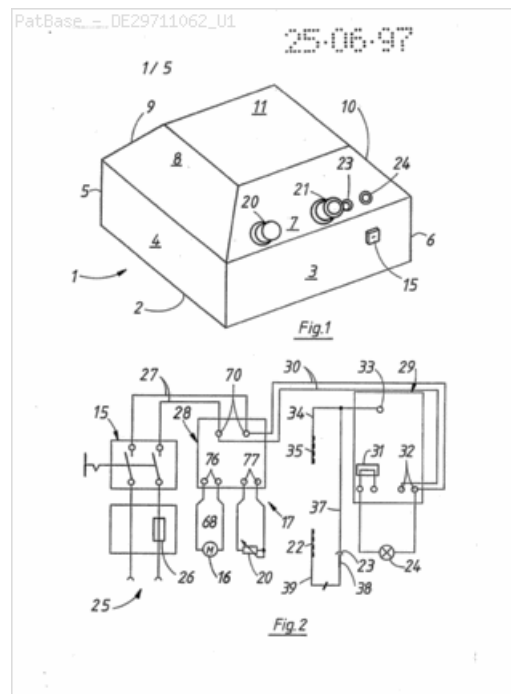
Classifications:

International (IPC 8-9): A61M15/02 H01T23/00 (Advanced/Invention);
A61M15/02 H01T23/00 (Core/Invention)

International (IPC 1-7): A61M15/02 H01T23/00

CPC: A61M15/02 H01T23/00

European: A61M15/02 H01T23/00

**Family:**

Publication number	Publication date	Application number	Application date
DE29711062 U1	19971106	DE19972011062U	19970619

Priority:

DE19961052582 19961217 DE19971026036 19970619 DE19972011062U 19970619

Probable Assignee: ALMANDINGER MARKUS

Assignee(s): (std): ALMANDINGER MARKUS ; DOMMERMUTH MICHAEL ; MOELLER ERICH ; WINKENS KARL HEINZ

Assignee(s): MOELLER ERICH 52525 HEINSBERG DE ; WINKENS KARL HEINZ VLODROP NL ; DOMMERMUTH MICHAEL 52074 AACHEN DE ; ALMANDINGER MARKUS 52525 HEINSBERG DE

4) Family number: 23469402 (US2003055034A)

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Title: INHALABLE AZTREONAM FOR TREATMENT AND PREVENTION OF PULMONARY BACTERIAL INFECTIONS

Abstract: A method and a composition for treatment of pulmonary bacterial infections caused by gram-negative bacteria suitable for treatment of infection caused by Escherichia coli, Klebsiella pneumoniae, Klebsiella oxytoca, Pseudomonas aeruginosa, Haemophilus influenzae, Proteus mirabilis, Enterobacter species, Serratia marcescens as well as those caused by Burkholderia cepacia, Stenotrophomonas maltophilia, Alcaligenes xylosoxidans, and multidrug resistant Pseudomonas aeruginosa, using a concentrated formulation of aztreonam, or a pharmaceutically acceptable salt thereof, delivered as an aerosol or dry powder formulation.

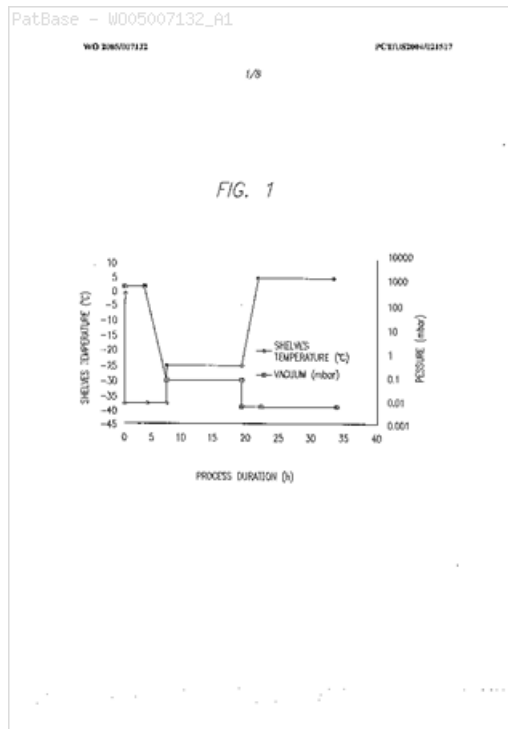
FDA Data:

