

Search strategy

Query

(STORAGE AND (DISPENSER AND DEVICE AND LIQUID AND MEDICAL AND DOSER))/TX/BI/SA/KEYW/IN/PA

100 Documents

Publication numbers	Title	Current assignees
US4057174 A	Measuring liquid dispenser with flat top	SPECTRUM MEDICAL INDUSTRIES
US20020069876 A1	Arrangement for supplying a medical apparatus with anesthetic	DRAEGER MEDICAL SYSTEMS
CN201719635U U	Prepackaging type doser assembly	SHANDONG ZIBO SHANCHUAN MEDICAL INSTRUMENT
CN202459353U U	Sealing device for thread thrust preloaded doser	CHONGQING LUMMY PHARMACEUTICAL
CN202497450U U	Thrust device used in pushing pre-installed type doser	CHONGQING LUMMY PHARMACEUTICAL
CN202459349U U	Pushing device used on screw-in pre-installed type doser	CHONGQING LUMMY PHARMACEUTICAL
US20120048425 A1	Filling system for an anesthetic dispenser	DRAEGER MEDICAL SYSTEMS
CN201139832U Y	Multi-pipeline chemotherapy infusion pump	PINGHU YIERSHAN MEDICAL APPARATUS
EP2186471 A1	Portable device for communicating medical data information	NOVO NORDISK
US20030005930 A1	Anesthetic container with metering elements	DRAEGERWERK
EP2370045 A1	Cartridge, pharmaceutical dispenser for solid pharmaceutical portions and applications of said cartridge and said pharmaceutical dispenser	BAYER INTELLECTUAL PROPERTY
CN207248808U U	A add device automatically that is used for potentiometric analyzer of on-line monitoring chemistry plating bath stability	CONVINCED THAT LE SI CHEMICAL
US20090095291 A1	Device for adsorbing and desorbing anesthetic	DRAEGERWERK
EP1517655 A1	Device for the manual metering of a medical fluid, particularly bone cement	TECRES
EP-748617 A1	Double dispenser for medicating fluids	MAEJ C O O DONNELL & TESSITORE
US5242434 A	Medical waste handling system	AMERICAN STERILIZER
EP2370327 A1	Cartridge, a pharmaceutical dispenser containing said cartridge and applications of said cartridge and said pharmaceutical dispenser	BAYER INTELLECTUAL PROPERTY
US5243973 A	Metering device for a liquid anesthetic via an intermediate container	DRAEGER MEDICAL SYSTEMS
EP2986268 A1	Liquid dispensing	DANCE BIOPHARM
EP1135056 A1	A medical system and a method of controlling the system for use by a patient for medical self treatment	NOVO NORDISK

Publication numbers	Title	Current assignees
EP2710338 A1	Drop dispenser	SILGAN DISPENSING SYSTEMS HEMER
EP1764074 A2	An intelligent dispensing device for dispensing pill- or capsule-form medications in desired doses	ADDOZ
FR2464459 A1	METERING DEVICE FOR BIOLOGICAL FLUIDS	QUEST MEDICAL
EP2370046 A1	Pharmaceutical dispenser and use thereof	BAYER INTELLECTUAL PROPERTY
EP2632661 A1	Pump for a liquid dispensing hair removal device	GILLETTE
CN104688321 A	Integrated bone cement injection device with stirring function and injection function	ACME TEK MEDICAL DEVICES
FR2250991 A1	Procédé et dispositif pour la lecture et l'enregistrement automatiques de résultats de réaction.	SUOVANIEMI OSMO ANTERO DR MEDICAL HELSINKI
CN105853189 A	Medicine fuming device for urology department nursing	3RD HOSPITAL AFFILIATED TO THE 3RD MILITARY MEDICAL UNIVERSITY
EP1878704 A1	Electrochemical treatment of an aqueous solution	CHEMSTAR, ...
US4169474 A	Liquid medicine dispensers with dose mechanisms for oral and injection therapy	WAGNER WOLFGANG DR MEDICAL
EP1293224 A2	Dispenser for media	APTAR RADOLFZELL
US20090095295 A1	Device for adsorbing and desorbing anesthetic	DRAEGER MEDICAL SYSTEMS
US4244467 A	Device for the extemporaneous preparation of a solution under sterile conditions	SIGMA TAU INDUSTRIE FARMACEUTICHE RIUNITE
CN205867303U U	Thoracic surgery doser	LUO SHIGUAN
US5235971 A	Anesthetic metering device	DRAEGER MEDICAL SYSTEMS
CN207641310U U	Automatic medicine machine that melts of sewage treatment	SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE
EP3355967 A1	Injection apparatus	HASELMEIER
EP1795221 A1	Dispensing device , storage device and method for dispensing a formulation	BOEHRINGER INGELHEIM INTERNATIONAL
EP1079876 A1	A medical apparatus for use by a patient for medical self treatment of diabetes	NOVO NORDISK
CN108030998 A	Otolaryngology dosage adjustable doser	LIU ZENG
US20110297148 A1	Anesthesia system with detachable anesthetic dispensing device	DRAEGERWERK
EP-800841 A1	Jet injector	WAGNER WOLFGANG DR MEDICAL

Publication numbers	Title	Current assignees
CN202459345U U	Preassembled doser	CHONGQING LUMMY PHARMACEUTICAL
EP1357383 A1	High-density lipoprotein assay device and method	ALERE SAN DIEGO, ...
EP-932626 A1	G protein-coupled receptor antagonists	BRIGHAM & WOMENS HOSPITAL, ...
EP2694470 A1	Epoxyeicosatrienoic acid analogs and methods of making and using the same	MEDICAL COLLEGE OF WISCONSIN, ...
EP1406540 A1	Method and system for controlling data information between two portable medical apparatuses	NOVO NORDISK
CN202589955U U	Household traditional Chinese medicine boiling controller	HEBEI UNIVERSITY OF TECHNOLOGY
EP2424486 A2	Medical delivery device with time lapse indicator	NOVO NORDISK, ...
EP1666088 A1	Adaptive senso-motor encoder for visual or acoustic prothesis	TD VERWLTUNGS, ...
EP1235638 A2	Dosing device for liquids	BRAND
EP1472149 A1	Portion control dispenser	INTERNATIONAL DISPENSING
EP-236871 A2	Device for measuring and dispensing fluids device for measuring and dispensing fluids	PHARMA GUMMI WIMMER WEST
EP1690808 A1	Subdivisional fixed amount distributing device for aerosol containers	TAISHO PHARMACEUTICAL, ...
EP3389589 A1	Dosing device	CRUX PRODUCT DESIGN, ...
EP1049502 A2	Device of the manual syringe type for proportioning and dispensing fluid or pasty products	TECNOLOGIA
US4314768 A	Syrup feed system for drink distribution apparatus of the after-mixing type	GOGLIO LUIGI
EP2575940 A1	Gas dispenser for dispensing accurate doses of therapeutic gas from a reservoir containing highly compressed therapeutic gas	CAPNIA
EP2714149 A1	Medical device having user friendly control input	NOVO NORDISK
WO200211795 A1	Device and method for dosing substances	TECPHARMA LICENSING
FR2607129 A1	Devices for making raw water drinkable, by sterilisation, and for distributing it at different temperatures	HANNART MARC
EP1695922 A1	Small fixed quantity dispenser for aerosol container	TAISHO PHARMACEUTICAL, ...
WO200877437 A1	Dosing apparatus for dosing a solid detergent composition being conductive in solution	ECOLAB
EP-652022 A1	Device and method for dispensing powdered medicine in multiple doses	TEIJIN

Publication numbers	Title	Current assignees
EP2055293 A1	A method and apparatus for dosing a medical preparation	SENSIDOS
EP-173876 A1	Method and device for cleaning, disinfecting and sterilizing medical tools, particularly dental tools	SIEMENS
US6540672 B1	Medical system and a method of controlling the system for use by a patient for medical self treatment	NOVO HORDISK
FR2494843 A1	MICROASSAY DEVICE FOR LIQUIDS	INSTITUTE BOTAN AN KAZAK
EP2467758 A2	Fluid indicator	PRECIFLEX
US20130327787 A1	Device and method for dispensing or receiving a liquid volume	ALBERT LUDWIGS UNIVERSITAET FREIBURG, ...
CN201447145U U	Overall package of drug apparatus automatically adding pressure gas in injection	ZHONGSHAN BOTAI PHARMACEUTIC INSTRUMENTS
EP1429835 A1	Cutaneous administration system	HEWLETT PACKARD DEVELOPMENT
EP-549605 A1	Inhalator without propeller gas with foreign air stream.	BOEHRINGER INGELHEIM
EP2632664 A1	Applicator for liquid dispensing hair removal device	GILLETTE
CN2197354U Y	Medicine doser	ZHANG JIFA
EP3485917 A2	Sterilization method with a conditioning agent and sterilant gas	TSO3
EP1349489 A2	A system and a method for monitoring the effectiveness of a medical treatment	MICROLIFE INTELLECTUAL PROPERTY
WO201578265 A1	Device for applying pesticide and method for applying same	BEIJING ZHONGXIANZHINONG TECHNOLOGY
EP1150105 A2	Microdosing system with gas cushion	EPPENDORF
EP-334465 A1	Dosage form for dispensing drug for human therapy.	ALZA
EP3292757 A1	High alcohol content foaming compositions with silicone-based surfactants	DEB IP
EP-772495 A1	Process and device for generating and metering a powdered aerosol	SIEMENS
EP1472511 A1	Dosing device	3M
EP1239905 A2	Storage system for medicaments in powder form and inhaler provided therewith	ASTRAZENECA
GB201105589 D0	An automated liquid reagent dispensing system	WOODLAND GUARDIANS
EP1447110 A1	Micro dosing device	APTAR RADOLFZELL
WO200868626 A2	Dosing device and procedure for plugging branches in fluid transport conduits based on said equipment	ECOPETROL
EP2163901 A1	Method and metering device for metering a fluid into a	ROCHE DIAGNOSTICS, ...

Publication numbers	Title	Current assignees
	receptacle channel of a testing element for bodily fluid analysis	
EP-865302 A1	Inhalator designed to provide multiple doses of a dry pharmacological powder	JAGOTEC, ...
WO9929971 A1	Automatic dosing device for daily human hygienic-disinfecting products	ALONSO FULLOLA FRANCISCO, ...
EP2227981 A1	Applicator bottle	BARTH MARION
EP-197937 A1	Transdermal drug applicator.	DRUG DELIVERY SYSTEMS
EP-334349 A1	Device for the dosed application of a liquid drug	HENNING BERLIN
EP2155572 A1	Liquid dispensing apparatus	Marek Shimansky
EP1711276 A1	A metering pump system	GLAXOSMITHKLINE
EP2269028 A2	Dispensing head	MERZ HARTMUT, ...
EP2502853 A1	Metering device	KALTENBACH & VOIGT
CN101591109 A	High concentration medical waste water purification and recovery treatment system mainly based on flocculation and contact oxidation	BEIJING JINAOHUARONG TECHNOLOGIES
EP-739654 A2	Sprayer, in particular pocket sprayer	SIEMENS
EP2848577 A1	Device for dosing a product into a container	KRONES

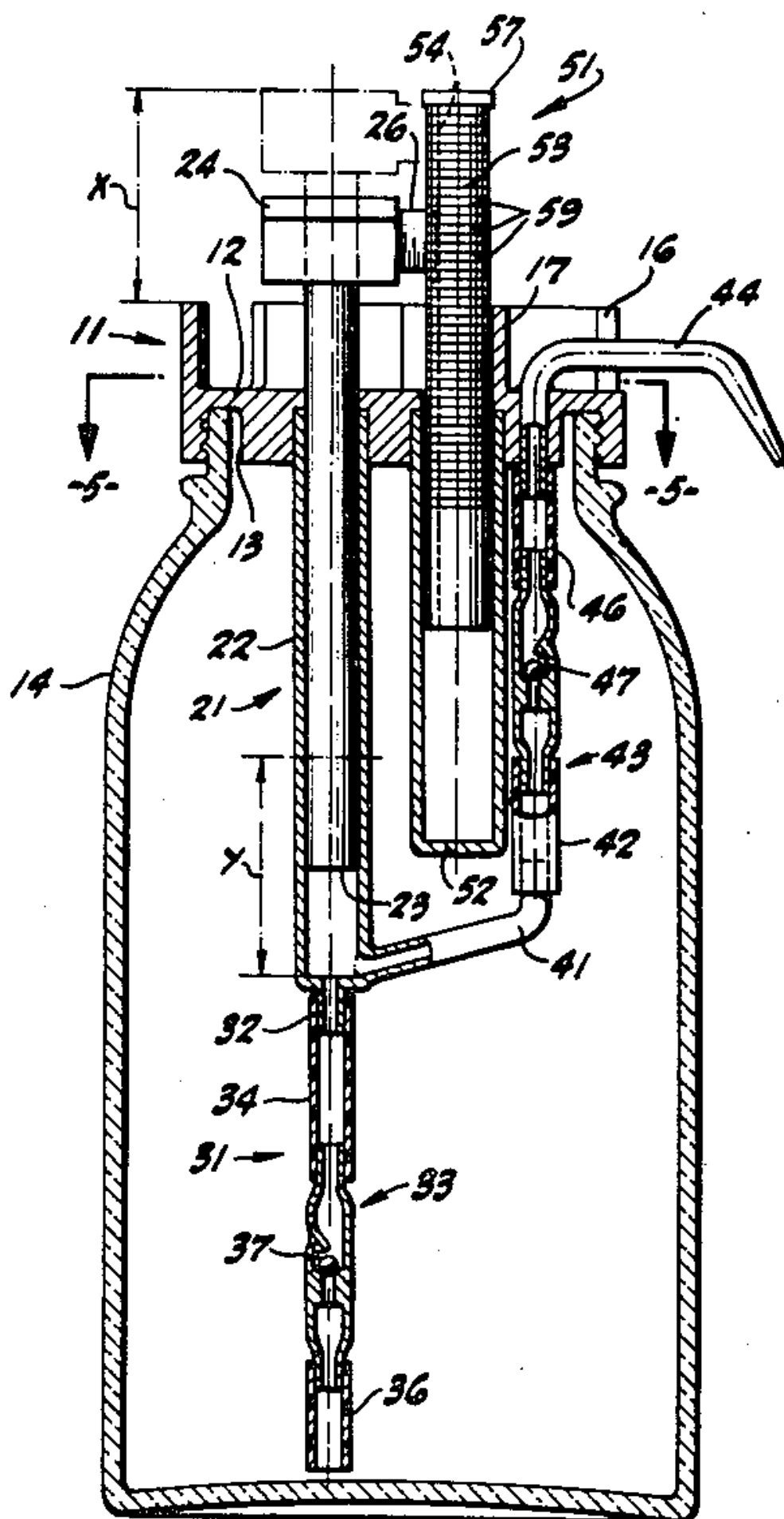
Family 1/100 - FAMPAT - ©Questel

Title

(US4057174)

Measuring liquid dispenser with flat top

Images



Publication data including kind & date

US4057174	A	1977-11-08	US4057174
FR2330455	A1	1977-06-03	FR2330455
FR2330455	B3	1979-07-20	FR2330455
DE2651007	A1	1977-05-12	DE2651007
JPS5258950	A	1977-05-14	JP52058950
ES453116	A1	1977-11-01	ES-453116

**Abstract**

(US4057174)

A **dispenser** adapted for mounting upon a **liquid** container has a manually or machine operable plunger in a depending barrel with check valves communicating the lower end of the barrel with the interior of the container **and** a **dispenser** extending at an angle upwardly therefrom with a vertically slidable gauge having an upper end engaging the plunger to adjustably fix the maximum stroke thereof **and** presenting a substantially flat upper profile in the lowered position of gauge **and** plunger.

Inventors

TRUJILLO JOHN J

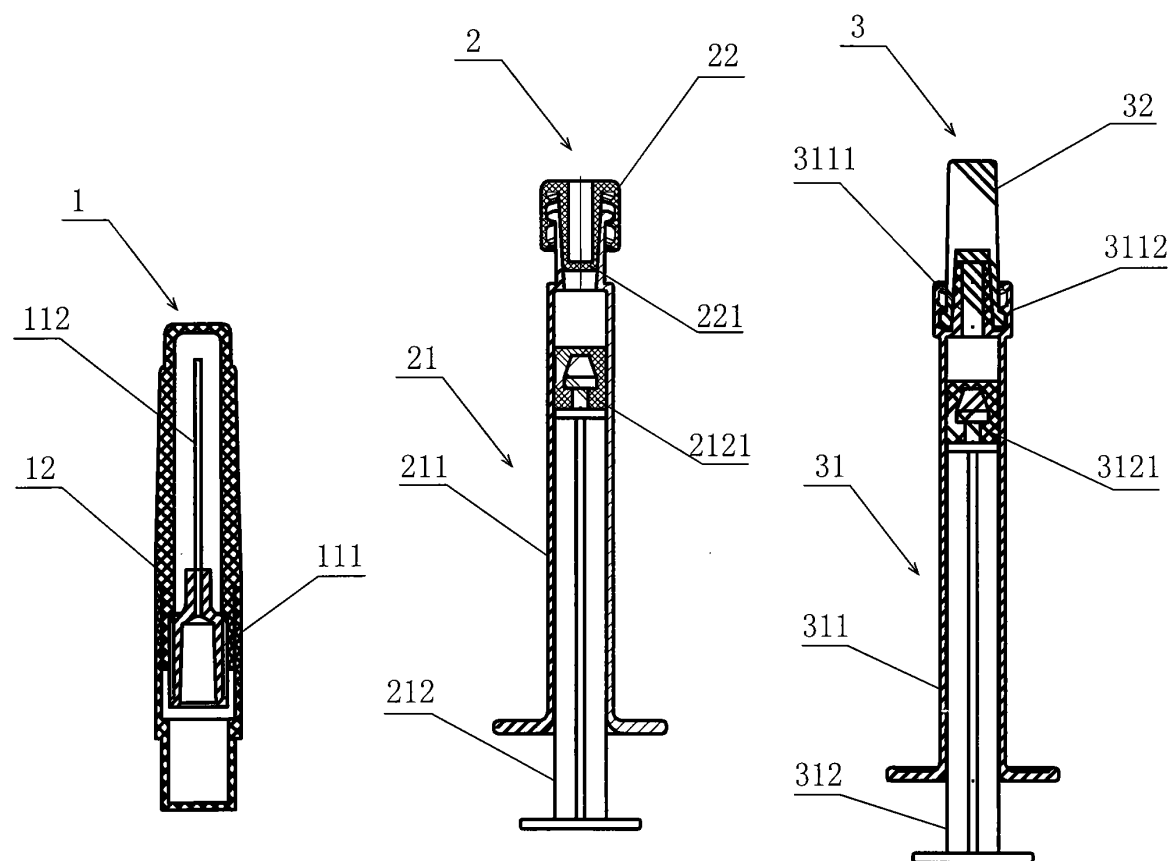
Latest standardized assignees - inventors removedSPECTRUM **MEDICAL** INDUSTRIES

Family 2/100 - FAMPAT - ©Questel

Title

(US6672306)

Arrangement for supplying a **medical** apparatus with anesthetic**Images**

Prepackaging type **doser** assembly**Images****Publication data including kind & date**

CN201719635

U

2011-01-26

CN201719635U

**Abstract**

(CN201719635)

The utility model relates to a prepackaging type **doser** assembly, which comprises a dosing tube assembly, a powder **doser** assembly and an aqua **doser** assembly, wherein the dosing tube assembly comprises a dosing tube and a jacket, the powder **doser** assembly comprises a first **doser** and a first protective cap, the aqua **doser** assembly comprises a second **doser** and a second protective cap, the dosing tube comprises a tube holder and a tube head inserted in the tube holder, the first **doser** comprises a first outer tube and a first push rod, and the second **doser** comprises a second outer tube and a second push rod. The utility model has the advantages that: since liquid medicine is prepackaged in the **doser** assembly, transportation and storage are convenient; when the **doser** assembly needs to be used, the powder **doser** and the aqua **doser** are uniformly prepared, the dosing tube is then screwed on the aqua **doser**, so that injection can be carried out, so the whole operation of preparation and injection is simple and hygienic; moreover, the tube head is made of medical stainless steel, the top end of the tube head is flat, the first and the second protective caps are made of medical polypropylene, consequently, the **doser** assembly is safe and hygienic to use, and cannot easily injure people, and the cost is reduced for users.

Inventors

CHE LINJIE

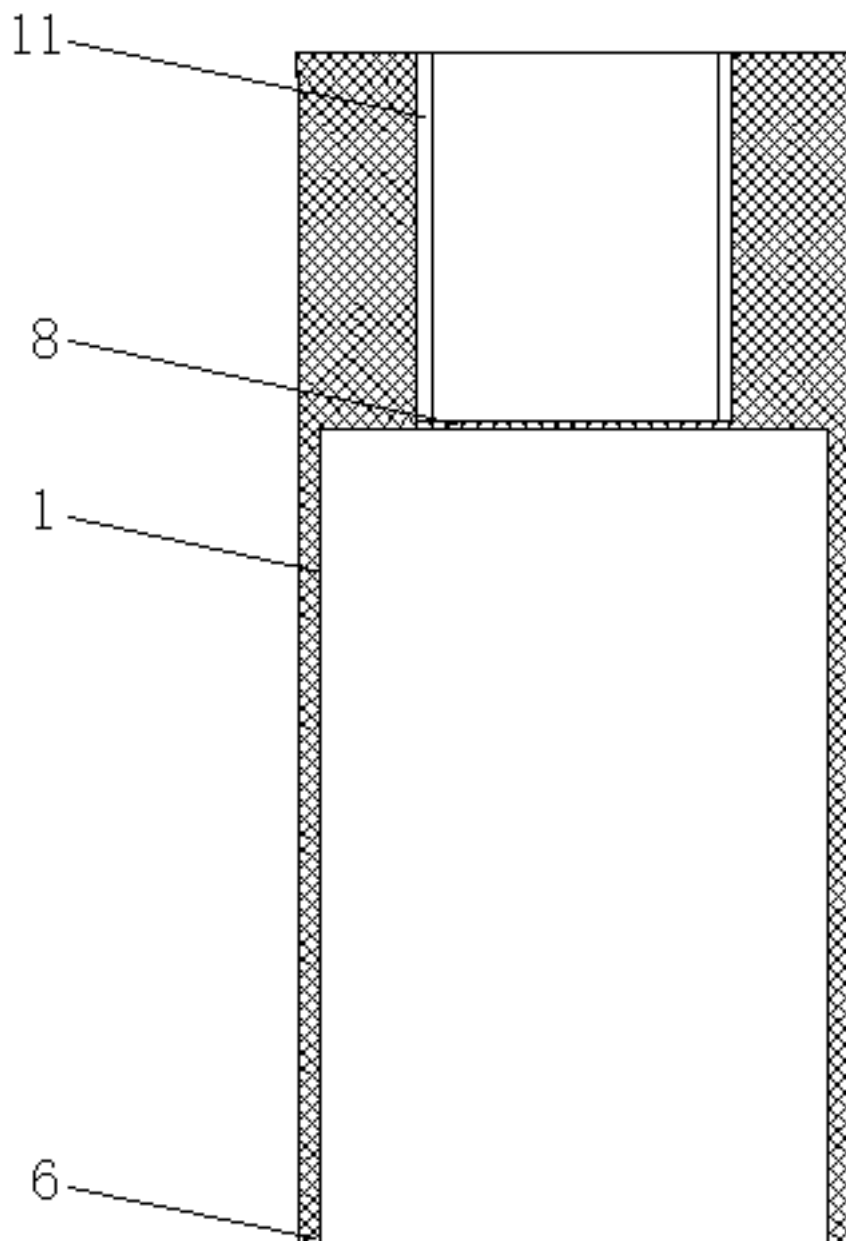
Latest standardized assignees - inventors removedSHANDONG ZIBO SHANCHUAN **MEDICAL** INSTRUMENT

Family 4/100 - FAMPAT - ©Questel

Title

(CN202459353U)

Sealing **device** for thread thrust preloaded **doser****Images**

**Publication data including kind & date**[CN202459353](#)

U

2012-10-03

CN202459353U

**Abstract**

(CN202459353)

The utility model discloses a sealing **device** for a thread thrust preloaded **doser**. The sealing **device** comprises a dosing cylinder. A port connecting end is disposed at one end of the dosing cylinder. A guide groove is axially disposed at the other end of the dosing cylinder. A sealing film near the guide groove is disposed on a cross section of the inner wall of the dosing cylinder. When the **doser** is used, a drug container **and** double dosing needles are preloaded into the dosing cylinder. The drug container **and** the double dosing needles are sealed through a partition film in the port **and** the sealing film in the dosing cylinder. Absolute asepsis in transportation **and** storage is achieved. When drug mixing is performed, the drug container **and** the double dosing needles are pushed through a pressing rod, a sealing plug on the drug container is pierced by an upper needle tip, the partition film is pierced by a lower needle tip, **and** the drug container is communicated with an infusion container instantly **and** aseptically. Accordingly, aseptic sealing during a whole process including transportation, **storage**, connection, drug mixing **and** infusion is achieved.

Inventors

QIU YU

LI KE

YUAN YUAN

LI HONGYU

Latest standardized assignees - inventors removed

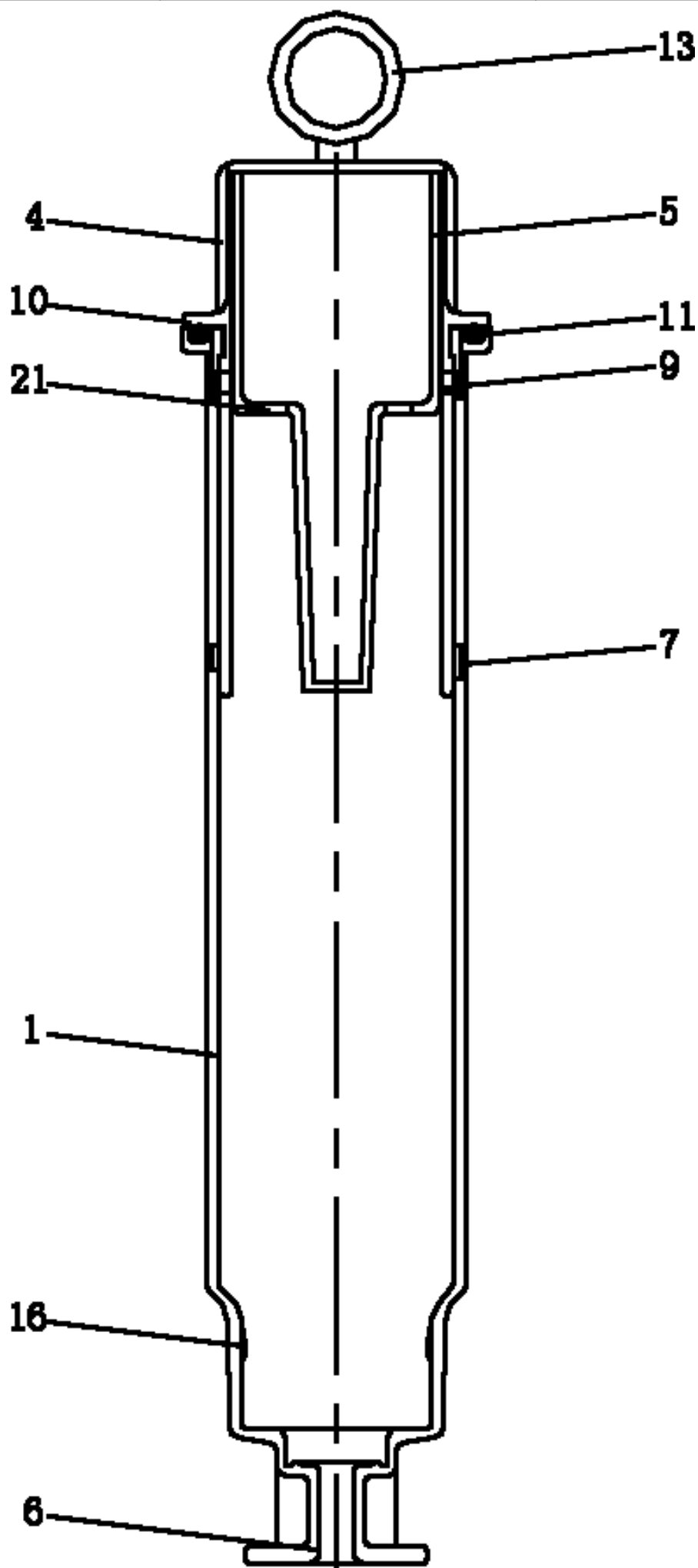
CHONGQING LUMMY PHARMACEUTICAL

Family 5/100 - FAMPAT - ©Questel

Title

(CN202497450U)

Thrust **device** used in pushing pre-installed type **doser****Images**



Publication data including kind & date

CN202497450

U 2012-10-24 CN202497450U

**Abstract**

(CN202497450)

The utility model discloses a thrust **device** used in a pushing pre-installed type **doser**. The **device** comprises a dosing cylinder, a rotary sleeve **and** a pushing rod, wherein a guide spiral groove is arranged on the inner wall of the top of the dosing cylinder, one end of the rotary sleeve extends into the dosing cylinder, **and** the other end of the rotary sleeve is a sealing end, a guide through channel is arranged on a side wall of the rotary sleeve axially, the pushing rod is arranged inside the rotary sleeve axially, **and** a guide block which penetrates through the guide through channel **and** extends into the guide spiral groove is arranged on the pushing rod. During usage, a medicine container **and** double dosing needles are in a sealing state by the aid of a membrane inside a connector **and** the rotary sleeve with the sealing top, a germ-free condition of transportation **and** storage is achieved, the rotary sleeve is rotated **and** the pushing rod is driven to move downwards rapidly along the guide spiral groove **and** push the medicine container, upper needle points of the double dosing needles penetrate through a sealing plug of the medicine container, **and** the lower needle points penetrate through the membrane in the connector, so that the medicine container **and** a transfusion container are communicated instantly, the whole process is in aseptic butt joint, **and** the aseptic sealing of transportation, **storage**, butt joint, medicine mixing **and** transfusion can be achieved.

Inventors

QIU YU

LI KE

YUAN YUAN

LI HONGYU

Latest standardized assignees - inventors removed

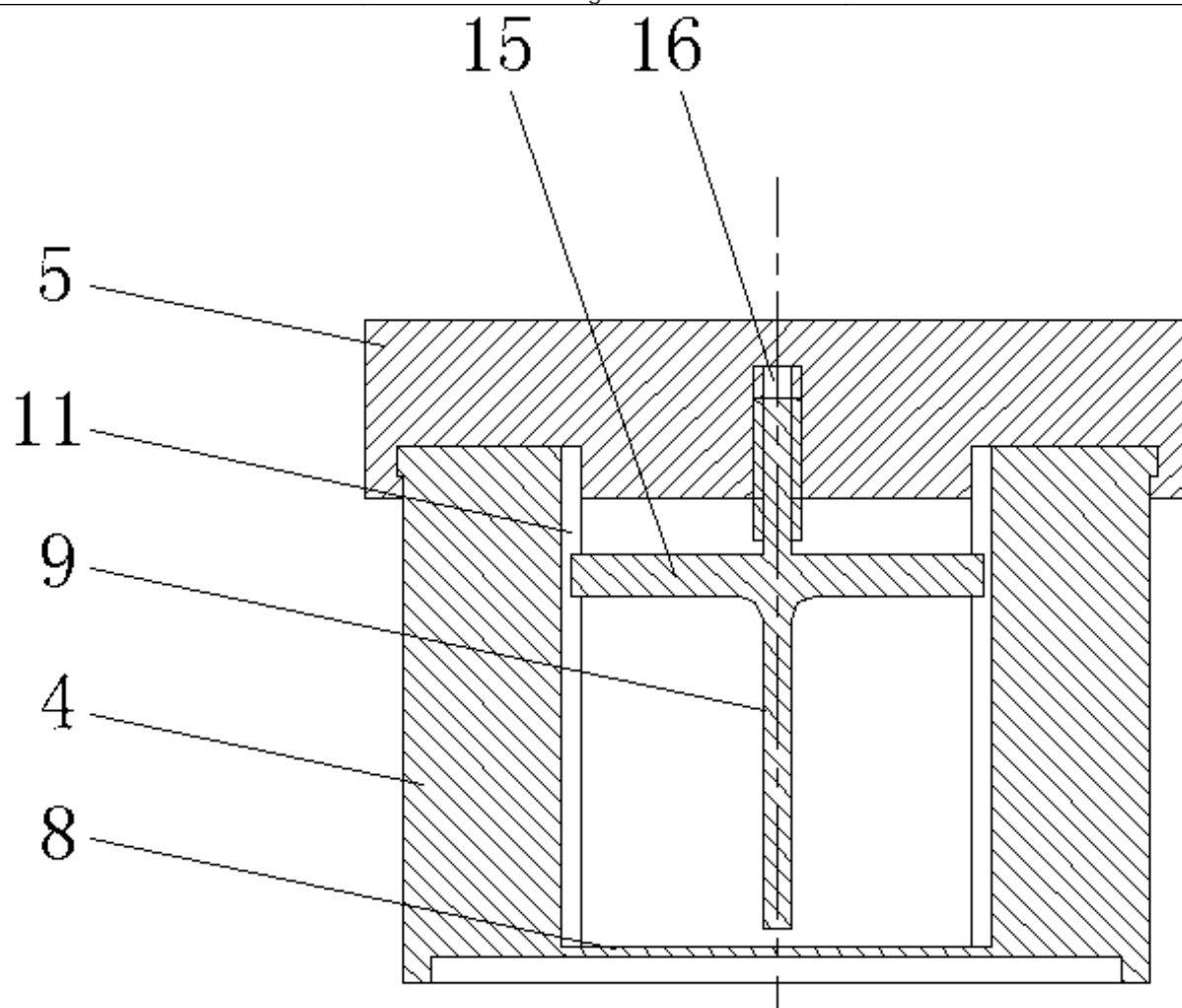
CHONGQING LUMMY PHARMACEUTICAL

Family 6/100 - FAMPAT - ©Questel

Title

(CN202459349U)

Pushing **device** used on screw-in pre-installed type **doser****Images**

**Publication data including kind & date**

CN202459349

U

2012-10-03

CN202459349U

**Abstract**

(CN202459349)

The utility model discloses a pushing **device** used on a screw-in pre-installed type **doser**. The pushing **device** comprises a guiding sleeve, a rotating sleeve **and** a pressing rod, wherein the rotating sleeve is sleeved at one end of the guiding sleeve, is axially fixed with the guiding sleeve, **and** is radially **and** rotationally matched with the guiding sleeve, **and** an internal threaded hole is formed in the middle of the rotating sleeve in an axial direction; a guiding groove is formed in the inner wall of the guiding sleeve in an axial direction; the pressing rod is arranged in the guiding sleeve, a guiding block extending into the guiding groove is arranged on the pressing rod, **and** external threads are arranged at one end of the pressing rod, **and** one end of the pressing rod is screwed into the internal threaded hole. During mixing of medicine, the rotating sleeve is rotated to drive the pressing rod to move downwards quickly along the axial direction of the guiding sleeve, the pressing rod passes through a sealing film or enables the sealing film to deform **and** push a medicine container to move downwards at the moment of pressure application, so as to further push double needles for dosing to move downwards; the point of an upper needle pierces a sealing plug on the medicine container, **and** the point of a lower needle pierces a diaphragm in an interface, so that the inner part of the medicine container is instantly communicated with that of an infusion container; **and** the whole process is in a sterile butting state, so that the sterile closeness of the whole process from transportation, **storage**, butting, medicine mixing to infusion is achieved.

Inventors

QIU YU

LI KE

YUAN YUAN

LI HONGYU

Latest standardized assignees - inventors removed

CHONGQING LUMMY PHARMACEUTICAL

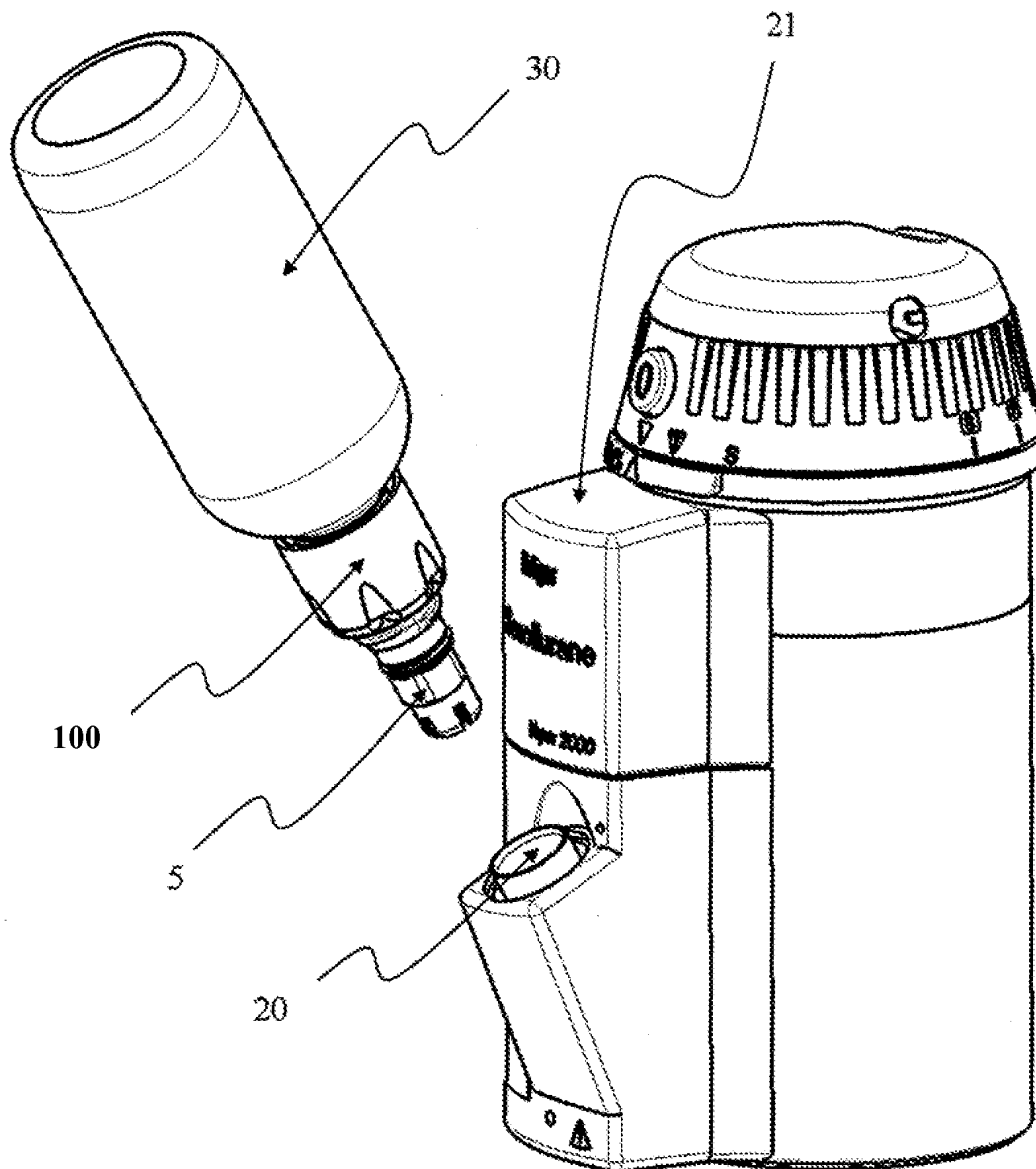
Family 7/100 - FAMPAT - ©Questel

Title

(US20120048425)

Filling system for an anesthetic dispenser

Images



Publication data including kind & date

US20120048425	A1	2012-03-01	US20120048425
FR2964039	A1	2012-03-02	FR2964039
FR2964039	B1	2014-11-07	FR2964039
DE102010035993	A1	2012-03-01	DE102010035993
DE102010035993	B4	2014-11-06	DE102010035993
GB201114802	D0	2011-10-12	GB201114802
GB2483356	A	2012-03-07	GB2483356
GB2483356	B	2013-08-07	GB2483356
CN102441219	A	2012-05-09	CN102441219



CN102441219

B 2015-05-06 CN102441219B

Abstract

(US20120048425)

A filling system for an anesthetic **dispenser** has a coding feature. An opening (29) is provided at a connection piece top side (10) of an outlet connection piece (8) of a bottle adapter (100). The opening (29) is connected to the lateral slots (9) **and** a length of rods on an inner wall of the filling connection piece is dimensioned such that they mesh both with the slots (9) **and** with the opening (29).

Inventors

REICHERT DIRK-STEFAN

FALB WOLFGANG

PASDZIOR SVEN

SCHARMER ERNST-GUENTER

GOTTSCALK FRANK

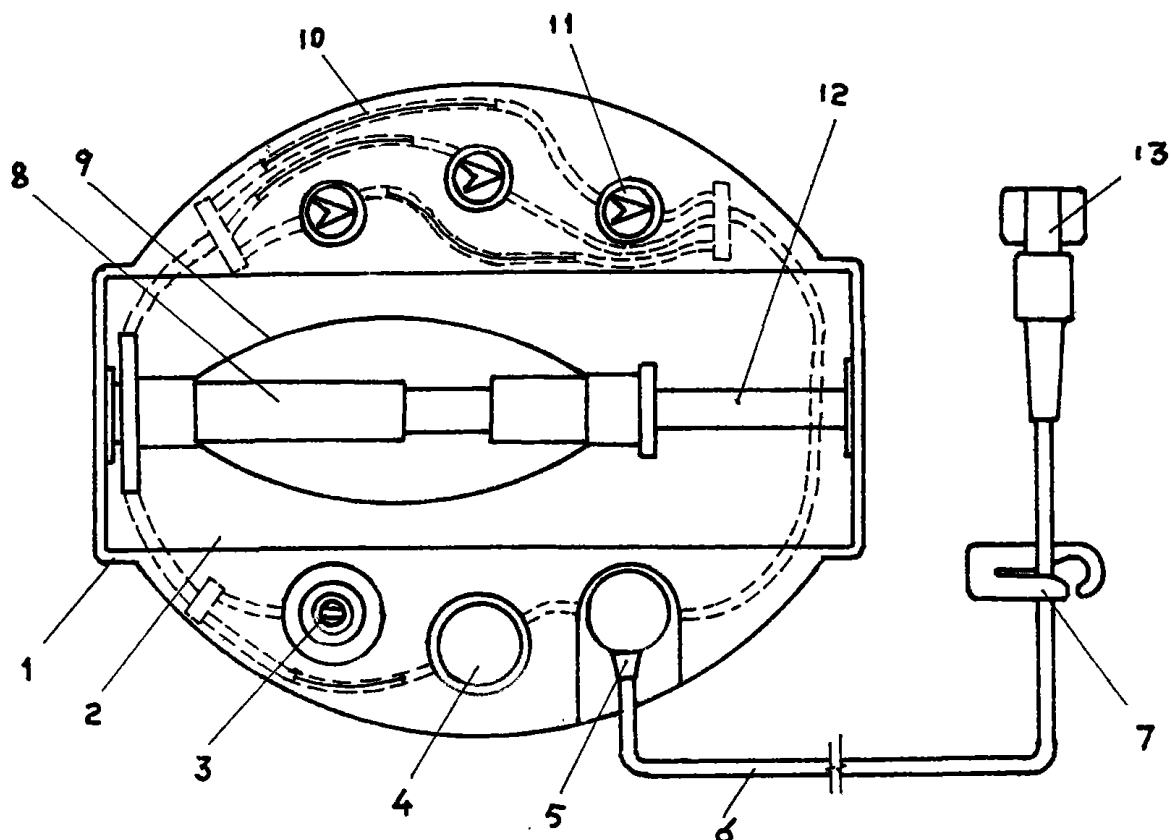
Latest standardized assignees - inventors removedDRAEGER **MEDICAL** SYSTEMS

Family 8/100 - FAMPAT - ©Questel

Title

(CN201139832U)

Multi-pipeline chemotherapy infusion pump

Images**Publication data including kind & date**

CN201139832

Y 2008-10-29 CN201139832U

**Abstract**

(CN201139832)

A multi-pipeline chemo-treatment infusion pump comprises a base (1), a silastic **liquid** medicine storing sac (9), a core rod (8), a **liquid** medicine inlet (3), a transparent pile casing (2), a self-control **doser** (4), a **liquid** medicine outlet (5), a perfusion tube (6), a **liquid** medicine outlet head (13), **and** current limiting tubes (10). The core rod as well as the **liquid** medicine

storing sac **and** the pile casing of the core rod are positioned at the middle part of the base; the **liquid** medicine inlet, the self-control **doser and** the **liquid** medicine outlet are positioned on the base arranged at one side of the pile casing; more than two current limiting tubes are positioned in the base arranged at the other side of the pile casing, **and** the flow resistance of each current limiting tube is different from that of other current limiting tubes; each current limiting tube is respectively connected with a flow rate switch (11) in series **and** then is connected between the **liquid** medicine outlet **and** an inlet of the pile casing in parallel. As a plurality of current limiting tubes with different flow resistances are connected with each other in parallel, the multi-pipeline chemo-treatment infusion pump can adjust the flow rate of **liquid** medicine within larger range by turning on **and** off the flow rate switch, thereby satisfying the requirements of different patients.