Application number	Active ingredient	Proprietary name	Applicant	Date of approval
050814	AZTREONAM	CAYSTON	GILEAD	Feb 22, 2010

Classifications:

International (IPC 8-9): A01K31/16 A01N33/10 A01N33/16 A01N33/24
A01N41/06 A01N43/78 A61K A61K31/13 A61K31/15 A61K31/16
A61K31/18 A61K31/198 A61K31/397 A61K31/425 A61K31/426
A61K31/427 A61K31/7036 A61K38/00 A61K47/02 A61K47/18 A61K47/26
A61K9/00 A61K9/08 A61K9/12 A61K9/127 A61K9/14 A61K9/19 A61K9/72
A61L9/04 A61M11/00 A61M13/00 A61M15/00 A61M16/14 A61P11/00
A61P11/08 A61P31/04 C07D205/08 C07D205/09

C07D417/12 (Advanced/Invention);
A61K31/00 A61K9/00 A61P11/00 (Core/Invention);
A61K (Subclass/Invention)
International (ipc 1-7): A61K31/13 A61K31/397 A61K31/425
A61K31/427 A61K38/00 A61K47/02 A61K47/18 A61K47/26 A61K9/00
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CPC: Y10S514/837 Y10S514/924 Y10S514/932 Y10S514/933
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A61K9/0078 A61K9/008 A61K31/198 A61K31/397 A61K31/427
A61K31/7036
European: A61K31/397 A61K31/427 A61K9/00M20B A61K9/00M20B3
A61K9/00M20B5 A61K9/00M20B6
US: 1/1 128/200.14 128/200.140S 128/200.16 128/200.160S 128/203.12
128/203.14 128/203.15 424/400 424/400P 424/45 424/45P 424/45S
424/46 424/46P 424/46S 424/489 424/489P 514/1.1 514/1.8 514/177
514/2 514/2.8 514/210.03 514/210.15 514/210.150P 514/210.150S
514/365 514/370 514/40 514/601 514/640 514/646 514/837 514/924
514/932 514/933 514/951 540/200 540/355
JP F-Term: 4C063 4C063/AA01 4C063/BB09 4C063/CC62 4C063/DD02
4C063/EE01 4C076 4C076/AA19 4C076/AA25 4C076/AA26 4C076/AA93
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4C086/AA02 4C086/BC82 4C086/GA07 4C086/GA10 4C086/GA13
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A61P31/04 C07D417/12 A61K9/08 A61K9/14 A61K9/19 A61P11/08



Family:

Publication number	Publication date	Application number	Application date
AR053305 AA	20070502	AR2005P102723	20050630
AT502623 E	20110415	AT20010991523T	20011220
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EP1641436 B2	20170510	EP20040777564	20040701
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Priority:

US20000258423P 20001227

US20000258423 20001227

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EP20010091422 20011220 CA20012708703 20011220 CA20012709703 20011220
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Probable Assignee: GILEAD SCIENCES INC

Assignee(s): (std): CORUS PHARMA INC ; GILEAD SCIENCES INC ; GILEAD SCIENCES IN ; LINTZ FRANK CHRISTOPHE ; KELLER MANFRED ; GILEAD SCIENCES ; SALUS PHARMA INC ; MONTGOMERY ALAN BRUCE ; MONTGOMERY ALAN B

Assignee(s): SALUS PHARMA INC C O CORUS PHARMA INC ; MONTGOMERY ALAN BRUCE C O CORUS PHARMA INC ; BAKER WILLIAM C O CORUS PHARMA INC ; CARBONARO PETER ; GILEAD SCIENCES INC FOSTER CITY ; DUNCAN IAIN

Inventor(s): (std): LINTZ FRAN CHRISOPHE ; FRANK CHRISOPHE LINTZ ; BRUCE MONTGOMERY ALAN ; MONTGOMERY ALAN ; ALAN BRUCE MONTGOMERY ; MANFRED KELLER ; FRANK CHRISTOPHE LINTZ ; LINTZ FRANK CHRISTOPHE ; MONTGOMERY ALAN B ; CARBONARO PETER ; DUNCAN IAIN ; KELLER MANFRED ; LINTZ FRANK CHRISOPHE ; MONTGOMERY ALAN BRUCE