Inventors

ZHANG GUOHUA

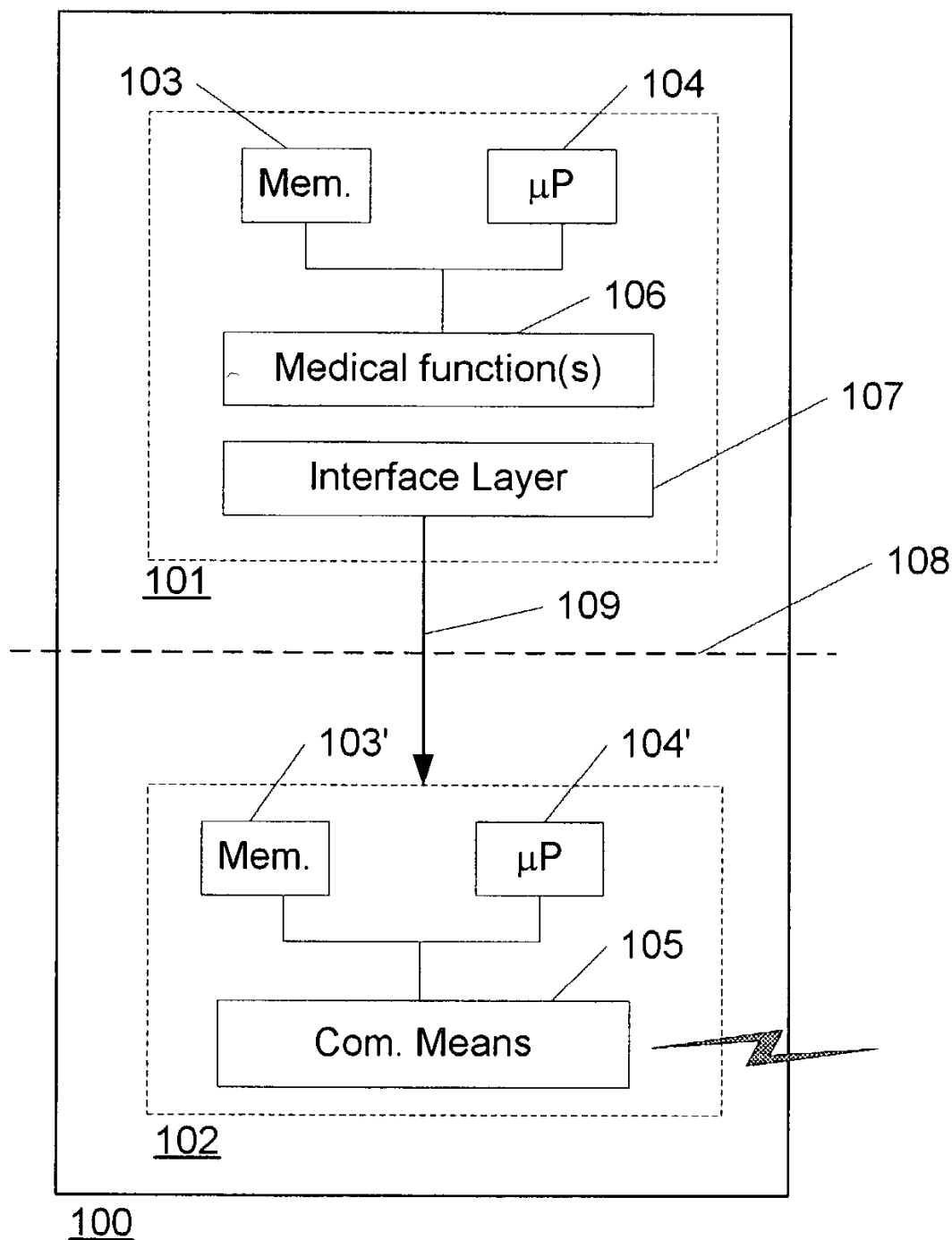
Latest standardized assignees - inventors removedPINGHU YIERSHAN **MEDICAL** APPARATUS

Family 9/100 - FAMPAT - ©Questel

Title

(EP2186471)

Portable **device** for communicating **medical** data information**Images**



Publication data including kind & date

EP2186471	A1	2010-05-19	EP2186471
EP1423046	A2	2004-06-02	EP1423046
EP1423046	B1	2010-01-13	EP1423046
EP1423046	B2	2015-03-25	EP1423046
WO03/015838	A2	2003-02-27	WO200315838
WO03/015838	A3	2004-04-08	WO200315838
WO03/015838	A9	2004-05-13	WO200315838
US20030065536	A1	2003-04-03	US20030065536
DE60235095	D1	2010-03-04	DE60235095
JP2004538736	A	2004-12-24	JP2004538736



JP4790983	B2	2011-07-29	JP4790983				
RU2336906	C2	2008-10-27	RU2336906				
CA2456203	A1	2003-02-27	CA2456203				
KR20040030068	A	2004-04-08	KR20040030068				
IL159864	A	2004-06-20	IL-159864				
PL367877	A1	2005-03-07	PL2002367877				
ZA200400324	B	2005-03-30	ZA200400324				
CN1713849	A	2005-12-28	CN1713849				
CN1713849	B	2010-05-05	CN1713849B				
IN227042	B	2009-02-13	IN-227042				
IN0296/CHENP/2004	A	2016-08-31	IN2004CN00296				
AT454846	T	2010-01-15	ATE454846				

Abstract

(EP2186471)

This invention relates to a portable **medical device** (100) for communication of **medical** data information comprising a **medical device** part (101) comprising a first processor (104) **and** first **storage** means (103), **and** means (106) for executing one or more **medical** related functions, a communication **device** part (102) comprising a second processor (104'), second **storage** means (103'), **and** communication means (105), where the **medical device** part (101) **and** the communication **device** part (102) is connected allowing for exchange of data information according to a predetermined protocol, where the exchange of communication is under the control (109) of the **medical device** part (101) **and** where the functionalities of each **device** part otherwise is separated.

Inventors

HANSEN HENRIK EGESBORG

EILERSEN MICHAEL

ROLSTED NIELS PRYDS

Latest standardized assignees - inventors removed

NOVO NORDISK

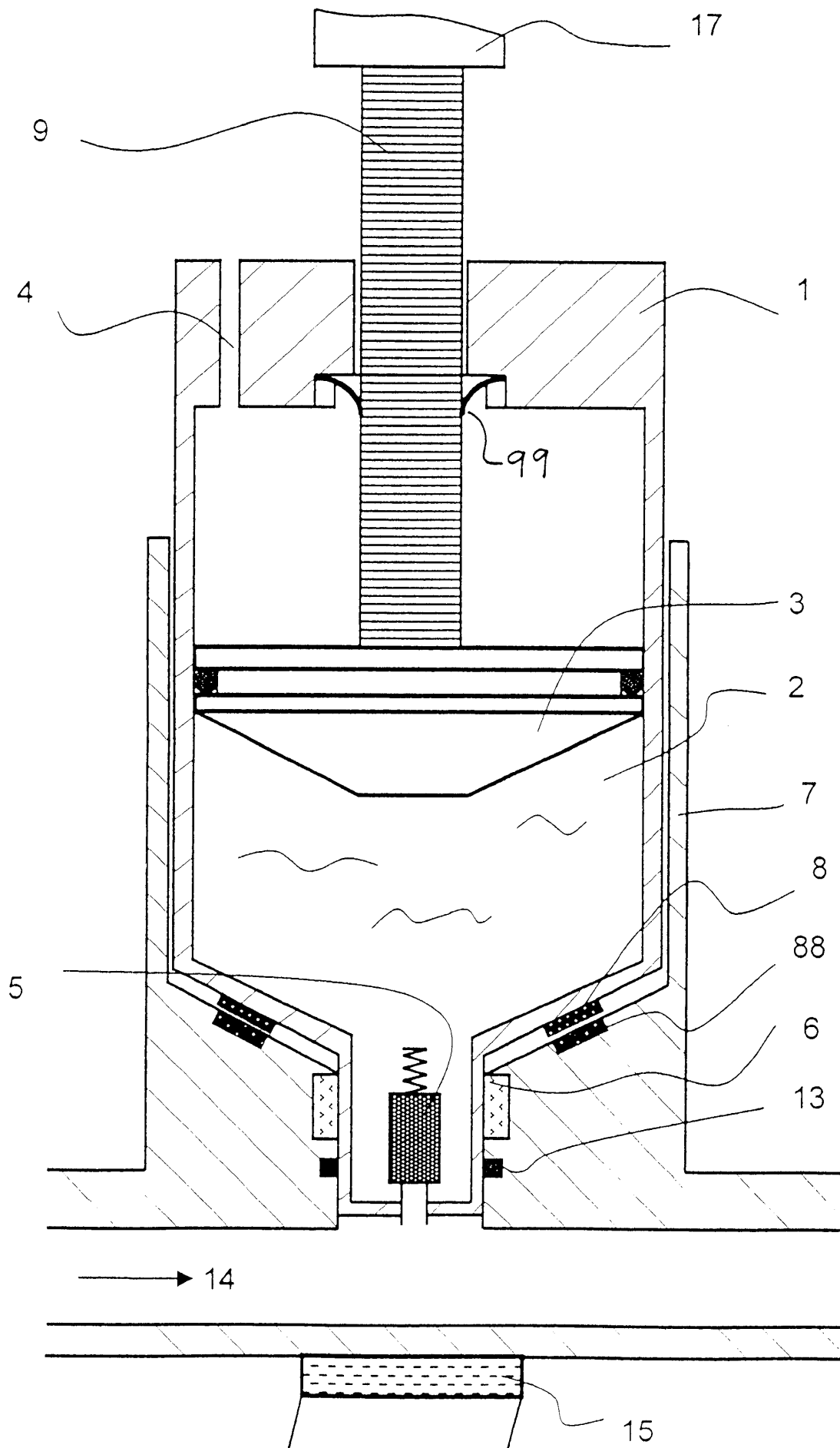
Family 10/100 - FAMPAT - ©Questel

Title

(US6745765)

Anesthetic container with metering elements

Images



	A1	2003-01-09	US20030005930				
US6745765	B2	2004-06-08	US6745765				
FR2825027	A1	2002-11-29	FR2825027				
DE10124886	A1	2003-01-02	DE10124886				
DE10124886	C2	2003-04-30	DE10124886				

Abstract

(US20030005930)

A reusable anesthetic container (1) has an anesthetic reserve space (2), which is provided with at least one movable wall element (3). The wall element (3) can be caused to follow the **liquid** anesthetic volume. In one embodiment, the movable wall element (3) is designed as a piston, which is caused to follow the anesthetic volume via a toothed piston rod (9). An elastomer ring is preferably provided on the **storage** container as a detent pawl for the piston rod (9). The anesthetic container (1) has a first metering element (5), which is actuated inductively by means of a complementary second metering element (6) cooperating with another metering element on the anesthesia apparatus (7) for metering the anesthetic.

Inventors

KULLIK GOETZ

KOCH JOCHIM

Latest standardized assignees - inventors removed

DRAEGERWERK

Family 11/100 - FAMPAT - ©Questel

Title

(EP2370045)

Cartridge, pharmaceutical **dispenser** for solid pharmaceutical portions **and** applications of said cartridge **and** said pharmaceutical **dispenser**

Images

JP2015091324	A	2015-05-14	JP2015091324				
JP6138748	B2	2017-05-31	JP6138748				
CA2744366	A1	2010-06-03	CA2744366				
UY32272	A	2010-06-30	UY--32272				
AR074408	A1	2011-01-12	AR--74408				
MX2011005599	A	2011-06-21	MX2011005599				
ECSP11011085	A	2011-06-30	EC201111085				
CR20110278	A	2011-07-07	CR201100278				
DOP2011000156	A	2011-07-15	DO201100156				
VN27478	A	2011-09-25	VN--27478				
PE02482012	A1	2012-03-18	PE201200248				
TN2011000269	A1	2012-12-17	TN2011000269				
IN3911/DELNP/2011	A	2013-09-27	IN2011DN03911				
NZ593014	A	2014-04-30	NZ-593014				
HN2011001406	A	2015-02-02	HN2011001406				
BRPI0921220	A2	2016-02-23	BR200921220				
BRPI0921220	A8	2017-10-31	BR200921220				
BRPI0921220	A8	2017-10-31	BRPI0921220				
BRPI0921220	A8	2019-01-22	BRPI0921220				
BRPI0921220	A8	2019-02-12	BRPI0921220				
BRPI0921220	A8	2019-04-30	BRPI0921220				
AU2009319435	A1	2010-06-03	AU2009319435				
AU2009319435	B2	2015-01-15	AU2009319435				
TW201034655	A	2010-10-01	TW201034655				
TWI462737	B	2014-12-01	TWI462737				
IL212789	A	2011-07-31	IL-212789				
IL212789	B	2016-05-31	IL-212789				
KR20110092284	A	2011-08-17	KR20110092284				
KR101724164	B1	2017-04-06	KR101724164				
MA32832	B1	2011-11-01	MA--32832				
CN102264336	A	2011-11-30	CN102264336				
CN102264336	B	2015-10-21	CN102264336B				
EA201100791	A1	2012-01-30	EA201100791				
EA020889	B1	2015-02-27	EA--20889				
CU20110120	A7	2012-06-21	CU20110120				
CU24013	B1	2014-06-27	CU--24013				
PT2370045	E	2014-04-07	PT2370045				
DK2370045	T3	2014-04-07	DK2370045T				
ES2456348	T3	2014-04-22	ES2456348				
HRP20140305	T1	2014-05-09	HRP20140305				
SI2370045	T1	2014-05-30	SI2370045T				
RS53243	B	2014-08-29	RS--53243				
MY155385	A	2015-10-15	MY-155385				
UA110193	C2	2015-12-10	UA-110193				
HK1160762	A1	2016-08-19	HK1160762				
CY1115007	T1	2016-12-14	CY1115007				

Abstract

(EP2370045)

The invention relates to the safe **storage and** simple **and** safe taking of tablets T by a user by means of a cartridge (900) that can be used in a pharmaceutical **dispenser** (1) for solid pharmaceutical portions T **and** that is designed having a **storage** space for accommodating the pharmaceutical portions T, **and** by means of a pharmaceutical **dispenser** (1) for this cartridge (900). According to the invention, the cartridge (900) comprises a separation **device** (910) that is designed to dispense defined pharmaceutical portions T **and** that comprises a movable **device** (940) for separating a defined pharmaceutical portion T from the **storage** space **and** for releasing out of the pharmaceutical **dispenser** (1) **and** wherein the separation **device** (910) is designed for creating an operative connection to an activation **device** (14, 220, 224, 226; 15, 210; 230) in the pharmaceutical **dispenser** (1).

Inventors

LEIFELD SABINE

REINHOLD TOM

FILLER SVEN

KARLA UWE

WEBER PETER

VOEGE NINA

JARVIS NAT

HOLCH BENJAMIN

WHITTAKER JAMES

Latest standardized assignees - inventors removed

BAYER INTELLECTUAL PROPERTY

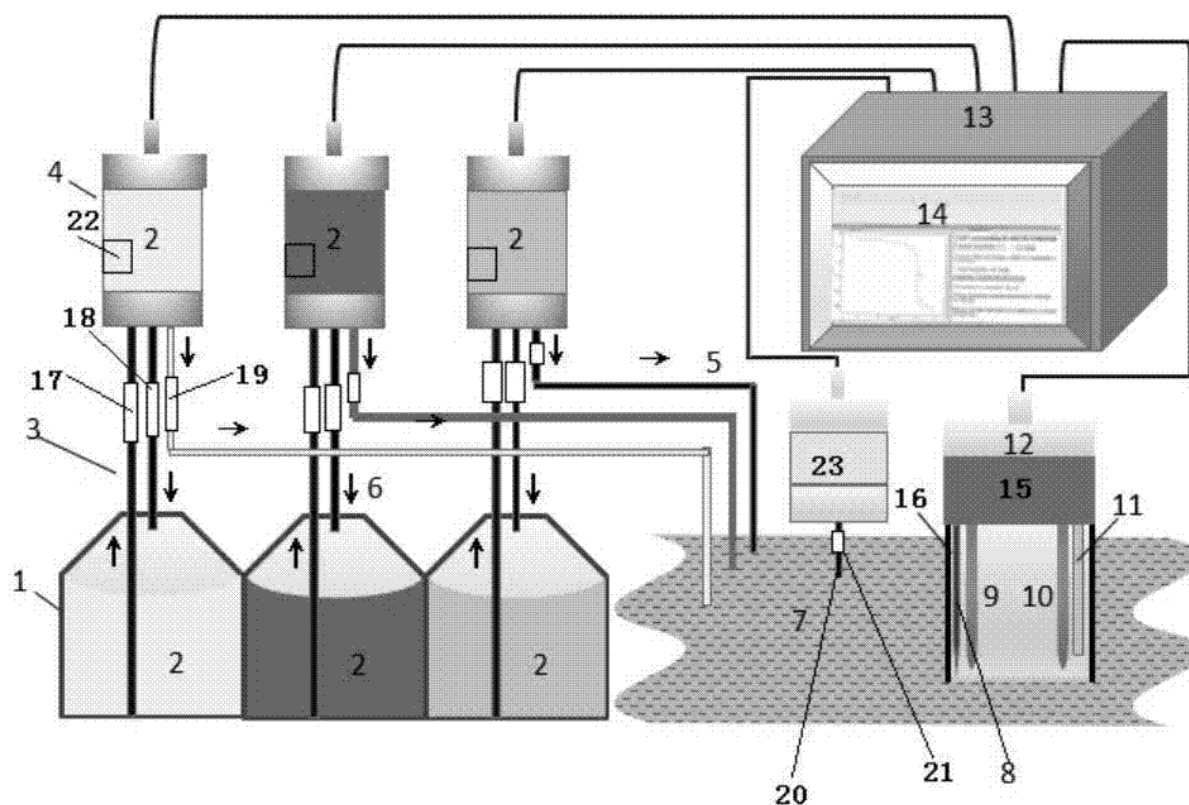
Family 12/100 - FAMPAT - ©Questel

Title

(CN207248808U)

A add **device** automatically that is used for potentiometric analyzer of on -line monitoring chemistry plating bath stability

Images



Publication data including kind & date

CN207248808

U

2018-04-17

CN207248808U



Abstract

(CN207248808)

The utility model provides an add **device** automatically that is used for potentiometric analyzer of on-line monitoring chemistry plating bath stability, this automation is added the **device** and is included chemical plating make-up fluid **storage** bucket (1), ration **doser** (4), a feed liquor pipe (3) that is used for the chemical plating make-up fluid to store that the fluid communicates between the bucket (1) **and** quantitative **doser** (4), make-up fluid backward flow **and** blast pipe (6) **and** the ration that is used for quantitative **doser** (4) **and** assists fluid intercommunication between groove plating bath (7) with site work **liquid** are with pencil (5), automatically, it arranges in alignment to add the **device**. The utility model discloses an automatically, it can supply multiple chemical plating make-up fluid simultaneously to add the **device**, has eliminated the instability of artificial interpolation chemical plating make-up fluid to improve the stability of coating to a certain extent, ensured to plate the uniformity of a quality, workman's the amount of labour has improved work efficiency, has practiced thrift cost is reduced, it is more accurate to enable chemical plating make-up fluid additive amount control.

Inventors

WANG XINGPING

ZHANG DAIQIONG

XING HONGBIN

Latest standardized assignees - inventors removed

CONVINCED THAT LE SI CHEMICAL

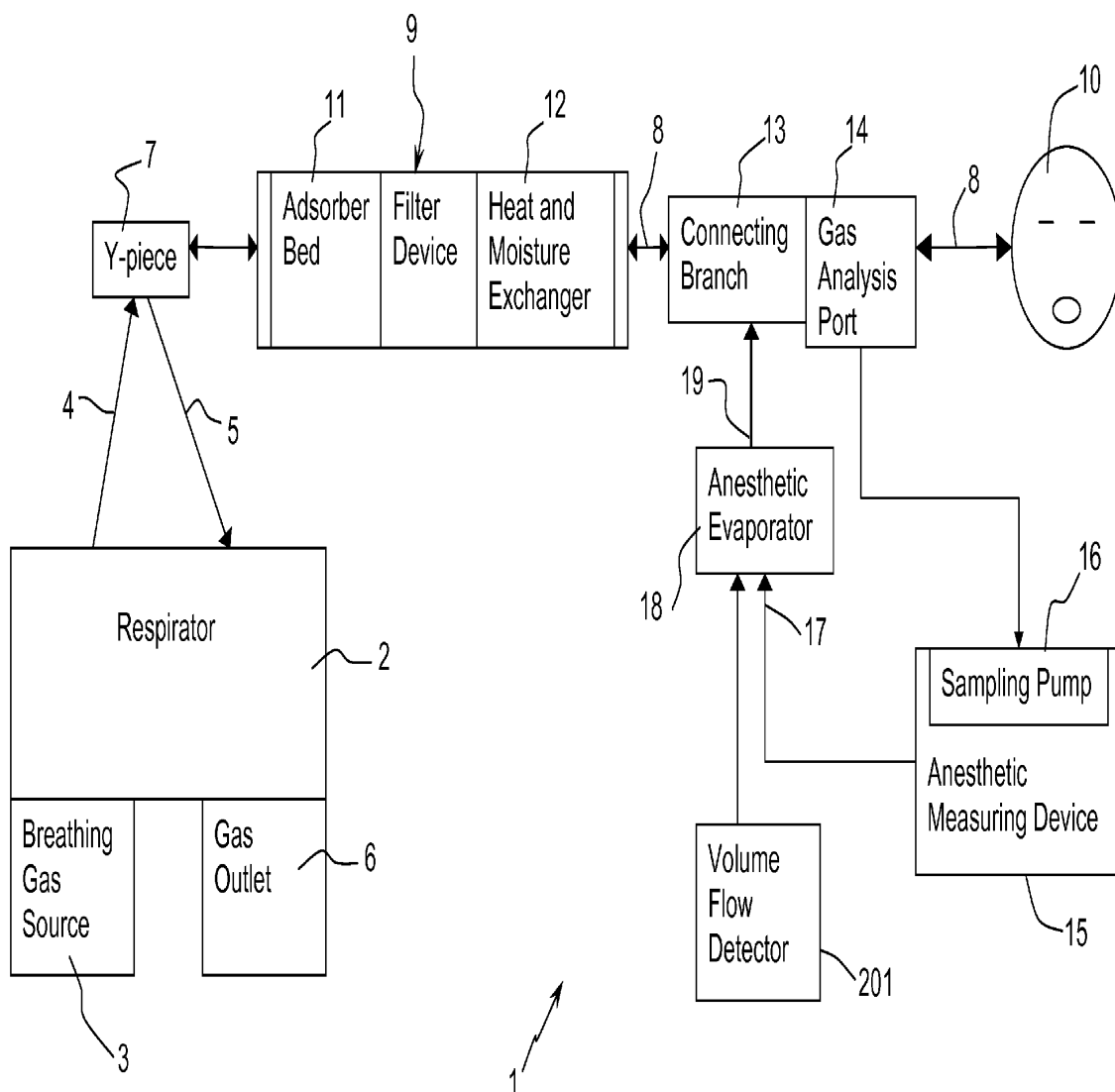
Family 13/100 - FAMPAT - ©Questel

Title

(US8316846)

Device for adsorbing **and** desorbing anesthetic

Images



Publication data including kind & date

US20090095291	A1	2009-04-16	US20090095291
US8316846	B2	2012-11-27	US8316846
FR2922114	A1	2009-04-17	FR2922114
FR2922114	B1	2011-01-14	FR2922114
DE102007048891	B3	2009-04-30	DE102007048891



Abstract

(US20090095291)

A **device** for adsorbing **and** desorbing anesthetic shall be improved in respect of the anesthetic supply. A sampling **device** (16) for removing a gas volume of the breathing gas **and** an anesthetic **dispenser** (18) are connected to the breathing gas line (8) between the adsorption filter (9) **and** the patient (10) in such a way that the gas volume removed **and** the gas volume supplied are compensated.

Inventors

WRUCK NORBERT

Latest standardized assignees - inventors removed

DRAEGERWERK

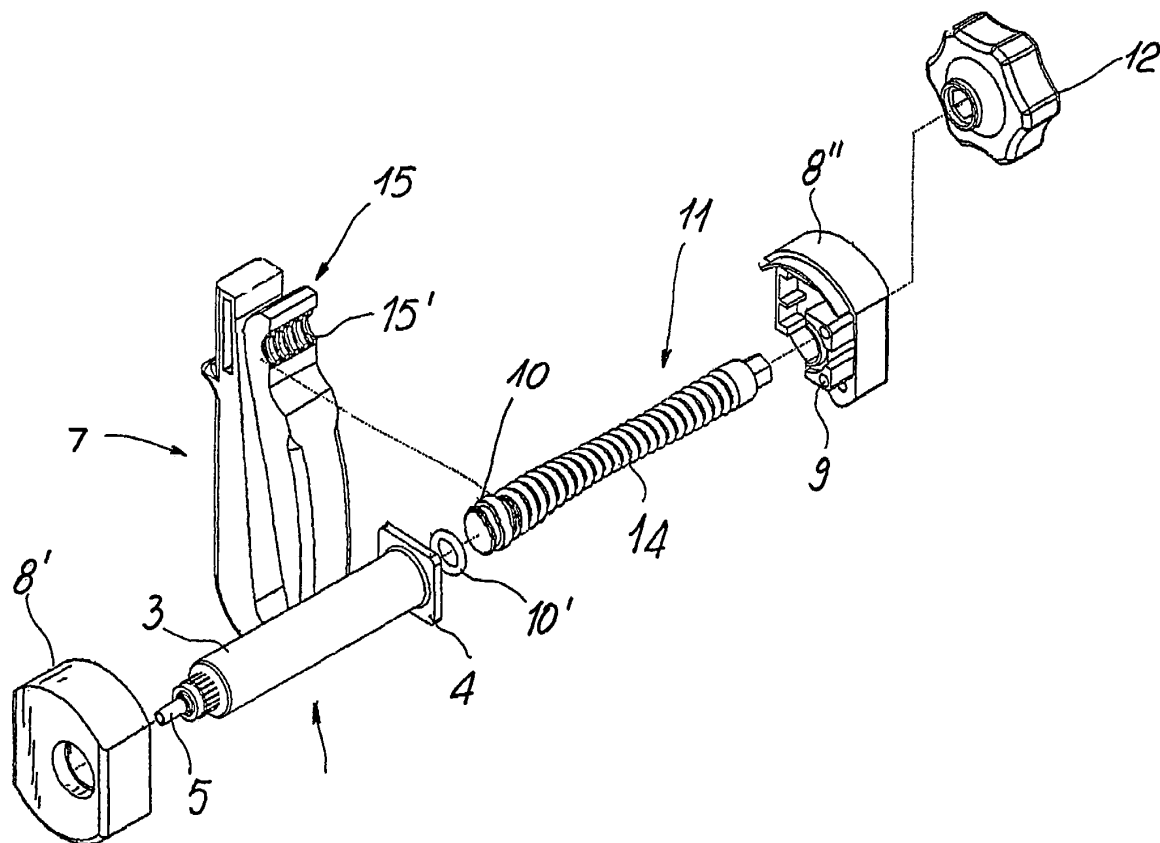
Family 14/100 - FAMPAT - ©Questel

Title

(EP1517655)

Device for the manual metering of a **medical** fluid, particularly bone cement

Images



Publication data including kind & date

EP1517655	A1	2005-03-30	EP1517655
EP1517655	B1	2005-11-09	EP1517655
WO2004/002375	A1	2004-01-08	WO200402375
US20040260304	A1	2004-12-23	US20040260304
US7270667	B2	2007-09-18	US7270667
DE60302252	D1	2005-12-15	DE60302252
DE60302252	T2	2006-08-03	DE60302252
JP2005530576	A	2005-10-13	JP2005530576
JP4704748	B2	2011-03-18	JP4704748
RU2005101754	A	2005-06-27	RU2005101754
RU2320373	C2	2008-03-27	RU2320373
ITVI20020140	A1	2003-12-29	IT2002VI0140
MXPA04006607	A	2004-10-04	MX2004PA006607
IN2906/CHENP/2004	A	2006-02-17	IN2004CN02906
CA2471023	A1	2004-01-08	CA2471023
CA2471023	C	2010-08-31	CA2471023
AU2003240194	A1	2004-01-19	AU2003240194
AU2003240194	B2	2007-05-17	AU2003240194
BR0307380	A	2004-11-09	BR200307380
BRPI0307380	A1	2004-11-09	BRPI0307380
BRPI0307380	A2	2011-02-01	BR200307380
BR0307380	B1	2013-03-19	BR200307380
ZA200403793	B	2005-02-23	ZA200403793
CN1615110	A	2005-05-11	CN1615110
CN1314375	C	2007-05-09	CN1314375C
AT308950	T	2005-11-15	ATE308950



IL161789	A	2005-11-20	IL-161789				
IL161789	B	2008-11-03	IL-161789				
DK1517655	T3	2006-03-13	DK1517655T				
ES2252676	T3	2006-05-16	ES2252676				
HK1075601	A1	2006-06-16	HK1075601				

Abstract

(EP1517655)

A **device** for the manual metering of a **medical** fluid, such as a hardening resin of the bone cement type, comprises a chamber for the fluid to be metered (2, 102) with an end opening (6), a gripping handle (7, 107), a piston (10, 110) which is housed in the chamber (2, 102) **and** provided with an operating member (12) for a user, **and** screw-type actuating means (13) arranged in between the operating member (12) **and** the piston (10) so as to perform the longitudinal movement thereof **and** pressurise the fluid to be metered. The screw means (13) may be modified so as to change from an operative configuration, where the piston is fed micrometrically, to an inoperative configuration, where the piston may move freely. The screw means (13) comprise an outer thread (14, 114) associated with the piston (10) **and** a female-thread element (15, 115) formed integrally on the handle (7, 107); the handle may be deformed elastically by means of transverse compression so as to change the screw means (13) from their operative configuration to their inoperative configuration.

Inventors

FACCIOLI GIOVANNI

SOFFIATTI RENZO

Latest standardized assignees - inventors removed

TECRES

Family 15/100 - FAMPAT - ©Questel

Title

(EP-748617)

Double **dispenser** for medicating fluids

Images

NO962510	L	1996-12-16	NO-962510				
MX9602315	A	1997-01-31	MX9602315				
AR000016	A1	1997-03-19	AR-----16				
NZ286803	A	1998-09-24	NZ-286803				
CA2177029	A1	1996-12-15	CA2177029				
CA2177029	C	2006-10-31	CA2177029				
CN1138491	A	1996-12-25	CN1138491				
CN1142752	C	2004-03-24	CN1142752C				
AU5598396	A	1997-01-02	AU9655983				
AU709544	B2	1999-09-02	AU-709544				
KR970000203	A	1997-01-21	KR19970000203				
KR100411223	B1	2004-05-31	KR100411223				
BR9602727	A	1998-04-22	BR9602727				
BRPI9602727	A1	2000-12-26	BR199602727				
BRPI9602727	B1	2002-04-30	BR199602727				
AT229780	T	2003-01-15	ATE229780				
ES2187627	T3	2003-06-16	ES2187627				

Abstract

(EP0748617)

The double applicator for **liquid** medications, especially for topical ophthalmological use, has an outer casing (1) with at least one leading opening (2) **and** a trailing opening. The casing contains two separate pumps (4,5) giving a jet delivery action to the forward casing opening (2), to converge at a point in front of the casing (1). Their jet angles are set, **and** the two jet streams leave by casing through separate holes. A jet closure can be operated from the outside of the casing (1).

Inventors

PY DANIEL

Latest standardized assignees - inventors removed

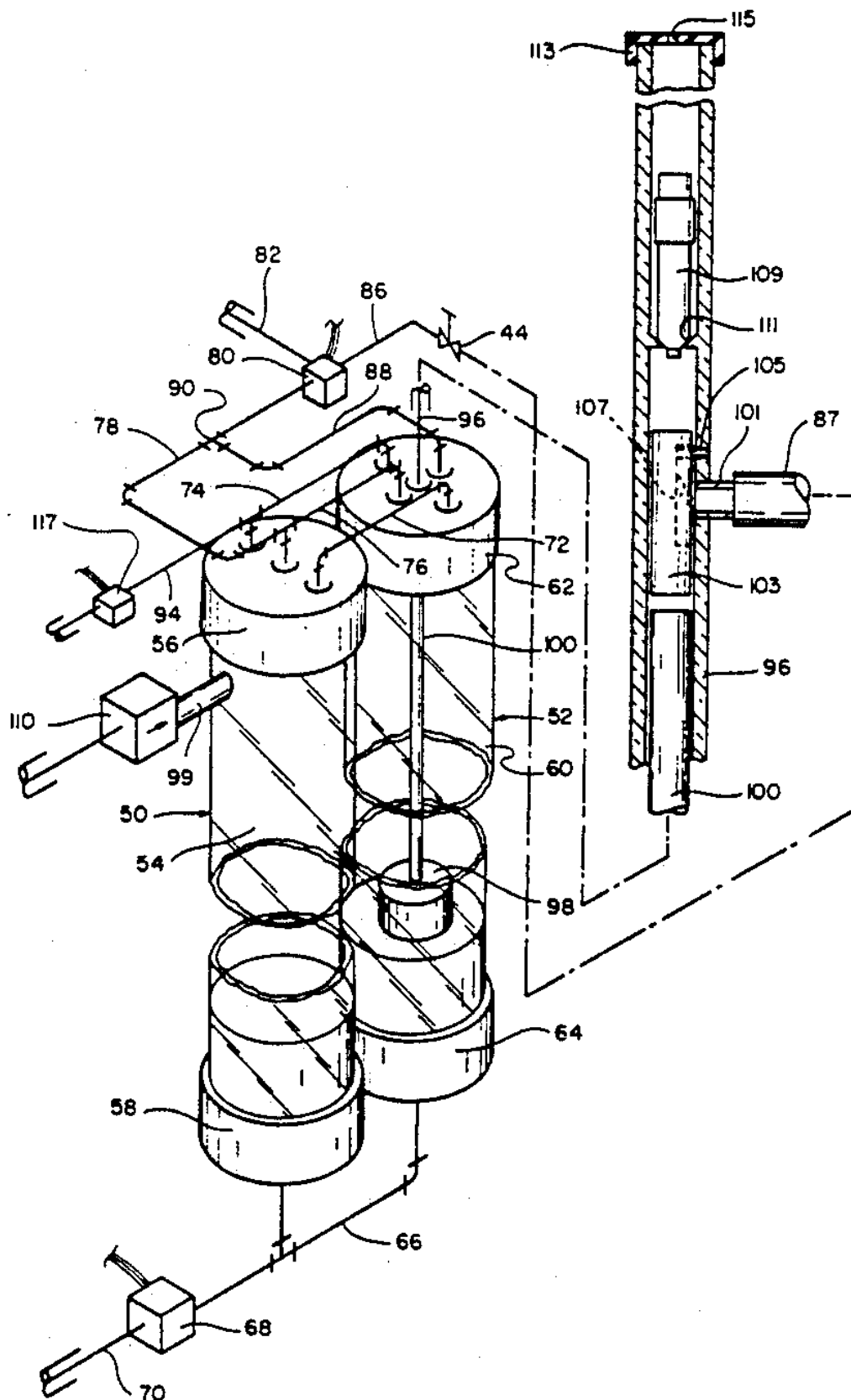
MAEJ C O O DONNELL & TESSITORE

Family 16/100 - FAMPAT - ©Questel

Title

(US5242434)

Medical waste handling system**Images**



Publication data including kind & date

US5242434	A	1993-09-07	US5242434
FR2670676	A1	1992-06-26	FR2670676
FR2670676	B1	1995-11-03	FR2670676
DE4142089	A1	1992-06-25	DE4142089
DE4142089	C2	2000-05-31	DE4142089
GB9126974	D0	1992-02-19	GB9126974



GB2251433	A	1992-07-08	GB2251433				
GB2251433	B	1994-11-30	GB2251433				
ITMI913388	D0	1991-12-18	IT91MI3388				
ITMI913388	A1	1992-06-21	IT91MI3388				
IT1252231	B	1995-06-05	IT1252231				
CA2057845	A1	1992-06-21	CA2057845				
CA2057845	C	1999-04-20	CA2057845				
HK186896	A	1996-10-18	HK9601868				

Abstract

(US5242434)

An apparatus for collecting, disinfecting **and** disposing of body waste materials accumulated from a patient including a pair of adjacent collection chambers each having an upper **and** a lower end, the upper **and** lower ends respectively being substantially at the same elevations, a first conduit connecting the lower ends of the collection chambers for communication therebetween, a set of conduits connecting the upper ends of the collection chambers, the set of conduits having a smaller cross-sectional flow capacity than the first conduit, an inlet to the first collection chamber at an intermediate location thereon, **and** an outlet connected to the second collection chamber at an intermediate location thereon, an inlet conduit having a first end for connection to the inlet to the first collection chamber **and** an opposite open end for exposing to the waste materials to be collected **and** a conduit for connection to a predetermined environment to establish the environment in the chamber. The present apparatus also includes a unit for connection in the apparatus for collecting, disinfecting **and** disposing of body waste materials including controls therefor for introducing a rinsing **and** flushing fluid therein **and** for supplying a quantity of a disinfectant into the apparatus.

Inventors

TERRY WILLIAM M

Latest standardized assignees - inventors removed

AMERICAN STERILIZER

Family 17/100 - FAMPAT - ©Questel

Title

(EP2370327)

Cartridge, a pharmaceutical **dispenser** containing said cartridge **and** applications of said cartridge **and** said pharmaceutical **dispenser**

Images

CA2744375	C	2017-03-28	CA2744375				
TW201031399	A	2010-09-01	TW201031399				
TWI457120	B	2014-10-21	TWI457120				
IL212785	A	2011-07-31	IL-212785				
IL212785	B	2016-08-31	IL-212785				
KR20110096027	A	2011-08-26	KR20110096027				
KR101570895	B1	2015-11-20	KR101570895				
MA32833	B1	2011-11-01	MA--32833				
VN28009	A	2011-11-25	VN--28009				
VN0015783	B	2016-09-26	VN--15783B				
CN102264610	A	2011-11-30	CN102264610				
CN102264610	B	2013-11-20	CN102264610B				
EA201100790	A1	2012-01-30	EA201100790				
EA021996	B1	2015-10-30	EA--21996				
CU20110118	A7	2012-06-21	CU20110118				
CU23946	B1	2013-10-29	CU--23946				
PT2370327	E	2013-07-15	PT2370327				
DK2370327	T3	2013-07-22	DK2370327T				
SI2370327	T1	2013-08-30	SI2370327T				
HRP20130673	T1	2013-08-31	HRP20130673				
ES2423189	T3	2013-09-18	ES2423189				
UA103345	C2	2013-10-10	UA-103345				
HK1160824	A1	2014-05-16	HK1160824				
MY152201	A	2014-08-29	MY-152201				
CY1114135	T1	2016-07-27	CY1114135				

Abstract

(EP2370327)

The invention relates to the safe **storage and** simple **and** safe taking of tablets T by a user by means of a cartridge 900 that can be used in a pharmaceutical **dispenser** 1 for solid pharmaceutical portions T **and** that is designed having a **storage** space for accommodating the pharmaceutical portions T, **and** by means of a pharmaceutical **dispenser** 1 containing this cartridge 900. According to the invention, the cartridge 900 comprises a transport safeguard for preventing movement of the pharmaceutical portions T during **storage and** transport of the cartridge 900. This transport safeguard is particularly a tolerance equalization stopper 970, seated frictionally in the **storage** space **and** movable in the axial direction. Furthermore, a tablet slider 960, movable in the axial direction in the **storage** space **and** engaging through at least one axial slot in the cartridge 900, is contained in the cartridge 900, said slider serving to transfer an axial force onto the pharmaceutical portions (T) in the cartridge **and** thus to hold down a columnar arrangement of pharmaceutical portions (T).

Inventors

LEIFELD SABINE

REINHOLD TOM S

FILLER SVEN

KARLA UWE

Latest standardized assignees - inventors removed

BAYER INTELLECTUAL PROPERTY

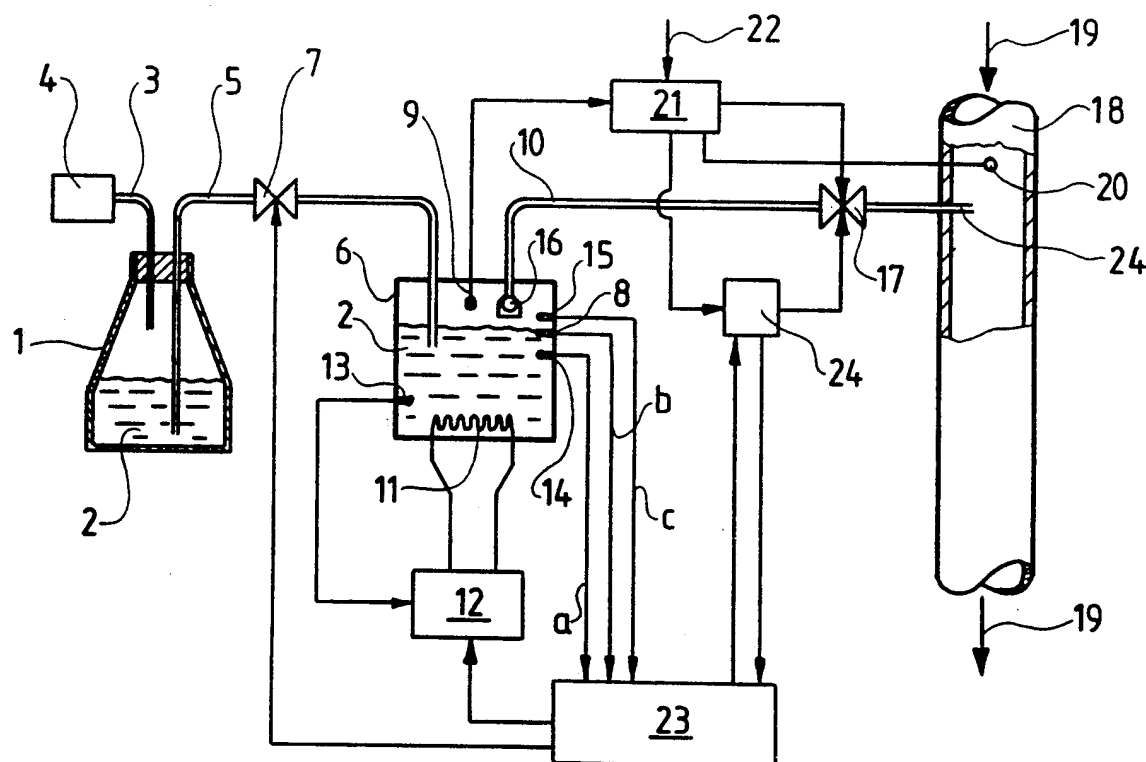
Family 18/100 - FAMPAT - ©Questel

Title

(US5243973)

Metering **device** for a **liquid** anesthetic via an intermediate container

Images



Publication data including kind & date

US5243973	A	1993-09-14	US5243973
FR2673541	A1	1992-09-11	FR2673541
FR2673541	B1	1995-02-24	FR2673541
DE4107060	A1	1992-09-10	DE4107060
DE4107060	C2	1999-07-01	DE4107060
GB9204732	D0	1992-04-15	GB9204732
GB2253353	A	1992-09-09	GB2253353
GB2253353	B	1994-08-17	GB2253353



Abstract

(US5243973)

A metering **device** for a **liquid** anesthetic that is fed from a reservoir via a supply line into a heatable intermediate container maintained under pressure, from which gaseous anesthetic is fed via a metering valve into a fresh gas line. Accurate metering, which can be better monitored, is provided for low-boiling anesthetics. A supply unit 7 is mounted in the supply line 5, and **liquid** anesthetic is transported by the supply unit 7 into the intermediate container 6 until it is filled up to a predetermined filling level. A heating **device** 12 stabilizes the temperature of the **liquid** bath and ensures a sufficiently high vapor pressure of the gaseous anesthetic above the **liquid** phase. The anesthetic vapor is sent via the metering valve into the fresh gas line.

Inventors

FALB WOLFGANG
 GIPPERT KARL-LUDWIG
 HEIM ULRICH
 HOELSCHER UVO
 KISKE SIEGFRIED
 KULLIK GOETZ
 LOESER RALF-ERNST
 MAURER CHRISTOPH

Latest standardized assignees - inventors removed

DRAEGER MEDICAL SYSTEMS

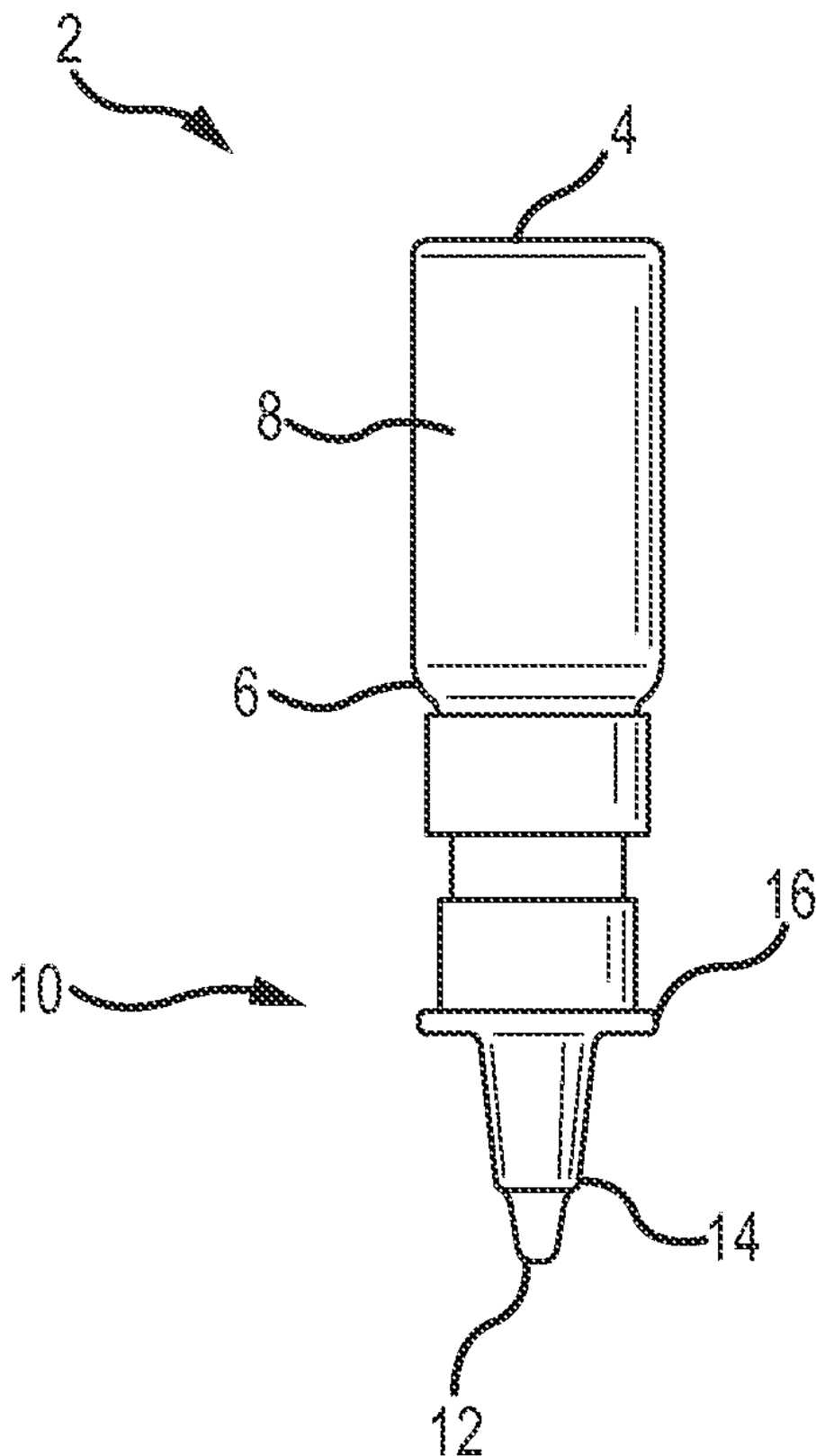
Family 19/100 - FAMPAT - ©Questel

Title

(EP2986268)

Liquid dispensing

Images

**Publication data including kind & date**

EP2986268	A1	2016-02-24	EP2986268
EP2986268	A4	2016-11-23	EP2986268
EP2986268	B1	2019-05-22	EP2986268
WO2014/172455	A1	2014-10-23	WO2014172455



US20140318533	A1	2014-10-30	US20140318533				
RU2015148935	A	2017-05-19	RU2015148935				
RU2669930	C2	2018-10-17	RU2669930				
CA2909714	A1	2014-10-23	CA2909714				
BR112015026186	A1	2015-12-08	BR112015026186				
BR112015026186	A2	2017-07-25	BR112015026186				
KR20150143745	A	2015-12-23	KR20150143745				
CN105307620	A	2016-02-03	CN105307620				
IN3116/MUMNP/2015	A	2016-06-03	IN2015MN03116				
MX2015014490	A	2016-08-11	MX2015014490				
AU2014253997	A1	2015-11-12	AU2014253997				
AU2014253997	B2	2019-01-03	AU2014253997				

Abstract

(EP2986268)

A **dispenser** for supplying a metered volume of a **liquid** medicament to an aerosolizing **device**. The **dispenser** may include a container having a proximal end **and** a distal end, wherein the container is configured to store a volume of **liquid** medicament. The **dispenser** may also include a dispensing mechanism coupled to the distal end of the container. The dispensing mechanism may have a distal end terminating in a tip through which the **liquid** medicament is dispensed. The dispensing mechanism operates to dispense a metered volume of the **liquid** medicament from the tip each time the dispensing mechanism is operated. The distal end of the dispensing mechanism includes an interface that interacts with a housing of an inhaler to limit an insertion depth of the tip into an opening the housing.