Inventor(s): BRUCE ALAN MONTGOMERY ; LINTZ FRANK CHRITOPHE ; MONTGOMERY ALAN BRUCE BELLEVUE

Agent(s): FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; PHILLIPS ORMONDE FITZPATRICK; SPRUSON AND FERGUSON; GOWLING LAFLEUR HENDERSON LLP; LOUIS POEHLAU LOHRENTZ; SEXTON JANE HELEN; J A KEMP; UNGRIA JAVIER; PONS ANGEL; WILKINSON AND GRIST; HK PAT IP LTD; LUZZATTO AND LUZZATTO; SUGIMURA KOSAKU; IWASA YOSHIYUKI; YESIM METIN; HANA VERNY PETERS VERNY JONES AND SCHMITT LLP; PETERS VERNY LLP; PETERS VERNY JONES SCHMITT AND ASTON LLP; HANA; VERNY HANA; VERNY LLP PETERS; PETERS; GILEAD SCIENCES INC; STEVEN R

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

5) Family number: 47547452 (US2010286791A)

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Title: INTEGRATED SYSTEM FOR THE BALLISTIC AND NONBALLISTIC INFIXION AND RETRIEVAL OF IMPLANTS

Abstract: Provided are methods and apparatus for the use of magnetic traction to maintain the patency of a tubular anatomical structure, whether a vessel, duct, the trachea, bronchus, bile duct, ureter, vas deferens, fallopian tube, or portions of the digestive tract, as to constitute means for extraluminal stenting. An extraluminal stent consists of a perimedial or medial intravascular and an extravascular component. The intravascular component consists of ferromagnetic spherules implanted aeroballistically or stays implanted by means of a special hand tool, while the extravascular component consists of a pliant jacket or mantle that has magnets mounted about its outer surface. A catheter adapted for use as the barrel of a gas-operated implant insertion gun is so devised that it can be used independently to perform an angioplasty and thereafter have its free or extracorporeal end inserted into the airgun to initiate implantation of the intravascular component without the need for withdrawal and reinsertion through the introducer sheath. When the implants must be spaced too closely together to be controlled by hand, a positional control system is used to effect discharge automatically. Spherules that consist entirely of medication or that have a radiation emitting seed as the core can be implanted with the same apparatus. A glossary of terms follows the specification.

Classifications:

International (ipc 8-9): A61B17/28 A61B17/50 A61B18/04 A61F13/00

A61F2/04 A61F2/82 A61F2/95 A61M25/00 A61M31/00 A61M36/12

A61M37/00 (Advanced/Invention)

CPC: A61F2/95 A61M37/00 A61B17/12022 A61B17/00491 A61B17/0057

A61B17/12118 A61B17/12181 A61B17/3468 A61B18/04 A61B18/18

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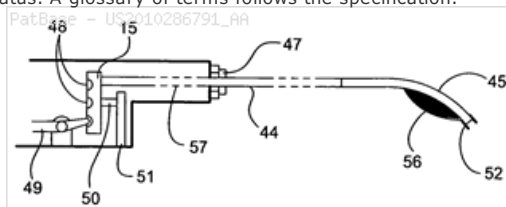
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K61B18/04 K61B18/18

US: 600/8 600/8S 602/43 602/43S 604/500 604/523 604/523S 604/524 604/524S 604/93.01 604/93.010S 606/205 606/205S

606/211 606/211S 606/27 606/27S 623/1.11 623/23.7 623/23.700P



Family:

Publication number	Publication date	Application number	Application date
US2010286791 AA	20101111	US20070986021	20071119
US2014163664 AA	20140612	US20130694835	20130109

Priority:

US20060860392P 20061121 US20070986021 20071119 US20130694835 20130109

Probable Assignee: GOLDSMITH DAVID S

Assignee(s): (std): GOLDSMITH DAVID S

Inventor(s): (std): GOLDSMITH DAVID S

Agent(s): DAVID S GOLDSMITH

6) Family number: 42077453 (US2008230053A)

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Title: PULSE DRUG NEBULIZATION SYSTEMS, FORMULATIONS THEREFORE, AND METHODS OF USE

and occluder inhalative oronasal mask arranged in a user or patient. According to the present invention, the probes also receives a metered dose inhaler which additionally receives an anesthesia circuit with two probes enteral, a left and a right probe enteral nutrition enteral tube. The technological field of the invention is in the field of respiratory therapy medical devices, to be used in patients assisted by non-invasive mechanical ventilation and concomitant use of enteral probes with requirement of inhaled medications.