Inventors

PATTON JOHN S

PATTON RYAN S

MOLLOY LISA

FINK JIM

Latest standardized assignees - inventors removed

DANCE BIOPHARM

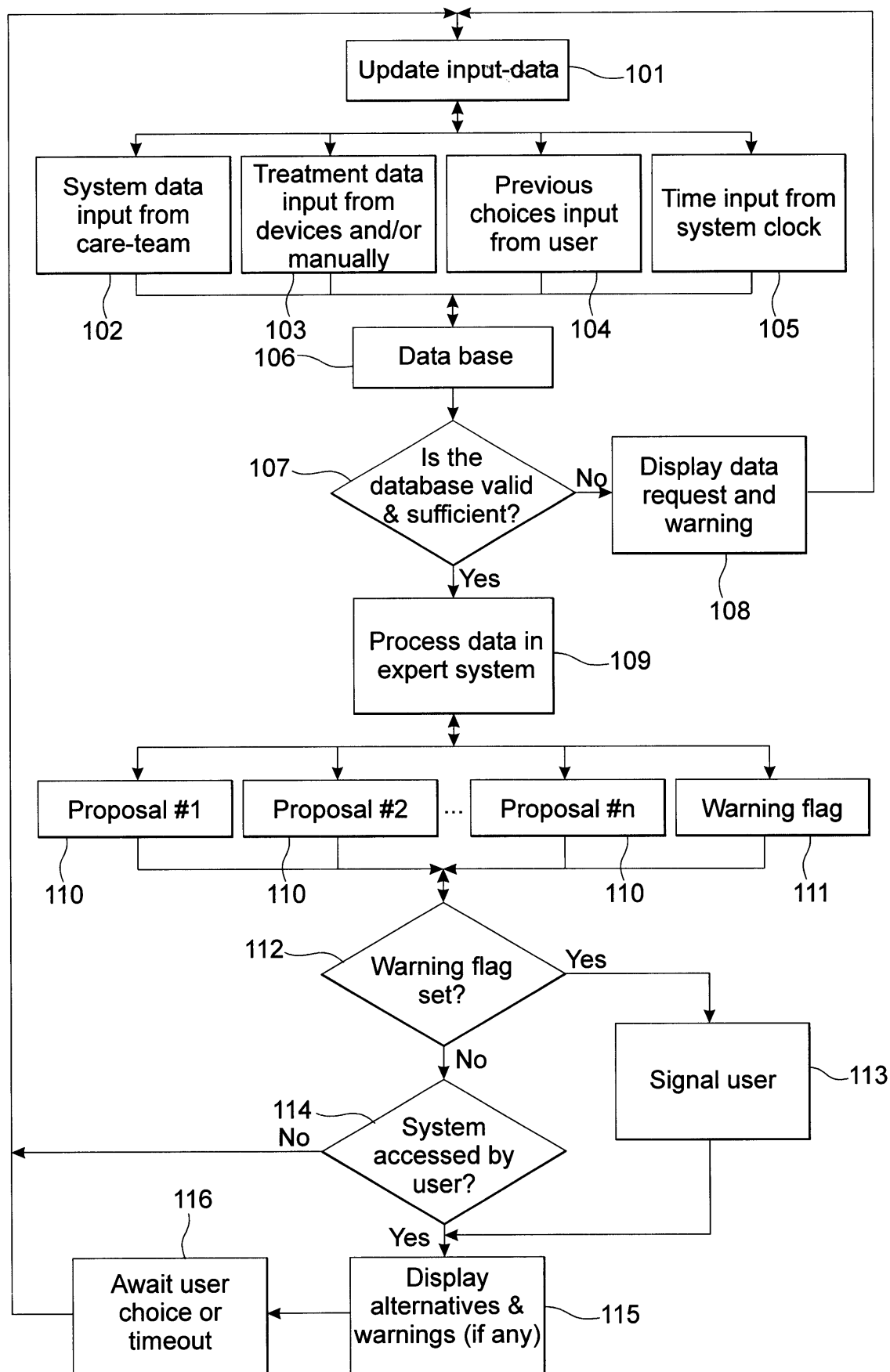
Family 20/100 - FAMPAT - ©Questel

Title

(EP1135056)

A **medical** system **and** a method of controlling the system for use by a patient for **medical** self treatment

Images



Publication data including kind & date

EP1135056	A1	2001-09-26	EP1135056
EP1135056	B1	2006-08-16	EP1135056
EP1144028	A1	2001-10-17	EP1144028
EP1144028	B1	2004-06-23	EP1144028



EP1437674	A2	2004-07-14	EP1437674				
EP1437674	A3	2004-07-21	EP1437674				
EP1437674	B1	2008-08-13	EP1437674				
EP1437674	B2	2011-11-23	EP1437674				
WO00/32088	A1	2000-06-08	WO200032088				
WO00/32258	A1	2000-06-08	WO200032258				
US20040039255	A1	2004-02-26	US20040039255				
US20050197621	A1	2005-09-08	US20050197621				
US20070293742	A1	2007-12-20	US20070293742				
US6656114	B1	2003-12-02	US6656114				
US7282029	B1	2007-10-16	US7282029				
DE69918333	D1	2004-07-29	DE69918333				
DE69918333	T2	2005-08-25	DE69918333				
DE69932844	D1	2006-09-28	DE69932844				
DE69932844	T2	2007-02-08	DE69932844				
DE69939344	D1	2008-09-25	DE69939344				
JP2002531884	A	2002-09-24	JP2002531884				
JP2002531154	A	2002-09-24	JP2002531154				
JP4243435	B2	2009-01-09	JP4243435				
RU2234238	C2	2004-08-20	RU2234238				
RU2244506	C2	2005-01-20	RU2244506				
NO20012623	D0	2001-05-29	NO200102623				
NO20012623	L	2001-07-13	NO20012623				
NO20012655	D0	2001-05-30	NO200102655				
NO20012655	L	2001-07-25	NO20012655				
BR9916142	A	2001-09-04	BR9916142				
BR9916149	A	2001-09-04	BR9916149				
BRPI9916142	A1	2001-09-04	BR199916142				
BRPI9916149	A1	2001-09-04	BR199916149				
BRPI9916142	A2	2011-12-06	BR199916142				
BRPI9916149	A2	2011-12-06	BR199916149				
CZ20011702	A3	2001-10-17	CZ200101702				
CN1329471	A	2002-01-02	CN1329471				
CZ20011815	A3	2002-01-16	CZ200101815				
IN0591/MUMNP/2001	A	2002-02-09	IN2001MN00591				
HU0104660	A2	2002-03-28	HU200104660				
IL143121	A	2002-04-21	IL-143121				
IL143122	A	2002-04-21	IL-143122				
HU0104966	A2	2002-04-29	HU200104966				
HU0104966	A3	2004-12-28	HU200104966				
PL348630	A1	2002-06-03	PL99348630				
PL349441	A1	2002-07-29	PL99349441				
CN1860989	A	2006-11-15	CN1860989				
CA2352198	A1	2000-06-08	CA2352198				
CA2352295	A1	2000-06-08	CA2352295				
CA2352295	C	2008-07-15	CA2352295				
CA2352198	C	2009-02-03	CA2352198				
AU1376500	A	2000-06-19	AU200013765				

AU1503200	A	2000-06-19	AU200015032				
AU763478	B2	2003-07-24	AU-763478				
AU765742	B2	2003-09-25	AU-765742				
KR20010089519	A	2001-10-06	KR20010089519				
KR20010089523	A	2001-10-06	KR20010089523				
KR100620257	B1	2006-09-13	KR100620257				
KR100627990	B1	2006-09-26	KR100627990				
CN1329511	A	2002-01-02	CN1329511				
CN1236824	C	2006-01-18	CN1236824C				
ZA200103981	B	2002-01-09	ZA200103981				
ZA200103982	B	2002-03-06	ZA200103982				
AT269723	T	2004-07-15	ATE269723				
DK1144028	T3	2004-10-18	DK1144028T				
PT1144028	E	2004-11-30	PT1144028				
ES2224718	T3	2005-03-01	ES2224718				
AT336198	T	2006-09-15	ATE336198				
IN0589/MUMNP/2001	A	2007-01-12	IN2001MN00589				
IN209093	B	2007-08-31	IN-209093				
AT404930	T	2008-08-15	ATE404930				

Abstract

(EP1135056)

This invention relates to a system for self treatment. The system consists of several portable modules where one of the modules is designated as a master module. The master module controls, supervises **and** monitors all the mutual information **and** data exchange between itself **and** the rest of the modules. The modules can e.g. consist of a BGM, a **doser**, an inhaler, a tablet **dispenser and** a **storage** container. The modules may be able to generate **and** store data which is transmitted to the master module if it is within range **and** active. If the master module is not within range, the data is kept locally in the module until the master module is available or a new master module is designated. The master module or another specific module can send the data to an external unit like a computer or database for further processing. A physician or an expert care-team can access the data in the database **and** give guidance to the patient on the basis of these processed data. This processing could also be done automatically by utilization of an expert system.

Inventors

SIMONSEN JAN HENNING

POULSEN JENS ULRIK

ROKKJAER KENT HALFDAN

CHRISTENSEN LARS HOFMANN

AASMUL SOREN

LAV STEFFEN

Latest standardized assignees - inventors removed

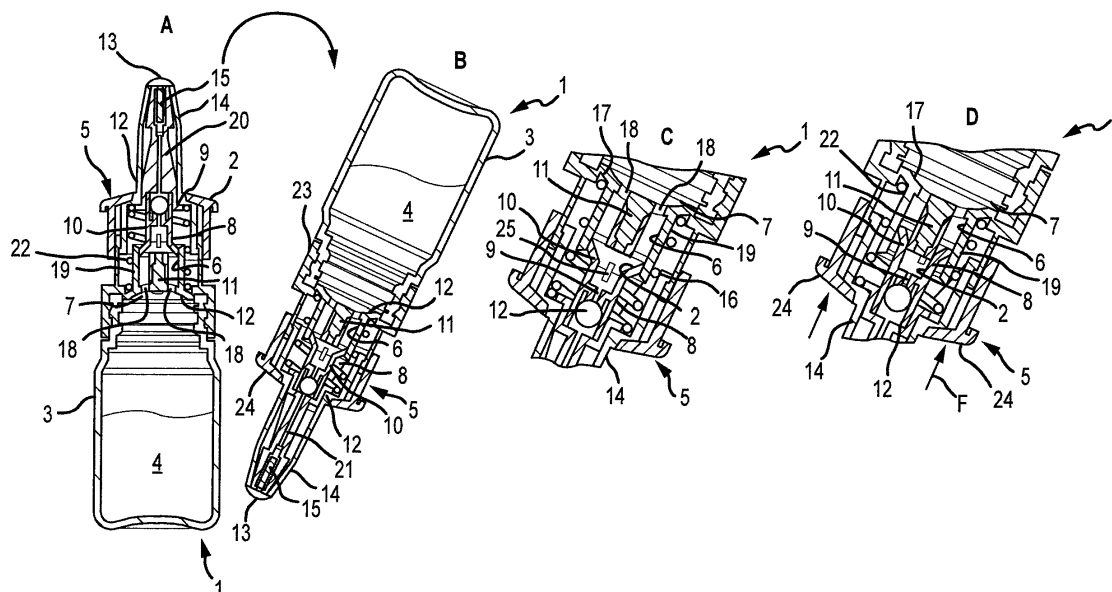
NOVO NORDISK

Family 21/100 - FAMPAT - ©Questel

Title

(EP2710338)

Drop **dispenser****Images**



Publication data including kind & date

EP2710338	A1	2014-03-26	EP2710338
WO2012/156098	A1	2012-11-22	WO2012156098
US20140069961	A1	2014-03-13	US20140069961
US9266135	B2	2016-02-23	US9266135
DE102011106261	A1	2012-11-22	DE102011106261
JP2014522345	A	2014-09-04	JP2014522345
RU2013156235	A	2015-06-27	RU2013156235
CA2835175	A1	2012-11-22	CA2835175
BR112013029275	A1	2014-01-07	BR112013029275
BR112013029275	A2	2017-01-31	BR112013029275
CN103688142	A	2014-03-26	CN103688142
IN8927/CHENP/2013	A	2014-11-07	IN2013CN08927



Abstract

(EP2710338)

The invention relates to a **dispenser** (1) for the dosed delivery of **liquid** media, comprising a container (3) for holding a **liquid** medium (4), a manually operated pump (5) that is arranged on the container (3) **and** comprises a flood chamber (6) into which a **liquid** medium (4) flows when the container (3) is turned upside down, for which purpose the flood chamber (6) is fluidically connected at the inlet side to an outlet opening (7) of the container (3), **and** in the flood chamber (6) a dosing piston (8) which is shiftable by an actuation stroke is arranged, which piston discharges the dosed medium (4), wherein a media duct (9) extends through the dosing piston (8) **and** is broadened on the inlet side, as a volumetrically specified cylinder section (10) into which an immersion piston (11), which protrudes into the flood chamber (6), engages as a pressure piston in order to discharge the medium (4), which was introduced by gravity, in the cylinder section (10) of the dosing piston (8).

Inventors

HARMS HEIKO

WELP GISBERT

Latest standardized assignees - inventors removed

SILGAN DISPENSING SYSTEMS HEMER

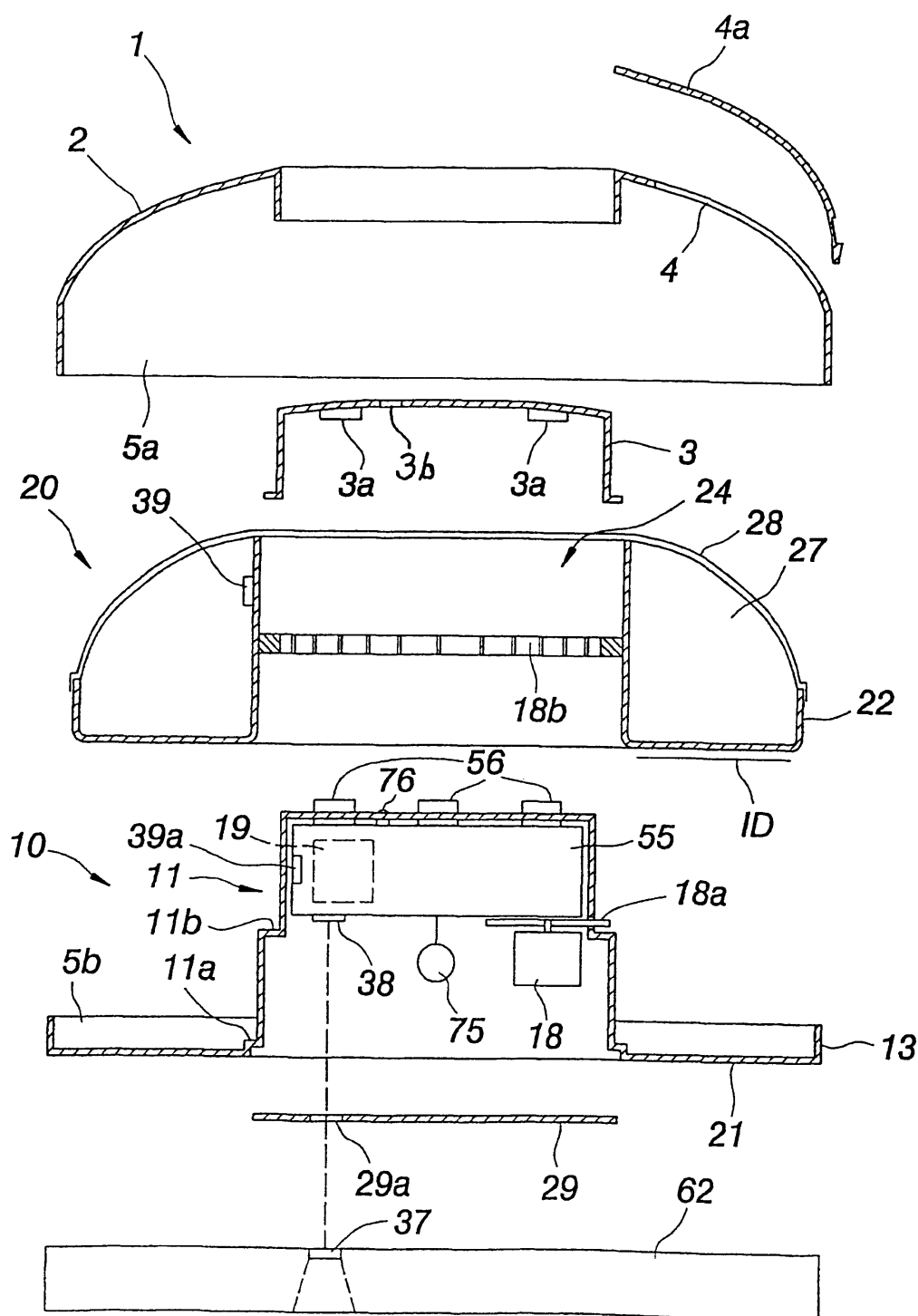
Family 22/100 - FAMPAT - ©Questel

Title

(EP1764074)

An intelligent dispensing **device** for dispensing pill- or capsule-form medications in desired doses

Images



Publication data including kind & date

EP1764074	A2	2007-03-21	EP1764074
EP1764074	A3	2009-06-03	EP1764074
EP1333789	A1	2003-08-13	EP1333789
EP1333789	B1	2007-02-21	EP1333789
WO02/17850	A1	2002-03-07	WO200217850
US20030127463	A1	2003-07-10	US20030127463
US6702146	B2	2004-03-09	US6702146
US20040172163	A1	2004-09-02	US20040172163
US6988634	B2	2006-01-24	US6988634
US20060144846	A1	2006-07-06	US20060144846



US7302311	B2	2007-11-27	US7302311				
DE60126807	D1	2007-04-05	DE60126807				
DE60126807	T2	2007-11-29	DE60126807				
JP2004507322	A	2004-03-11	JP2004507322				
AU8222301	A	2002-03-13	AU200182223				
FI20001889	A0	2000-08-28	FI200001889				
FI20001889	A	2002-03-01	FI200001889				
FI121364	B	2010-10-29	FI-121364				
AT354340	T	2007-03-15	ATE354340				
HK1059560	A1	2007-08-31	HK1059560				

Abstract

(EP1764074)

An intelligent dispensing **device** for dispensing pill- or capsule-form medications in desired doses. The dispensing **device** (35), includes a cartridge (20) rotatable relative to a housing or frame (10) **and** is provided with discrete dosage compartments (27) for desired doses of medication. The cartridge (20) is rotated, whereby each separate dosage compartment (27) is rotatable relative to the housing or frame (10) to a dispensing point for the dose of medication. A signalling **device** (75) producing a sound **and/or** light signal activates at pre-programmed times. An electronics unit (19, 55) containing a dispensing program is reprogrammable. The cartridge (20) is adapted to be disengaged from the dispensing **device** (35) **and** to be transferred to a loading **device** (80), which fills the dosage compartments (27) of the cartridge with desired doses of medication **and** furnishes the filled cartridge with identification data (ID), on the basis of which the filled cartridge (20) can be certifiably returned to the proper dispensing **device** (35).

Inventors

VARIS REIJO

Latest standardized assignees - inventors removed

ADDOZ

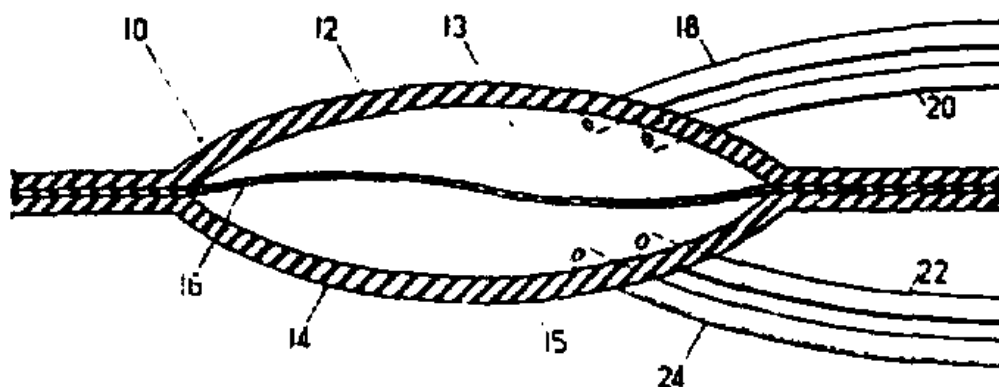
Family 23/100 - FAMPAT - ©Questel

Title

(FR2464459)

METERING DEVICE FOR BIOLOGICAL FLUIDS

Images



Publication data including kind & date

FR2464459	A1	1981-03-06	FR2464459
FR2464459	B1	1986-06-06	FR2464459
DE3031810	A1	1981-03-19	DE3031810
GB2059919	A	1981-04-29	GB2059919
GB2059919	B	1983-04-20	GB2059919
JPS5636962	A	1981-04-10	JP56036962
CA1166916	A	1984-05-08	CA1166916



Abstract

(FR2464459)

A metering **device** for biological fluids comprises a dual compartment metering chamber 10 which emits pulses of fluid of precisely equal volume from the two compartments 13,15 which are defined in chamber 10 by a pressure transmitting member 16 which, as shown in Figure 1, is a diaphragm. The compartments 13,15 are each connected to an inlet tube **and** an outlet tube, 18,20 **and** 22,24. The tubes are provided with valve means operable to alternately close tubes 18,24 **and** tubes 20,22 so that the compartments are alternately placed in communication with the fluid source **and** with the receiving body. In alternative embodiments, the compartments are defined within a tubular chamber by a tubular pressure transmitting member or by an axially movable radially extending disc. The volume of fluid emitted by the chamber may be varied. <IMAGE>

(From GB2059919 A)

Inventors

SMITH GORDON E

Latest standardized assignees - inventors removed

QUEST **MEDICAL**

Family 24/100 - FAMPAT - ©Questel

Title

(EP2370046)

Pharmaceutical **dispenser and** use thereof

Images

JP2012509728	A	2012-04-26	JP2012509728				
JP5749173	B2	2015-05-22	JP5749173				
UY32270	A	2010-06-30	UY--32270				
PA8850701	A1	2010-07-27	PA8850701				
AR074407	A1	2011-01-12	AR--74407				
MX2011005600	A	2011-06-21	MX2011005600				
DOP2011000158	A	2011-06-30	DO201100158				
ECSP11011087	A	2011-06-30	EC201111087				
CR20110276	A	2011-07-04	CR201100276				
CO6361886	A2	2012-01-20	CO6361886				
PE03772012	A1	2012-05-09	PE201200377				
TN2011000270	A1	2012-12-17	TN2011000270				
IN3950/DELNP/2011	A	2013-09-27	IN2011DN03950				
NZ593016	A	2013-10-25	NZ-593016				
HN2011001409	A	2013-10-28	HN2011001409				
BRPI0921225	A2	2016-02-23	BR200921225				
AU2009319436	A1	2010-06-03	AU2009319436				
CA2744372	A1	2010-06-03	CA2744372				
AU2009319436	B2	2015-01-22	AU2009319436				
CA2744372	C	2017-03-14	CA2744372				
TW201029648	A	2010-08-16	TW201029648				
TWI477267	B	2015-03-21	TWI477267				
IL212409	A	2011-06-30	IL-212409				
IL212409	B	2015-03-31	IL-212409				
KR20110092283	A	2011-08-17	KR20110092283				
KR101685717	B1	2016-12-12	KR101685717				
VN27462	A	2011-09-25	VN--27462				
VN0015615	B	2016-07-25	VN--15615B				
CN102227202	A	2011-10-26	CN102227202				
CN102227202	B	2014-03-05	CN102227202B				
MA32831	B1	2011-11-01	MA--32831				
EA201100792	A1	2011-12-30	EA201100792				
EA020809	B1	2015-01-30	EA--20809				
CU20110117	A7	2012-06-21	CU20110117				
CU24118	B1	2015-08-27	CU--24118				
UA106359	C2	2014-08-26	UA-106359				
HK1160761	A1	2014-10-24	HK1160761				
ES2513830	T3	2014-10-27	ES2513830				
PT2370046	E	2014-11-03	PT2370046				
DK2370046	T3	2014-11-10	DK2370046T				
SI2370046	T1	2014-11-28	SI2370046T				
HRP20141072	T1	2014-12-19	HRP20141072				
ZA201104710	B	2015-04-29	ZA201104710				
MY154062	A	2015-04-30	MY-154062				
CY1115723	T1	2017-01-25	CY1115723				

Abstract

(EP2370046)

The invention relates to a pharmaceutical **dispenser** (1), exhibiting means for accommodating an exchangeable cartridge

(900) containing the pharmaceutical portions, said **dispenser** being for the safe **storage and** simple **and** safe taking of tablets T by a user. The pharmaceutical **dispenser** (1) has at least one latching means for locking **and** at least one means for releasing the lock of the cartridge (900) in the pharmaceutical **dispenser** (1). The at least one latching means is rotatable.

Inventors

LEIFELD SABINE

GRÜTZMACHER HEIKE

LEZZAIQ SAMER

REINHOLD TOM S

Latest standardized assignees - inventors removed

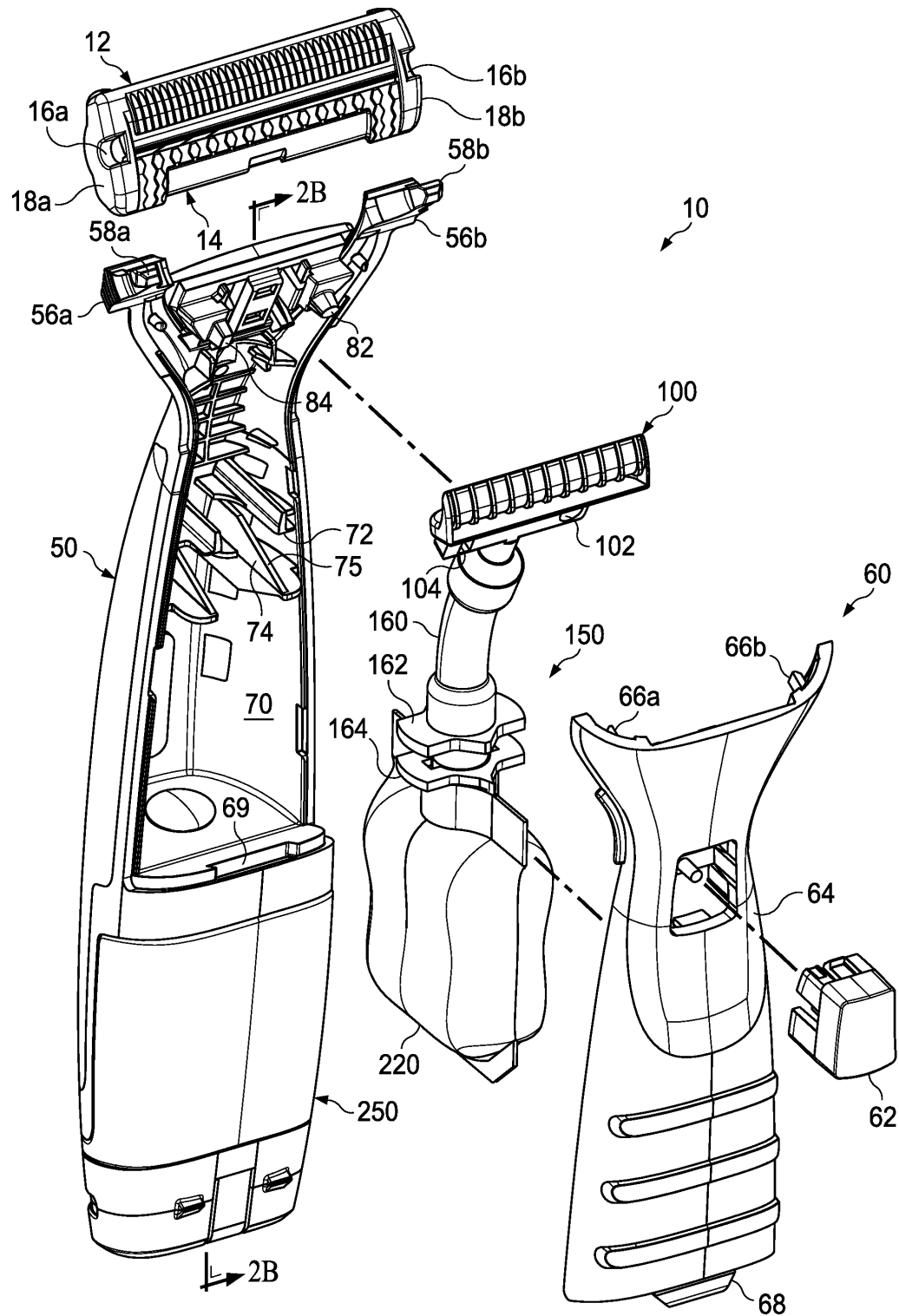
BAYER INTELLECTUAL PROPERTY

Family 25/100 - FAMPAT - ©Questel

Title

(EP2632661)

Pump for a **liquid** dispensing hair removal **device****Images**



Publication data including kind & date

EP2632661	A1	2013-09-04	EP2632661
EP2632661	B1	2015-11-25	EP2632661
WO2012/058499	A1	2012-05-03	WO201258499
US20120102743	A1	2012-05-03	US20120102743
US9789620	B2	2017-10-17	US9789620
US20170368702	A1	2017-12-28	US20170368702
US10232521	B2	2019-03-19	US10232521
RU2013120410	A	2014-12-10	RU2013120410
RU2545866	C2	2015-04-10	RU2545866



IN3762/DELNP/2013	A	2014-11-21	IN2013DN03762
BR112013010245	A1	2016-02-10	BR112013010245
BR112013010245	A2	2016-09-13	BR112013010245
CN102452085	A	2012-05-16	CN102452085
CN102452085	B	2016-01-27	CN102452085B
MX2013004691	A	2013-06-12	MX2013004691
MX341033	B	2016-08-03	MX-341033



Abstract

(EP2632661)

A **liquid** dispensing unit (150) for a hair removal **device** (10) with a reservoir (220) **and** an applicator (100) in **liquid** communication with the reservoir. A first **and** second connector (162, 164) are in **liquid** communication with the reservoir. The first **and** second connector each have a respective first **and** second valve (118, 178). A resilient tube (166) is disposed between the connectors. The resilient tube has a neutral position with both valves closed **and** a second position with one valve open **and** one valve closed.

Inventors

WAIN KEVIN JAMES

BURROWES LEE

ROCKELL BARRY KEITH

Latest standardized assignees - inventors removed

GILLETTE

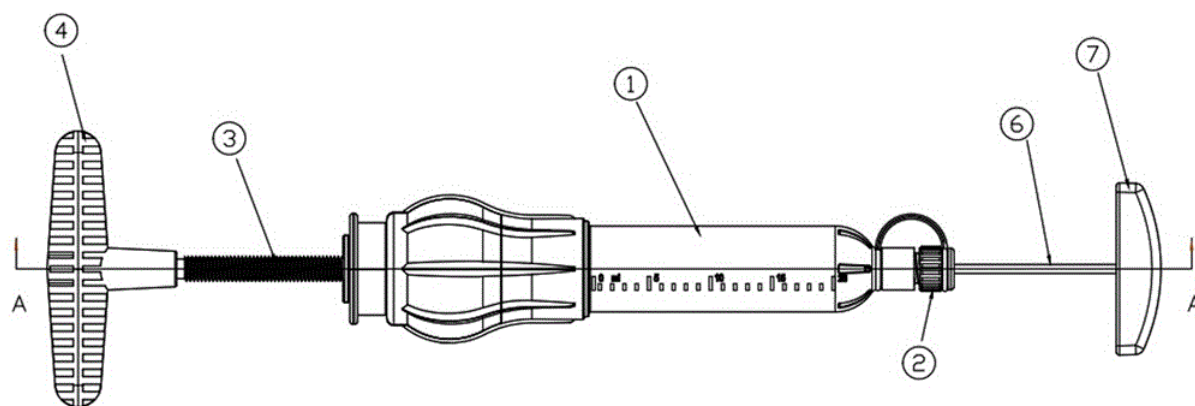
Family 26/100 - FAMPAT - ©Questel

Title

(CN104688321)

Integrated bone cement injection **device** with stirring function **and** injection function

Images



Publication data including kind & date

CN104688321	A	2015-06-10	CN104688321
CN104688321	B	2017-03-01	CN104688321B



Abstract

(CN104688321)

The invention relates to the field of **medical** instruments **and** discloses an integrated bone cement injection **device** which comprises a needle cylinder, a push-pull assembly **and** a stirring assembly. The front end of the needle cylinder is detachably connected with a plug assembly achieving a closing effect. The rear end of the needle cylinder is detachably connected with a handheld grip assembly. The push-pull assembly comprises a push-pull rod, a push-pull handle **and** a piston with a sealing ring. The stirring assembly comprises a stirring rod, a stirring handle **and** a stirring piece. A stirring assembly **and** a push-pull assembly are arranged at two ends of the needle cylinder, stirring **and** push-pull injection action can be finished within one needle cylinder, injection can be conducted by installing a puncture **device** after stirring, the shortcoming that bone cement falling on the outside generates pungent odor **and** reproduction of bone cement causes

waste, the operation time is reduced, the burden of doctors is reduced, a doctor can finish various operations in a surgery easily, accidents in the surgery are reduced, **and** the surgery quality can be improved.

Inventors

CAI JINCHAO

Latest standardized assignees - inventors removed

ACME TEK **MEDICAL** DEVICES

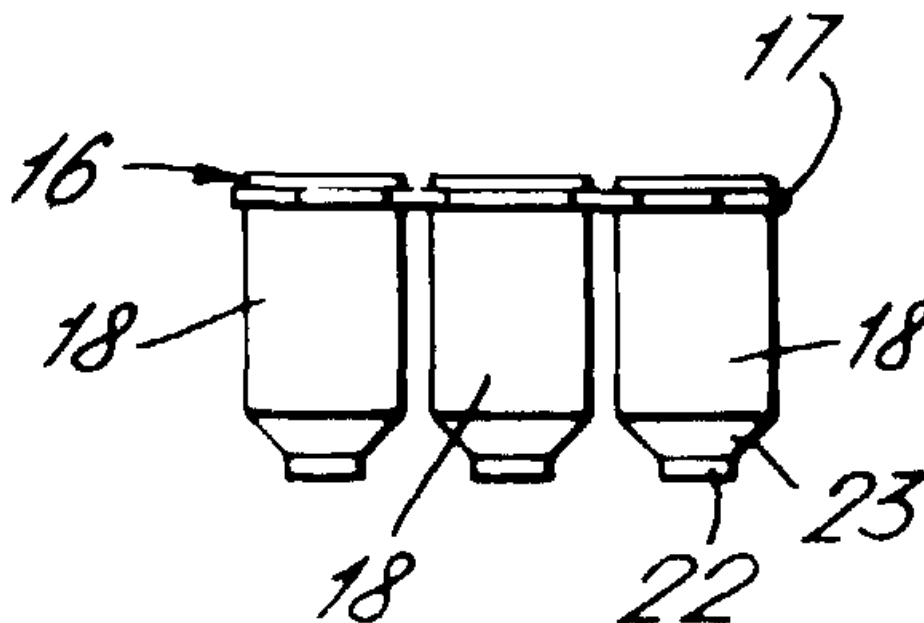
Family 27/100 - FAMPAT - ©Questel

Title

(FR2250991)

Procédé et dispositif pour la lecture et l'enregistrement automatiques de résultants de réaction.

Images



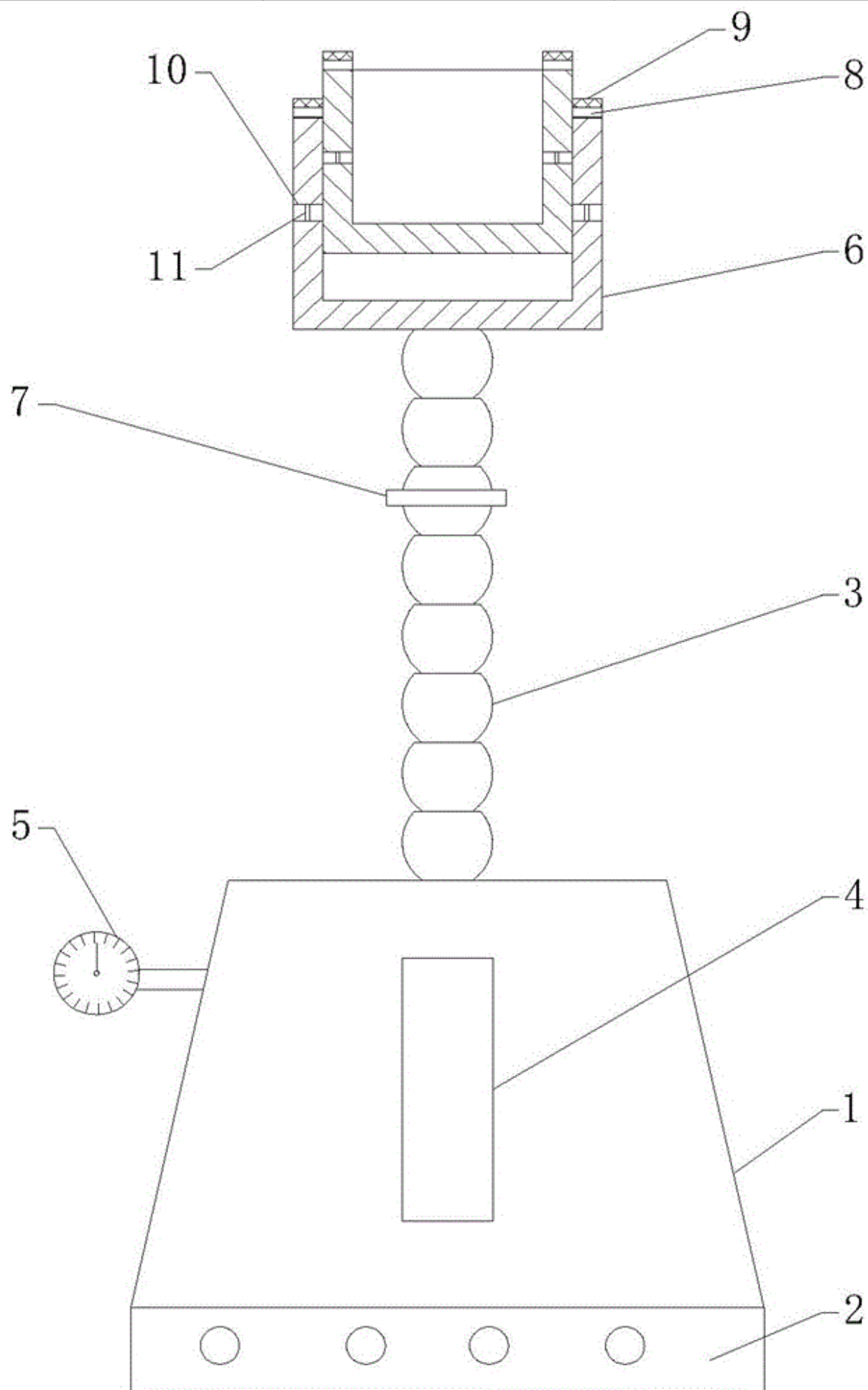
Publication data including kind & date

FR2250991	A1	1975-06-06	FR2250991
FR2250991	B1	1978-09-29	FR2250991
FR2277341	A1	1976-01-30	FR2277341
FR2277341	B3	1978-07-21	FR2277341
FR2363098	A1	1978-03-24	FR2363098
FR2363098	B1	1980-04-18	FR2363098
DE2451769	A1	1975-05-15	DE2451769
DE2451769	C2	1985-07-04	DE2451769
DE2504269	A1	1976-01-22	DE2504269
DE2504269	C2	1988-10-20	DE2504269
DE2463113	C2	1985-06-27	DE2463113
GB1486210	A	1977-09-21	GB1486210
GB1499414	A	1978-02-01	GB1499414



CH585400	A5	1977-02-28	CH-585400				
CH590085	A5	1977-07-29	CH-590085				
CH590472	A5	1977-08-15	CH-590472				
JPS5089092	A	1975-07-17	JP50089092				
JPS5912982	B2	1984-03-27	JP84012982				
JP1238922	C	1984-11-13	JP1238922				
SE7413810	A	1975-05-15	SE7413810				
NL7414782	A	1975-05-16	NL7414782				
NO744080	L	1975-06-09	NO-744080				
DK591774	A	1975-07-14	DK7405917				
NL7502918	A	1976-01-07	NL7502918				
AU7516274	A	1976-05-13	AU7475162				
AU7792975	A	1976-08-05	AU7577929				
NL8105126	A	1982-03-01	NL8105126				
CA1031183	A	1978-05-16	CA1031183				
IT1024813	B	1978-07-20	IT1024813				

Images



(CN105853189)

The invention discloses a medicine fuming **device** for urology department nursing. The medicine fuming **device** comprises a **liquid** medicine pot, a heating **device** **and** a universal bamboo joint tube, wherein the heating **device** is arranged at the bottom of the **liquid** medicine pot; the universal bamboo joint tube is arranged at the top of the **liquid** medicine pot **and** is communicated with the **liquid** medicine pot; an observation window **and** a temperature indicator are arranged on the **liquid** medicine pot; one end, far away from the **liquid** medicine pot, of the universal bamboo joint tube is provided with a connecting cover; **and** a regulating valve is arranged on the universal bamboo joint tube. The medicine fuming **device** using the structure has the advantages that the structure is simple; the use is convenient; the treatment effect is good; safety **and** reliability are realized; **and** convenience can be brought for patients.

Inventors

ZHU QINGQING

JIANG JUN

WANG CHENDIE

YIN QIONG

WANG XIAOFEN

Latest standardized assignees - inventors removed

3RD HOSPITAL AFFILIATED TO THE 3RD MILITARY **MEDICAL** UNIVERSITY

Family 29/100 - FAMPAT - ©Questel

Title

(EP1878704)

Electrochemical treatment of an aqueous solution

Images

A method **and** apparatus for the electrochemical treatment of an aqueous solution in an electrolytic cell is described. Output solution having a predetermined level of available free chlorine is produced by applying a substantially constant current across the cell between an anode **and** a cathode while passing a substantially constant throughput of chloride ions through the cell.

Inventors

BUCKLEY ALAN

BELLAMY MARTIN

COLLINS PHIL

POPOV ALEXEY YUREIVICH

Latest standardized assignees - inventors removed

CHEMSTAR

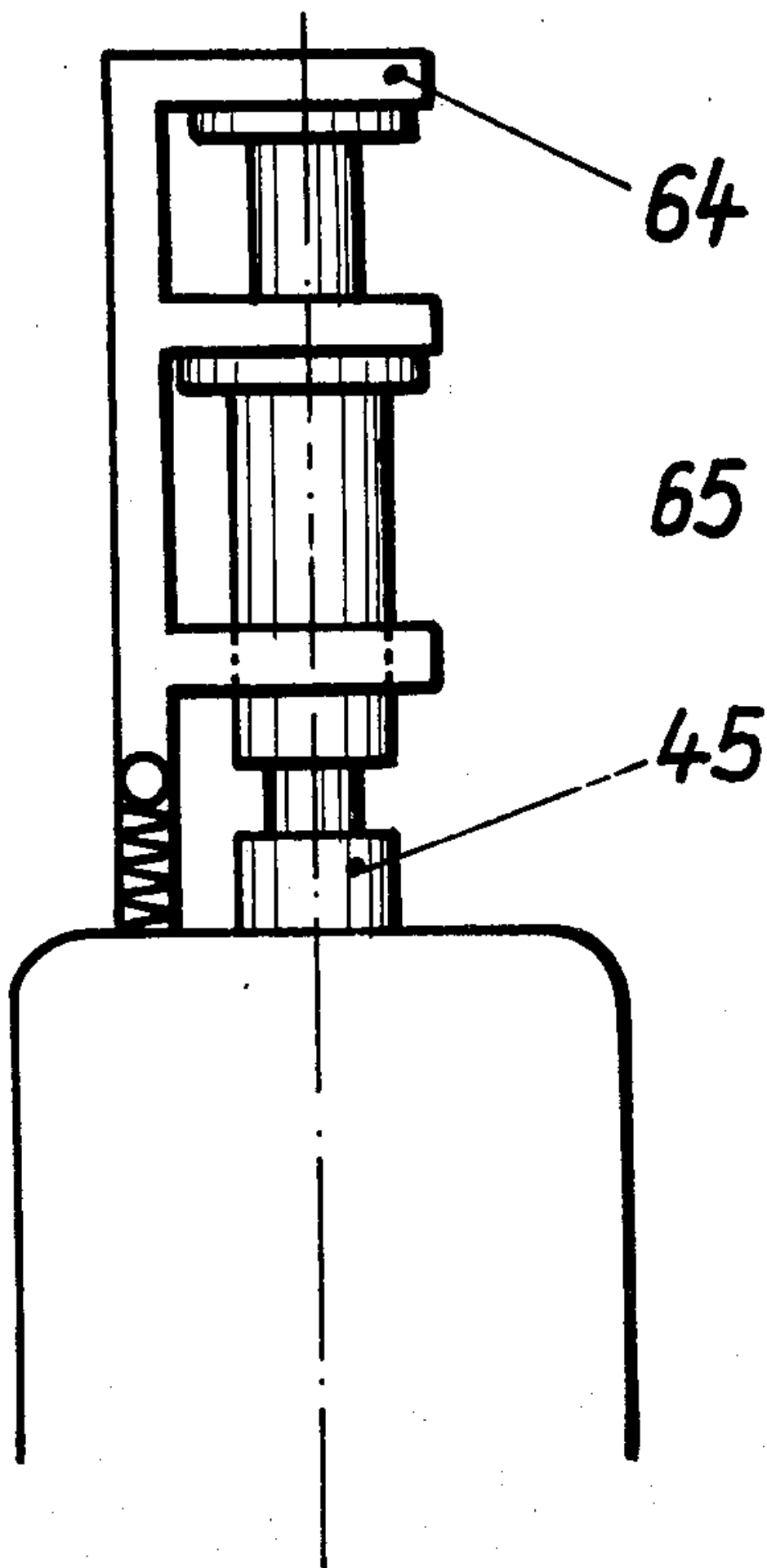
REALM THERAPEUTICS

Family 30/100 - FAMPAT - ©Questel

Title

(US4169474)

Liquid medicine dispensers with dose mechanisms for oral **and** injection therapy**Images**



Publication data including kind & date

US4169474	A	1979-10-02	US4169474
FR2292488	A1	1976-06-25	FR2292488
GB1517289	A	1978-07-12	GB1517289
ES443934	A1	1977-12-16	ES-443934
IN146064	B	1979-02-17	IN-146064

**Abstract**

(US4169474)

It is intended, that the invention facilitate medicine therapy by providing the medicine supply containers directly with an adjustable dose mechanism, for which a medicine propulsion through a membrane, which is under pressure, is especially intended. For injection treatment, the possibility of a direct subcutaneous injection through a cannula placed on a dose mechanism is created, to the extent that measures are taken to maintain sterility by special sealing devices (disinfection, suction, band movement etc). The filling of the syringes from a large supply in stationary injection use can generally be facilitated through the limitation of the movement of the syringe piston by dosage stops; the projection of sterility can be achieved with greater additions **and** costs (rinsing system etc). Finally, for oral use, rinsing-fluid **and** medicine containers are at least functionally connected with one another, so that counting of drops **and** rinsing glass are dispensed with. The smallest unit, the pressurized gas ampule, allows the use of different cannulas for individual doses.