Classifications:

International (IPC 8-9): A61M16/04 A61M16/06 A61M16/08 A61M25/02 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO20180008861 A1	20190228	CO20180008861	20180824

Priority:

CO20180008861 20180824

Probable Assignee: FUND VALLE DEL LILI

Assignee(s): (std): FUND VALLE DEL LILI ; QUINTERO OSORIO OSCAR IVAN

Assignee(s): FUNDACION VALLE DEL LILI

Inventor(s): (std): QUINTERO OSORIO OSCAR IVAN

8) Family number: 43761684 (US2011011395A)

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Title: VENTILATION CIRCUIT ADAPTOR AND PROXIMAL AEROSOL DELIVERY SYSTEM

Abstract: An adaptor for delivering an aerosolized active agent to a patient with concomitant positive pressure ventilation includes an aerosol flow channel having an aerosol inlet port and a patient interface port, and defining an aerosol flow path from the aerosol inlet port to and through the patient interface port; and a ventilation gas flow channel in fluid communication with the aerosol flow channel and having a gas inlet port and a gas outlet port, and defining a ventilation gas flow path from the gas inlet port to and through the gas outlet port, wherein the ventilation gas flow path is at least partially offset from the aerosol flow path and at least partially encircles the aerosol flow path. Systems and methods for delivering an aerosolized active agent to a patient with concomitant positive pressure ventilation incorporate the adaptor.

Classifications:

International (IPC 8-9): A61M A61M11/00 A61M11/02 A61M15/00 A61M15/08 A61M16/00 A61M16/06 A61M16/08 A61M16/10 A61M16/12 A61M16/14 A61M16/16 A61M16/20 A61M39/10 A61M39/22 A61N1/362 A61N1/365 B23P11/00 (Advanced/Invention); A61M11/02 A61M16/00 A61M16/16 A61M39/10 A61M39/22 (Advanced/Non-invention); A61M11/00 A61M15/00 A61M15/08 A61M16/00 (Core/Invention)

International (IPC 1-7): A61M11/00

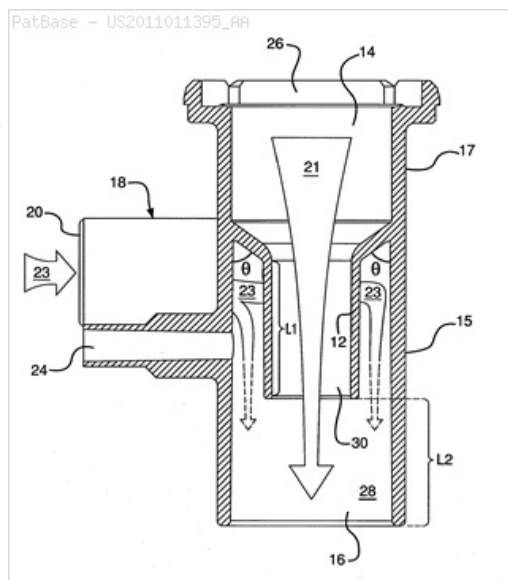
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European: A61M16/08D

US: 1/1 128/200.14 128/202.13 128/202.130P 128/203.12 128/203.29 128/205.24 128/205.240S 137/15.01

JP F-Term: 4C103

JP F-Index: A61M16/00/375 A61M16/06/A A61M16/06/C



Family:

Publication number	Publication date	Application number	Application date
AU2009225740 AA	20090924	AU20090225740	20090317
AU2009225740 BB	20121115	AU20090225740	20090317
BRPI0908556 A2	20160726	BR2009PI08556	20090317
BRPI0908556 B1	20190716	BR2009PI08556	20090317
CA2718902 AA	20090924	CA20092718902	20090317
CA2718902 C	20140506	CA20092718902	20090317
CY1117293 T1	20170426	CY20161100223T	20160316
DE602009035243 D1	20160128	DE200960035243T	20090317
DK2265309 T3	20160329	DK20090722804T	20090317
EP2265309 A2	20101229	EP20090722804	20090317
EP2265309 A4	20130731	EP20090722804	20090317
EP2265309 B1	20151216	EP20090722804	20090317
ES2565219 T3	20160401	ES20090722804T	20090317
HK1152500 A1	20120302	HK20110106615	20110628
HR20160258 T1	20160422	HR20160000258	20160311
HU028653 T2	20161228	HU20090722804T	20090317
JP2011515153 T2	20110519	JP20110500899T	20090317
JP5507539 B2	20140528	JP20110500899T	20090317
KR101259246 B1	20130429	KR20107023055	20090317

KR20100129770 A	20101209	KR20107023055	20090317
MK6344 T1	20161031	MK20160000136T	20160311
MX2010010139 A1	20110221	MX20100010139	20090317
NZ588478 A	20130628	NZ20090588478	20090317
RS54634 B1	20160831	RS20160000158	20090317
RU2010142290 A	20120427	RU20100142290	20090317
RU2463084 C2	20121010	RU20100142290	20090317
SI2265309 T1	20160429	SI20090031392T	20090317
TR201603217 T4	20160421	TR20160003217T	20090317
US2011011395 AA	20110120	US20090922981	20090317
US2013000641 AA	20130103	US20120584909	20120814
US2013146053 AA	20130613	US20120668541	20121105
US2014158123 AA	20140612	US20140180004	20140213
US8701658 BB	20140422	US20120584909	20120814
US9352114 BB	20160531	US20140180004	20140213
US9592361 BB	20170314	US20090922981	20090317
WO09117422 A2	20090924	WO2009US37409	20090317
WO09117422 A3	20091112	WO2009US37409	20090317
WO13067164 A1	20130510	WO2012US63038	20121101
ZA201007239 A	20110629	ZA20100007239	20101011

Priority:

US20080069850P	20080317	US20080076442P	20080627	US20080076422P	20080627
EP20090722804	20090317	US20090922981	20090317	WO2009US37409	20090317
US20100922981	20100916	US20110555774P	20111104	US20120584909	20120814
US20120668541	20121105	US20140180004	20140213		

Probable Assignee: WINDTREE THERAPEUTICS INC

Assignee(s): (std): DISCOVERY LAB INC ; DISKAVERI LAB INK ; HENDERSON CHRISTOPHER ; MAZELA JAN ; MILLER HOPE M ; HENDERSON CHRISTOPHER R ; WINDTREE THERAPEUTICS INC

Assignee(s): DISKAVERI LABORATORIZ INK ; DISCOVERY LABORATORIES INC ; DISCOVERY LABORATORIES INC WARRINGTON

Inventor(s): (std): MAZELA JAN ; HENDERSON CHRISTOPHER ; JAN MAZELA ; CHRISTOPHER HENDERSON ; KHENDERSON KRISTOFER ; MEJZELA JAN ; MILLER HOPE ; HENDERSON CHRISTOPHER PAUL ; MILLER HOPE M ; HENDERSON CHRISTOPHER R

Inventor(s): MAZELA JAN WARRINGTON

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; RIDOUT AND MAYBEE LLP; SNODIN MICHAEL D; POTTER CLARKSON LLP; VALLEJO JUAN PEDRO; WENPING AND CO; FULYA SUEMERALP; CAESAR RIVISE BERNSTEIN COHEN AND POKOTILOV LTD; CAESAR RIVISE PC; MARINA E; KOZUCH JAMES J

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

9) Family number: 74449747 (WO19095065A1)

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Title: FLOW MEASURING APPARATUS AND INHALATION APPARATUS COMPRISING THE SAME