Inventors

WAGNER WOLFGANG

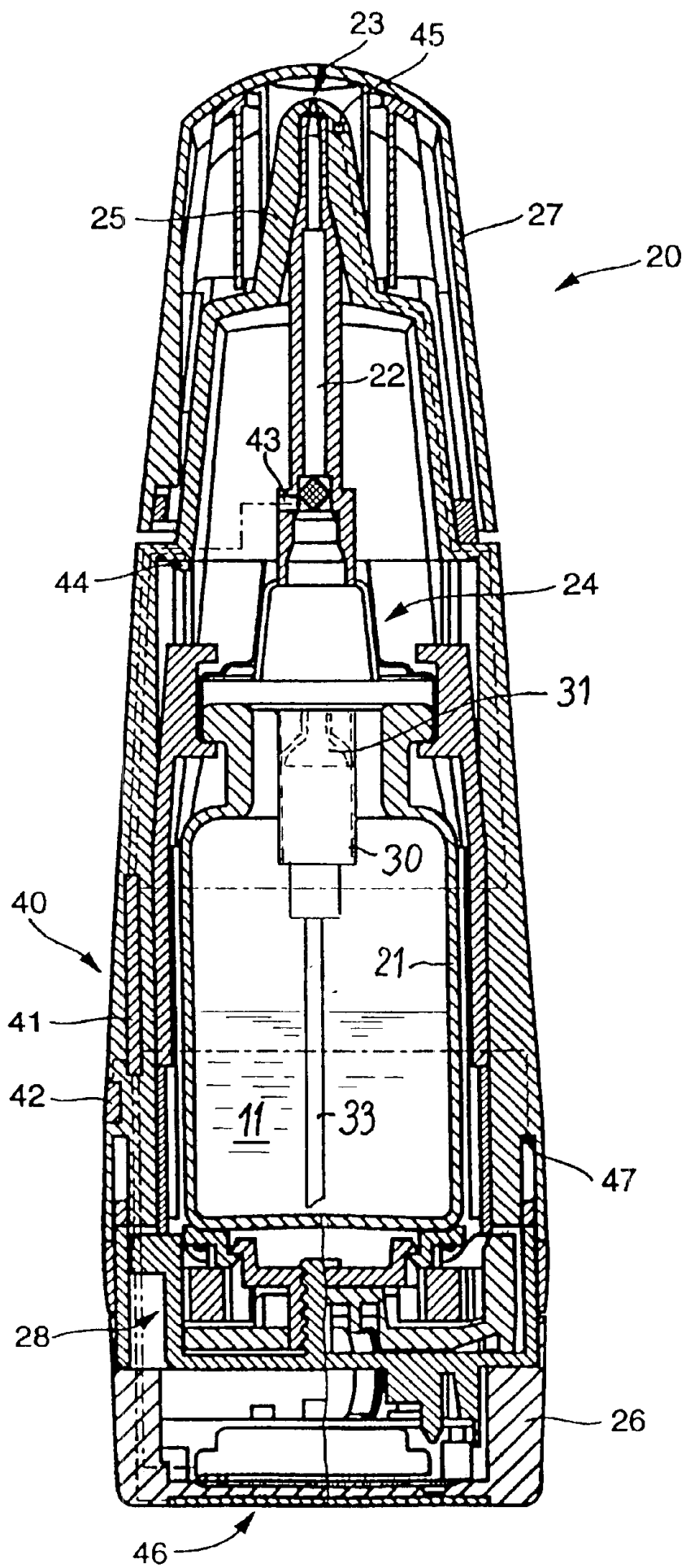
Latest standardized assignees - inventors removedWAGNER WOLFGANG DR **MEDICAL**

Family 31/100 - FAMPAT - ©Questel

Title

(EP1293224)

Dispenser for media**Images**



Publication data including kind & date

EP1293224	A2	2003-03-19	EP1293224				
EP1293224	A3	2004-01-02	EP1293224				
EP1749548	A2	2007-02-07	EP1749548				
EP1749548	A3	2007-06-27	EP1749548				
EP1749548	B1	2010-09-22	EP1749548				
US20030052196	A1	2003-03-20	US20030052196				
US6886556	B2	2005-05-03	US6886556				
DE10146815	A1	2003-05-22	DE10146815				
DE10146815	B4	2005-05-04	DE10146815				
DE50214681	D1	2010-11-04	DE50214681				
JP2003111844	A	2003-04-15	JP2003111844				
JP4383030	B2	2009-10-02	JP4383030				
AT481995	T	2010-10-15	ATE481995				
ES2351576	T3	2011-02-08	ES2351576				

Abstract

(EP1293224)

A unit for dispensing media containing at least one pharmaceutically active substance, comprises an electronic registering **device** with at least one sensor for determining the amount of medium dispensed.

Inventors

FUCHS KARL-HEINZ

Latest standardized assignees - inventors removed

APTAR RADOLFZELL

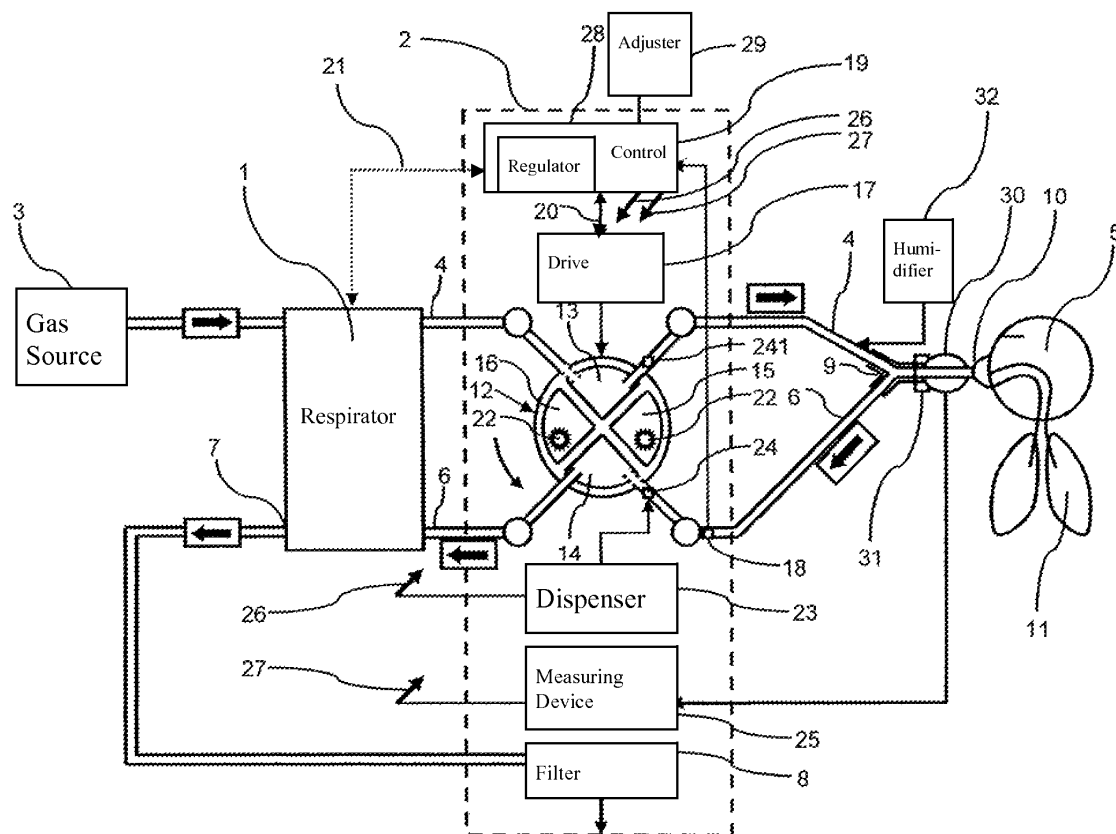
Family 32/100 - FAMPAT - ©Questel

Title

(US8267087)

Device for adsorbing **and** desorbing anesthetic

Images



Publication data including kind & date

US20090095295	A1	2009-04-16	US20090095295
US8267087	B2	2012-09-18	US8267087
FR2922113	A1	2009-04-17	FR2922113
FR2922113	B1	2013-05-03	FR2922113
DE102007048893	A1	2009-04-23	DE102007048893
DE102007048893	B4	2009-06-25	DE102007048893
DE102007048893	C5	2011-06-01	DE102007048893



Abstract

(US20090095295)

A **device** is provided for adsorbing **and** desorbing anesthetic has good control of anesthetic dispensing such as in an anesthetic system. An adsorption filter is provided with adsorption beds (13, 14), which can be pivoted between an inspiration line (4) **and** an expiration line (6). The anesthetic is dispensed in the expiration line (6) on the incoming flow side of the adsorption bed (14) arranged there.

Inventors

WRUCK NORBERT
KULLIK GOETZ
RIECKE MICHAEL

Latest standardized assignees - inventors removed

DRAEGER **MEDICAL** SYSTEMS

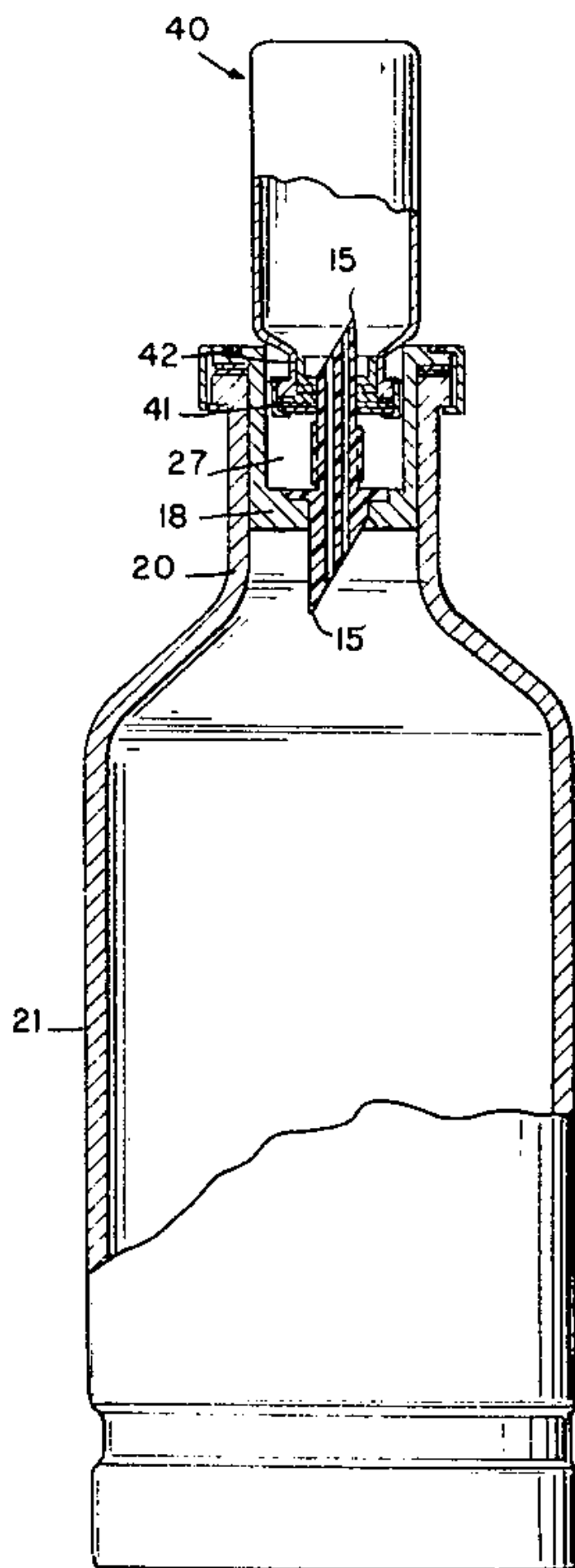
Family 33/100 - FAMPAT - ©Questel

Title

(US4244467)

Device for the extemporaneous preparation of a solution under sterile conditions

Images



Publication data including kind & date

US4244467	A	1981-01-13	US4244467
FR2427964	A1	1980-01-04	FR2427964
DE2922706	A1	1979-12-20	DE2922706
GB2026992	A	1980-02-13	GB2026992
GB2026992	B	1982-10-13	GB2026992
CH637590	A5	1983-08-15	CH-637590
IT7849717	D0	1978-06-05	IT7849717
IT1104727	B	1985-10-28	IT1104727
ES251515	U	1980-10-01	ES-251515U
ES251515	Y	1981-03-16	ES-251515Y

**Abstract**

(US4244467)

A **device** for extemporaneously preparing under sterile conditions a solution **and** dispensing carefully dosed amounts of the solution, is disclosed, wherein the container for the solvent is sealingly closed by an upwardly recessed capsule provided with an axially-extending, substantially cylindrical body the outwardly projecting end whereof is shaped as a piercing tip **and** having therein two parallel, adjacent passages. The opposite outlets of one passage are offset to the corresponding outlets of the adjacent passage.

Inventors

CAVAZZA CLAUDIO

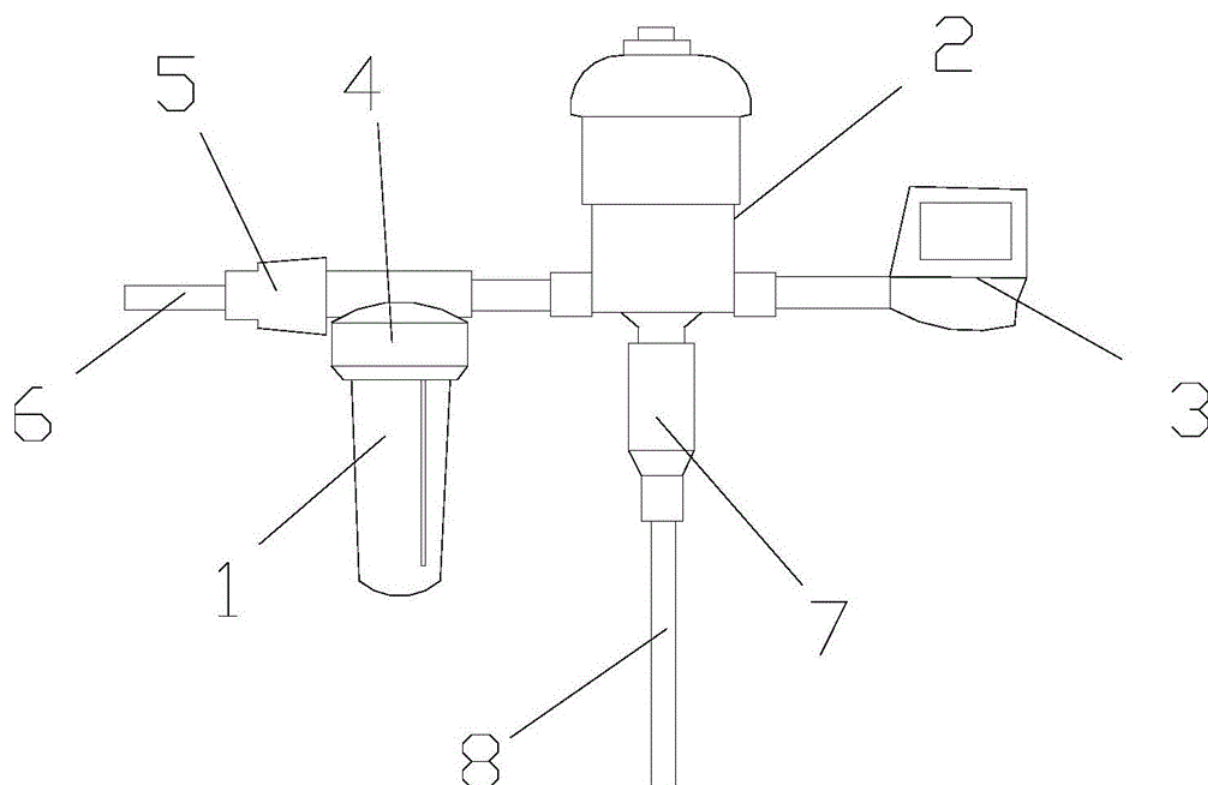
Latest standardized assignees - inventors removed

SIGMA TAU INDUSTRIE FARMACEUTICHE RIUNITE

Family 34/100 - FAMPAT - ©Questel

Title

(CN205867303U)

Thoracic surgery **doser****Images****Publication data including kind & date**

CN205867303	U	2017-01-11	CN205867303U
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Abstract

(US5235971)

An anesthetic metering **device** is provided with a temperature-stabilized anesthetic vapor source, from which anesthetic vapor 14 is metered into a carrier gas stream via a delivery line 8 with a metering valve 11 that can be controlled by a control unit 6. The arrangement is provided so that uncontrolled evaporation of anesthetic is prevented. To accomplish this task, the anesthetic vapor source is designed as a vaporizer chamber 2 filled with **liquid** anesthetic 3, **and** a gas delivery element 9 generating the metering pressure P.sub.I is present in front of the metering valve 11.

Inventors

FALB WOLFGANG

GIPPERT KARL-LUDWIG

HEIM ULRICH

HOELSCHER UVO

KISKE SIEGFRIED

KULLIK GOETZ

LOESER RALF-ERNST

MAURER CHRISTOPH

Latest standardized assignees - inventors removedDRAEGER **MEDICAL** SYSTEMS

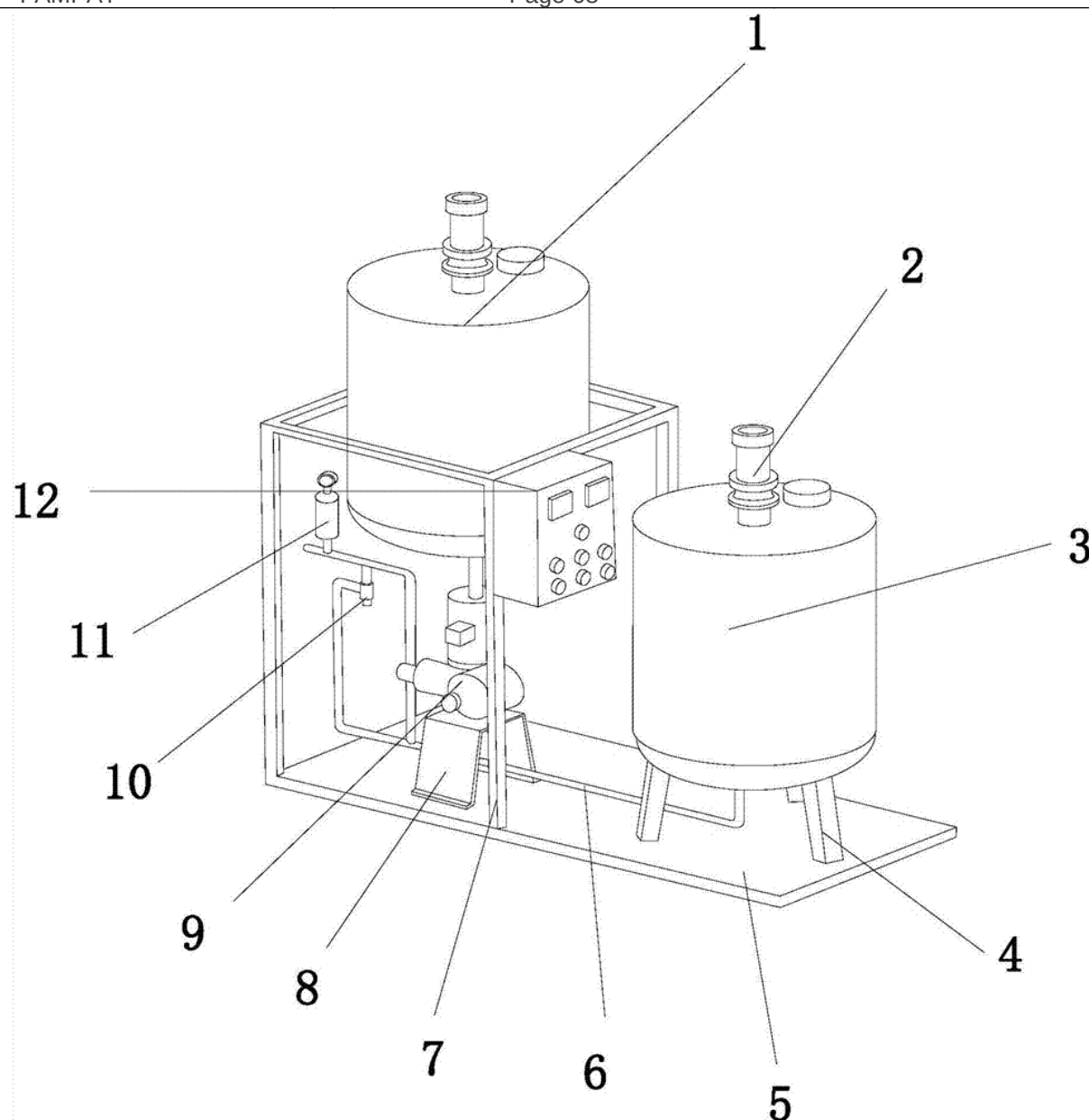
Family 36/100 - FAMPAT - ©Questel

Title

(CN207641310U)

Automatic medicine medicine machine that melts of sewage treatment

Images

**Publication data including kind & date**

CN207641310

U 2018-07-24 CN207641310U

**Abstract**

(CN207641310)

The utility model discloses an automatic medicine machine that melts of sewage treatment, its structure is including melting medicinal cupping structure, first motor, liquid medicine storage tank, holding vessel support frame, base, conveyer pipe, main tributary vaulting pole, doser fixing base, measurement doser, relief valve, pulse damper, control box, and weld with holding vessel support frame top through screw fixed connection, liquid medicine storage tank bottom with first motor bottom mutually at liquid medicine storage tank top, laminate mutually with the base top bottom the holding vessel support frame, the utility model relates to an automatic medicine machine that melts of sewage treatment, the medicinal cupping structure is melted to structural being equipped with, and behind starting drive, control box control vacuum pump makes the sealing flange begin to melt the liquid medicine to getting into the stock solution chamber through the liquid outlet, beginning a liquid medicine via the measurement doser again, automatic operation sparingly thinks operating time, and liquid medicine fusion back scrubbing takes effect sooner, improves work efficiency.