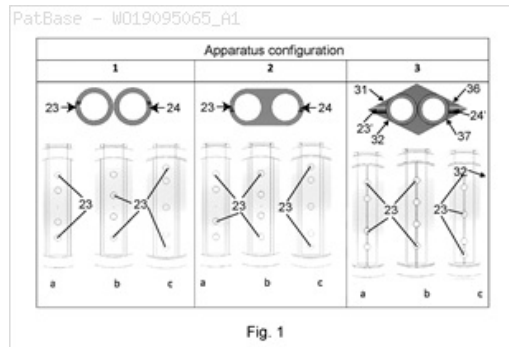
Abstract: The present document describes a flow measuring apparatus for measuring a flow through a section of an inhalation apparatus, comprising at least one set of Pitot tubes first a second Pitot tube and streamlinings extending longitudinally parallel to the Pitot tubes and the set of Pitot tubes is configured for traversing entirely a lumen which define the section of the inhalation apparatus and are respectively fluidly connected to a differential pressure sensor for measuring a difference between a stagnation pressure and a static pressure within the flow measuring apparatus.

Classifications:

International (IPC 8-9): A61B5/087 A61M16/00

G01F1/46 (Advanced/Invention)

CPC: A61B5/087 G01F1/46 A61M16/0688 A61M16/208 A61M2205/3331 A61M2205/3334 A61M2205/3592 A61M2205/50 A61M2205/505 A61M2205/583 A61M2210/0618 A61M2230/40 A61M15/00 A61M15/0016 A61M15/0018 A61M15/0086 A61M16/0003 A61M16/0672 A61M2016/0033 A61M2016/0036 A61M2205/3569 A61M2206/10 A61M2209/088 A61M2240/00



Family:

Publication number	Publication date	Application number	Application date
WO19095065 A1	20190523	WO2018CA51453	20181115

Priority:

US20170586366P 20171115

Probable Assignee: PROTECSOM AMERIQUE DU NORD INC

Assignee(s): (std): PROTECSOM AMERIQUE DU NORD INC
Inventor(s): (std): CURRAN EDOUARD ; POREE THIERRY
Agent(s): BENOIT AND COTE INC
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

10) Family number: 52070774 (US2012252709A)

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Title: VESSELS, CONTACT SURFACES, AND COATING AND INSPECTION APPARATUS AND METHODS

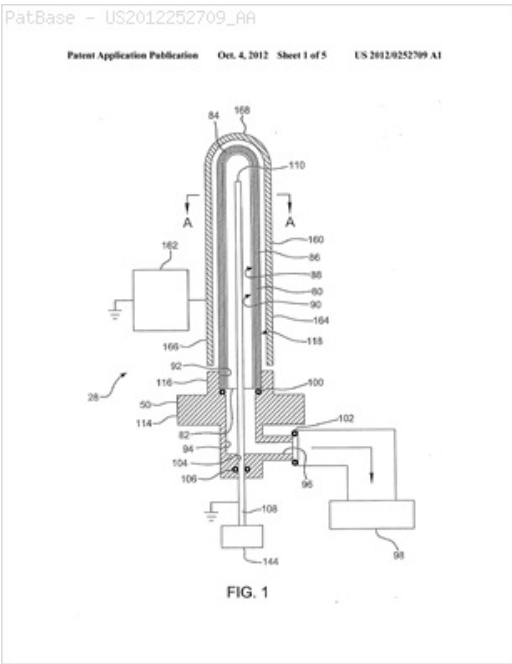
Abstract: Methods for processing a contact surface, for example to provide a gas barrier or lubricity or to modify the wetting properties on a medical device, are disclosed. First and second PECVD or other contact surface processing stations or devices and a contact surface holder comprising a contact surface port are provided. An opening of the contact surface can be seated on the contact surface port. The interior contact surface of the seated contact surface can be processed via the contact surface port by the first and second processing stations or devices. contact surface barrier, lubricity and hydrophobic coatings and coated contact surfaces, for example syringes and medical sample collection tubes are disclosed. A contact surface processing system and contact surface inspection apparatus and methods are also disclosed.

Classifications:

International (IPC 8-9): A61M5/31 C23C16/02 C23C16/04 C23C16/30 C23C16/36 F16C33/20 (Advanced/Invention)

CPC: A61M5/3129 A61M2005/3104 A61M2005/3131 C23C16/0272 C23C16/045 C23C16/30 C23C16/36

US: 1/1 508/100



Family:

Publication number	Publication date	Application number	Application date
US2012252709 AA	20121004	US20120436252	20120330
US9272095 BB	20160301	US20120436252	20120330

Priority:

US20110471056P 20110401 US20120436252 20120330

Probable Assignee: SIO2 MEDICAL PRODUCTS INC

Assignee(s): (std): ABRAMS ROBERT ; FELTS JOHN ; FELTS JOHN T ; FERGUSON JOHN ; FISK THOMAS ; FISK THOMAS E ; PANGBORN ROBERT ; FREEDMAN JONATHAN ; SAGONA PETER ; SIO2 MEDICAL PRODUCTS INC

Assignee(s): TEACHERS RETIREMENT SYSTEM OF ALABAMA

Inventor(s): (std): PANGBORN ROBERT ; FISK THOMAS ; FELTS JOHN ; FREEDMAN JONATHAN ; ABRAMS ROBERT ; SAGONA PETER ; FERGUSON JOHN ; FELTS JOHN T ; FISK THOMAS E

Agent(s): MCANDREWS HELD AND MALLOY LTD

11) Family number: 42163907 (US2010041949A)

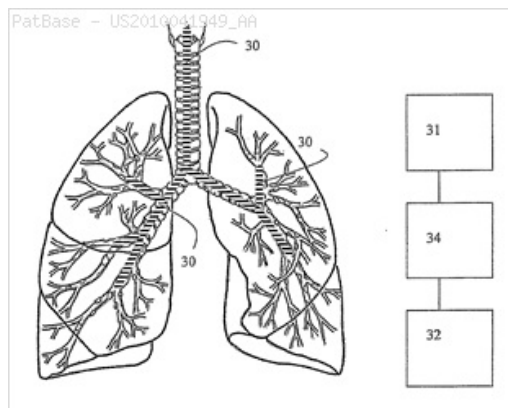
© PatBase

Title: DEVICES AND METHODS FOR PERFORMING MEDICAL PROCEDURES IN TREE-LIKE LUMINAL STRUCTURES

Abstract: Apparatus is described for use with an imaging device (31) that acquires a pre-procedure image of a portion of a subject's body disposed at a pre-procedure position. An input unit receives from a user an indication of two or more lines within the image that correspond to respective branches of a multi-branch luminal structure. A probe (1) moves within the portion along two or more lines in the structure that respectively correspond to the two or more lines within the image. A location sensor (18) coupled to the probe senses location coordinates along the two or more lines, while the portion is at a current position. A control unit (34) registers the image of the portion with the portion's current position by registering (a) the two or more lines within the image, with (b) the location coordinates along the two or more lines. Other embodiments are also described.

Classifications:

International (IPC 8-9): A61B1/00 A61B1/005 A61B1/018 A61B1/04 A61B1/267 A61B17/12 A61B5/00 A61B5/05 A61B5/06 A61B6/00 A61B8/00 A61B8/08 A61B8/12 A61M1/00 (Advanced/Invention); A61B1/018 A61B17/00 A61B19/00 A61B5/00 A61B6/03 A61B8/00 (Advanced/Non-invention); A61B1/04 A61B5/05 A61B8/00 A61M1/00 (Core/Invention)
CPC: A61B1/0052 A61B1/2676 A61B5/064 A61B5/7285 A61B6/03 A61B6/466 A61B6/5247 A61B6/541 A61B8/5238 A61B8/543 A61B17/00491 A61B17/12104 A61B17/12159 A61B2017/1205 A61B5/742 A61B1/018 A61B5/066 A61B8/12 A61B8/4254 A61B34/20 A61B90/36 A61B90/361 A61B2034/105 A61B2034/2051 A61B2090/364 A61B2090/365 A61B2090/3735 A61B2090/378
European: A61B1/005B4 A61B1/267D A61B17/12P5A A61B17/12P7P A61B19/52 A61B19/52H12 A61B5/06C3 A61B6/46B10 A61B8/12 A61B8/52D6 K61B1/018 K61B17/00L K61B17/12P2 K61B19/50B4 K61B19/52D K61B19/52H12 K61B19/52H12B4 K61B19/52H14 K61B19/52H6B K61B19/52L K61B19/52L2 K61B5/72M8 K61B6/03 K61B6/54B K61B8/54B
US: 600/101 600/104 600/106 600/109 600/109P 600/114 600/117 600/117S 600/156 600/424 604/540 604/540S



Family:

Publication number	Publication date	Application number	Application date
EP2117436 A2	20091118	EP20080719969	20080312
EP2117436 A4	20110302	EP20080719969	20080312
US2010041949 AA	20100218	US20080527508	20080312
US2014343408 AA	20141120	US20140446900	20140730
US8821376 BB	20140902	US20080527508	20080312
WO08111070 A2	20080918	WO2008IL00344	20080312
WO08111070 A3	20100218	WO2008IL00344	20080312

Priority:

US20070906199P 20070312 US20070906210P 20070312 US20070924431P 20070515
US20080527508 20080312 WO2008IL00344 20080312 US20090527508 20090918
US20140446900 20140730

Probable Assignee: TOLKOWSKY DAVID

Assignee(s): (std): TOLKOWSKY DAVID

Inventor(s): (std): TOLKOWSKY DAVID

Agent(s): WHITE DUNCAN ROHAN; SUGHRUE MION PLLC; SANFORD T COLB AND CO ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

12) Family number: 50642915 (US2012041279A)

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Title: DEVICES AND METHODS FOR RESPIRATORY VARIATION MONITORING BY MEASUREMENT OF RESPIRATORY VOLUMES, MOTION AND VARIABILITY

Abstract: This invention is directed to devices and methods for assessing a patient. The devices have at least one impedance measuring element functionally connected to a programmable element, programmed to analyze an impedance measurement, and to provide an assessment of at least one respiratory parameter of the patient. Preferably the device includes electronics which aid in calibration, signal acquisition, conditioning, and filtering.

Classifications:

International (IPC 8-9): A61B A61B5/00 A61B5/01 A61B5/02 A61B5/0205 A61B5/024 A61B5/0245 A61B5/0402 A61B5/05 A61B5/053 A61B5/08 A61B5/087 A61B5/091 A61B5/11 A61B5/145 A61B5/1455 A61B5/24 A61H A61H23/00 A61H31/00 A61M1/00 A61M11/00 A61M16/00 A61M16/01 A61N1/04 A61N1/08 A61N1/39 G16H10/60 G16H20/40 G16H50/30 (Advanced/Invention); A61B A61H (Subclass/Invention)

International (IPC 1-7): A61B5/00 A61B5/091

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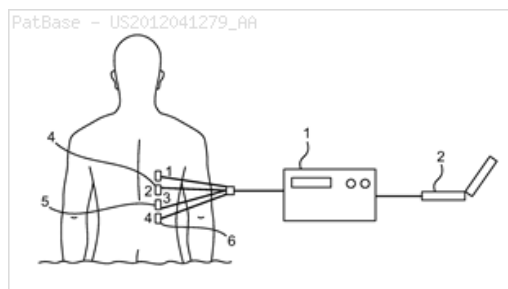
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

13) Family number: 34245953 (US2007044793A)

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Title: INHALER SYSTEM FOR TARGETED MAXIMUM DRUG-AEROSOL DELIVERY

Abstract: A smart inhaler system comprising an inhaler device for directed aerosol delivery facilitated by an adaptive nozzle and a mechanism for inhalation waveform modulation is provided. Methods of using the smart inhaler system for delivering an active agent to a target area of a lung of a subject are further provided.

Classifications:

International (IPC 8-9): A61M11/00 A61M15/08 (Advanced/Invention); A61M11/00 (Core/Invention)

CPC: A61M15/0086 A61M16/208 A61M16/201

European: A61M15/00K A61M16/20B

US: 128/200.14 128/200.140S 128/200.21 128/200.210P 128/200.24 128/203.12 128/203.15 128/203.23

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WO08048234 A3	20081002	WO2006US33596	20060825

US20050711461P 20050826 US20060510288 20060825

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Inventor(s): (std): KLEINSTREUER CLEMENT ; SEELECKE STEFAN

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VM VN ZA ZM ZW