Inventors

LI MENGYAO

WANG FENGXIN

MA YINGJIE

Latest standardized assignees - inventors removed

SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE

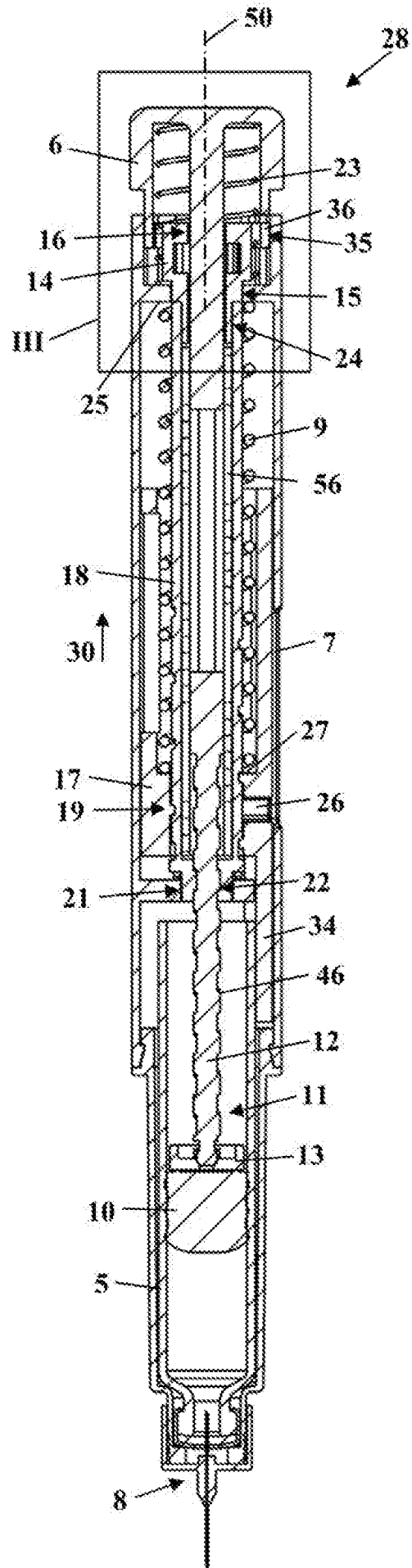
Family 37/100 - FAMPAT - ©Questel

Title

(EP3355967)

Injection apparatus

Images



Publication data including kind & date

EP3355967	A1	2018-08-08	EP3355967				
WO2017/054917	A1	2017-04-06	WO201754917				
US20180221588	A1	2018-08-09	US20180221588				
DE202015006841	U1	2016-02-25	DE202015006841				
JP2018529463	A	2018-10-11	JP2018529463				
RU2687576	C1	2019-05-15	RU2687576				
CA2999386	A1	2017-04-06	CA2999386				
BR112018003858	A1	2018-04-03	BR112018003858				
BR112018003858	A2	2018-10-02	BR112018003858				
CN108367117	A	2018-08-03	CN108367117				

Abstract

(EP3355967)

An injection apparatus (1) has a housing (2), an central longitudinal axis (50), an operating element (6) **and** a dosing element (18) held rotatably **and** fixedly in the direction of the central longitudinal axis (50) in the housing (2). The operating element (6), in a first position (51) for setting an amount of injection **liquid** to be expelled, is mounted such that it can rotate relative to the housing (2) **and** is connected, via a first coupling (16), to the dosing element (18) for conjoint rotation. In a second position (52) for expelling an amount of injection **liquid** to be expelled, the operating element (6) is connected, via a second coupling (20), to the housing (2) for conjoint rotation **and** such that it can rotate relative to the dosing element (18). A first detent mechanism (35) operates between the operating element (6) **and** the housing (2) **and** functions only when the operating element (6) is in the first position (51) as the amount of injection **liquid** to be expelled is set. A second detent mechanism (62) operates between the operating element (6) **and** the dosing element (18) **and** functions only when the operating element (6) is in the second position (52) as the amount of injection **liquid** to be expelled is expelled.

Inventors

KEITEL JOACHIM

Latest standardized assignees - inventors removed

HASELMEIER

Family 38/100 - FAMPAT - ©Questel

Title

(EP1795221)

Dispensing **device**, **storage device** **and** method for dispensing a formulation**Images**

BRPI9911051	A1	2001-02-06	BR9911051				
BRPI9911051	A2	2011-12-06	BR9911051				
KR20010025042	A	2001-03-26	KR20010025042				
CZ20004261	A3	2001-06-13	CZ20004261				
CN1301184	A	2001-06-27	CN1301184				
PL344305	A1	2001-10-22	PL99344305				
HU0102074	A2	2001-10-28	HU200102074				
HU0102074	A3	2001-12-28	HU200102074				
IL139242	A	2001-11-25	IL-139242				
CA2332368	A1	1999-11-25	CA2332368				
CA2332368	C	2007-05-15	CA2332368				
AU3810499	A	1999-12-06	AU9938104				
AU748281	B2	2002-05-30	AU-748281				
ZA200006159	B	2001-06-25	ZA200006159				
AT250945	T	2003-10-15	ATE250945				
DK1079876	T3	2004-01-26	DK1079876T				
PT1079876	E	2004-02-27	PT1079876				
ES2207942	T3	2004-06-01	ES2207942				
IN0590/MUMNP/2000	A	2005-07-15	IN2000MN00590				
IN203176	B	2007-05-05	IN-203176				

Abstract

(EP1079876)

The invention relates to an apparatus for self treatment of diabetes. The apparatus is particularly advantageous by comprising a plurality of devices each of which has its own dedicated function corresponding to a number of acts which a diabetic must perform on himself. The individual devices are mutually interconnectable, **and** the combination comprises at least a body fluid analyser **and** a dosing apparatus for administering a predetermined dose of insulin to the patient. Each of the devices may be provided in several sizes so that the user himself may combine the relevant devices of the relevant size with respect to the current need. This reduces the risk of forgetting parts of the equipment, **and** the confidence of using the equipment is enhanced because it is evident to the user that it is a complete apparatus consisting of unified parts.

Inventors

LAV STEFFEN

MUNK JENS AAGE

RITSING BRIAN

Latest standardized assignees - inventors removed

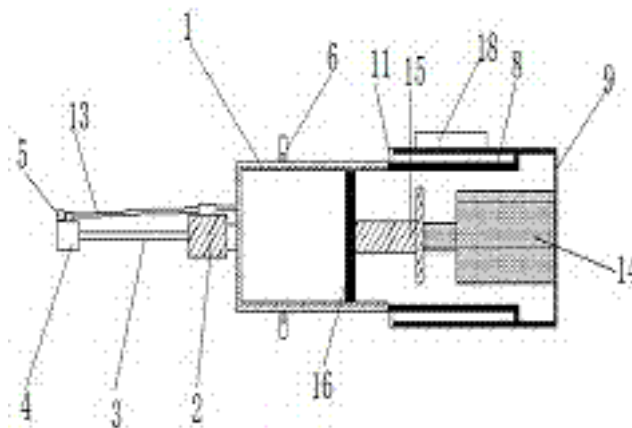
NOVO NORDISK

Family 40/100 - FAMPAT - ©Questel

Title

(CN108030998)

Otolaryngology dosage adjustable **doser****Images**

**Publication data including kind & date**

CN108030998

A

2018-05-15

CN108030998

**Abstract**

(CN108030998)

The invention belongs to the technical field of **medical** instruments **and** particularly relates to an otolaryngology dosage adjustable **doser**. The otolaryngology dosage adjustable **doser** solves the problem that a single user cannot complete dosing operation **and** observation of dosage during dosing operation. According to the scheme, the otolaryngology dosage adjustable **doser** comprises a transparent syringe **and** a sleeve arranged at the outlet end of the syringe in a sleeve mode, **and** one end of the sleeve, which is away from the syringe, is connected with a universal pipe which is connected with a dosing head; the outer wall of one side of the dosing head, which is away from the universal pipe, is provided with an outlet hole, **and** the top of the dosing head is fixedly provided with a probe; the circumferential outer wall of the syringe is slidingly connected with a fixing ring in a sleeve mode, the inner wall of the fixing ring is provided with a mounting groove in a ring structure, **and** a sensing ring is mounted inside the mounting groove. The otolaryngology dosage adjustable **doser** can conveniently enter deep into ear, nose or throat **and** monitor lesion **and** achieve observability of dosing processes as well as automatic dosing in a quantitative **and** adjustable mode, thereby facilitating operation by a single user **and** saving time **and** labor.

Inventors

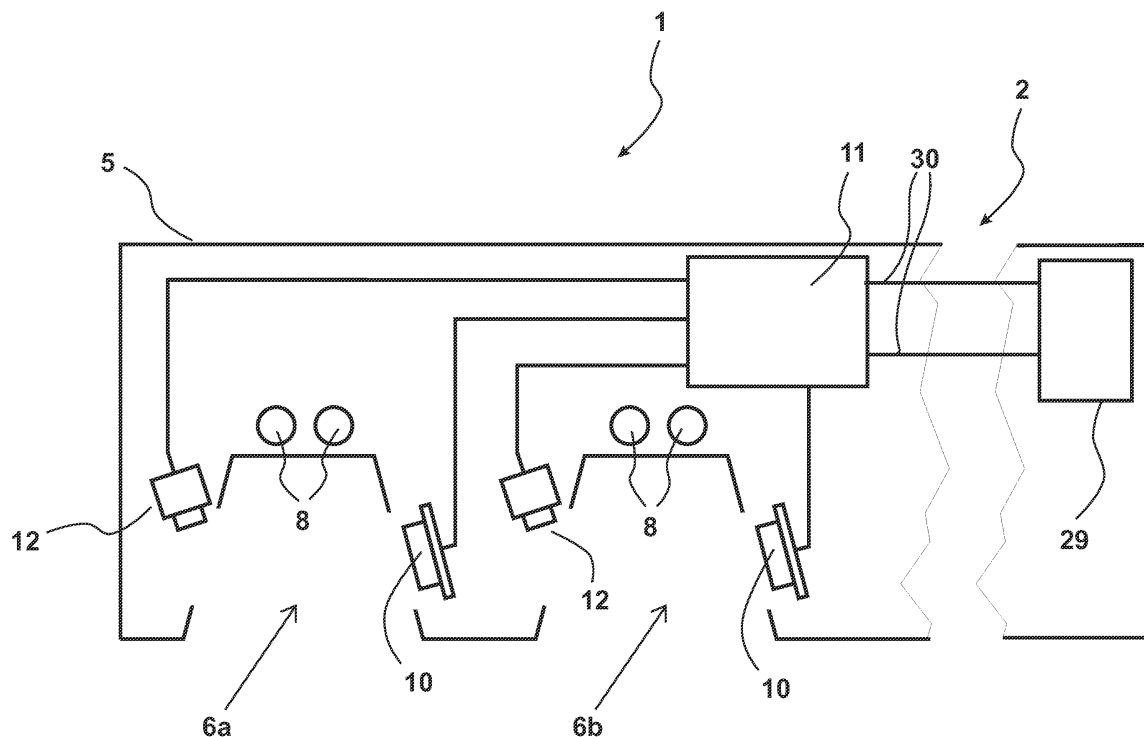
LIU ZENG

Family 41/100 - FAMPAT - ©Questel

Title

(US9555212)

Anesthesia system with detachable anesthetic dispensing **device****Images**



Publication data including kind & date

US20110297148	A1	2011-12-08	US20110297148
US9555212	B2	2017-01-31	US9555212
FR2960785	A1	2011-12-09	FR2960785
FR2960785	B1	2014-12-19	FR2960785
DE102011102204	A1	2011-12-08	DE102011102204
DE102011102204	B4	2017-11-16	DE102011102204
CN102309805	A	2012-01-11	CN102309805
CN102309805	B	2014-11-26	CN102309805B



Abstract

(US20110297148)

An anesthesia system for providing a breathing gas enriched with anesthetic has an anesthesia apparatus (2) and at least one anesthetic dispensing device (3), which is detachably coupled with the anesthesia apparatus. A fluid connection (7, 8, 9) is provided between the anesthesia apparatus and the dispensing device, which is designed to send anesthetic from the dispensing device into the anesthesia apparatus. At least one optical interface is provided between the anesthesia apparatus and the dispensing device. At least one display device is provided in the dispensing device. The optical interface has at least one light source (10), which is provided in the anesthesia apparatus, and at least one fiber optic light guide (20), which is provided in the anesthetic dispensing device (3). The light fed by the light source (10) into the fiber optic light guide is sent to the display device to directly or indirectly light the display device.

Inventors

FABER SÖNKE
 FALB WOLFGANG
 HEIDSCHMIDT MICHAEL
 HEYER SVEN
 LUTTER THOMAS
 MARX CORNELIA
 MEYER MARTIN
 PASDZIOR SVEN
 RADOMSKI KLAUS
 STARK HARTMUT

Latest standardized assignees - inventors removed

DRAEGERWERK

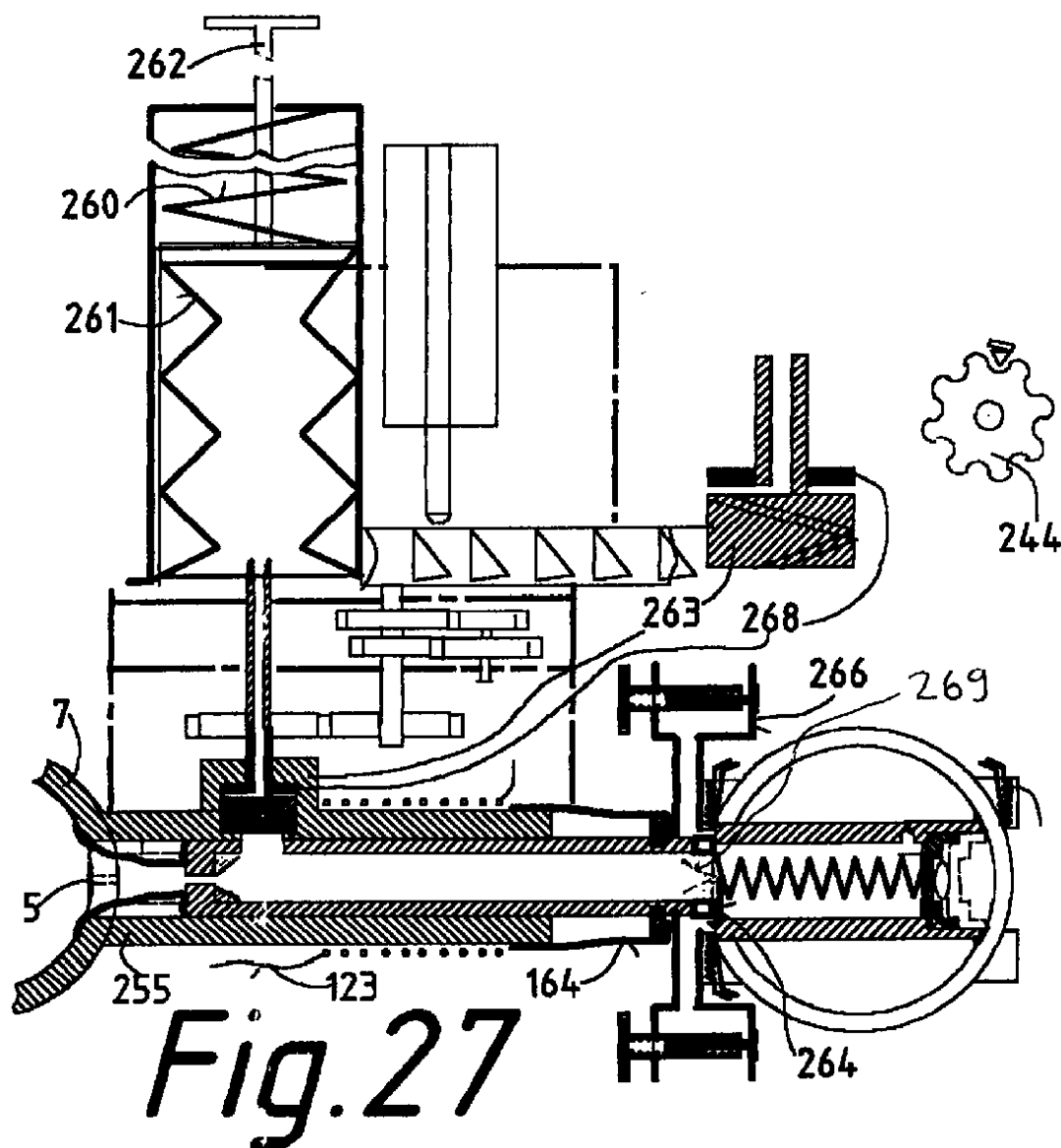
Family 42/100 - FAMPAT - ©Questel

Title

(EP-800841)

Jet injector

Images



Publication data including kind & date

[EP0800841](#)

A1 1997-10-15 EP-800841



Abstract

(EP0800841)

A needless injector system has a suction cap to raise the skin. If the injected medication is a **liquid**, the injection channel is flushed with a diluting fluid also during the injection. With a powder medication, the dilution **and** washing functions are replaced by a pressure gas during **and** between injections.

Inventors

WAGNER WOLFGANG DR MED

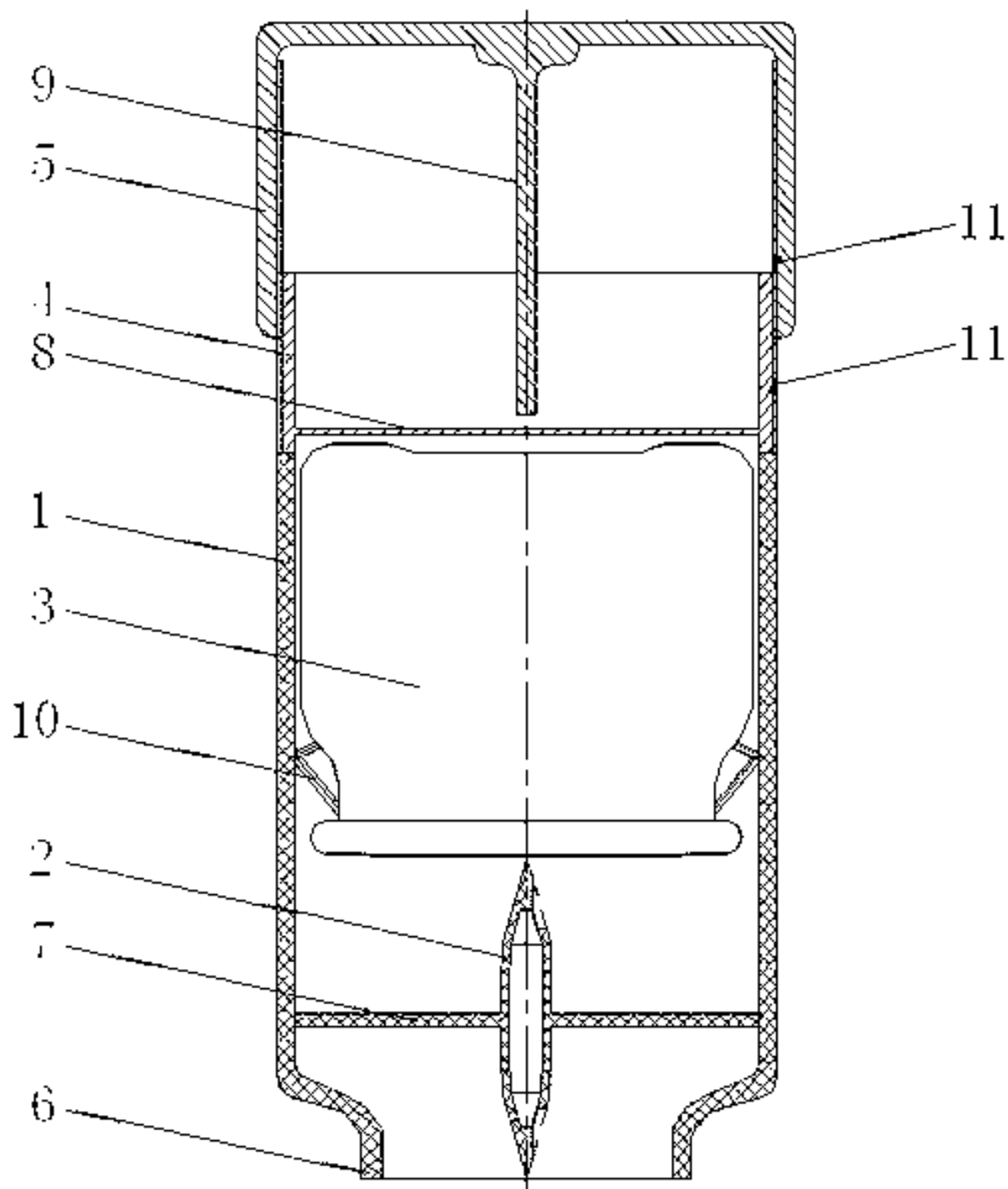
Latest standardized assignees - inventors removed

WAGNER WOLFGANG DR **MEDICAL**

Family 43/100 - FAMPAT - ©Questel

Title

(CN202459345U)

Preassembled **doser****Images****Publication data including kind & date**

CN202459345

U

2012-10-03

CN202459345U

**Abstract**

(CN202459345)

The utility model discloses a preassembled **doser**. The **doser** comprises a sealing **device**, a thrusting **device** and double dosing needles, wherein the double dosing needles are arranged in the sealing **device**, and the thrusting **device** comprises a pressing component for pressing the sealing **device** through one end of the sealing **device**. While the preassembled **doser** is in use, the sealing **device** is butted with an interface on a transfusion container, a medicine container is preassembled in the sealing **device** and the medicine container and the double dosing needles are at a sealing state by a

TW200305020	A	2003-10-16	TW200305020				
TWI306510	B	2009-02-21	TWI306510				
AU2003220669	A1	2003-10-27	AU2003220669				
AU2003220669	B2	2008-09-18	AU2003220669				
AT309544	T	2005-11-15	ATE309544				
HK1058397	A1	2006-03-03	HK1058397				
ES2252358	T3	2006-05-16	ES2252358				

Abstract

(EP1357383)

An assay **device and** method for measuring the concentration of HDL-associated cholesterol in a blood-fluid sample are described. The assay design prevents interference by reagents used for such removal with the HDL quantification reaction or with other assays carried out on the same sample. If desired, removal of non-HDL lipoproteins **and** assay of HDL cholesterol can be carried out without interruption of the assay.

Inventors

JONES RONALD M

WORTHY THOMAS E

SHINDELMAN JEFF

BELLET NEAL

NUGENT ANTHONY

Latest standardized assignees - inventors removed

ALERE SAN DIEGO

BIOSITE

ISCHEMIA TECHNOLOGIES

QUALITY ASSURED SERVICES

MATRIA HEALTHCARE

ZYCARE

AMEDITECH

MATRITECH

IONIAN TECHNOLOGIES

ALERE SCARBOROUGH

APPLIED BIOTECH

STANDING STONE

ALERE CONNECT

INSTANT TECHNOLOGIES

MARTIA HEALTHCARE

ESCREEN OVERLAND PARK KS

BINAX

ALERE

ALERE **MEDICAL**GENECARE **MEDICAL** GENETICS CENTER

ADVANTAGE DIAGNOSTICS

HEMOSENSE

INNOVACON

Family 45/100 - FAMPAT - ©Questel

Title

(EP-932626)

G protein-coupled receptor antagonists

SEQUENCE RANGE: 1 to 1689

			10			20			30			40		
	*		*		*		*		*		*		*	
AAT	CCT	TTT	CCT	GGC	ACC	TCT	GAT	ATC	CTT	TTG	AAA	TTC	ATG	TTA
50				60				70			80			90
*		*		*		*		*		*		*		*
AAG	AAT	CCC	TAG	GCT	GCT	ATC	ACA	TGT	GGC	ATC	TTT	GTT	GAG	TAC
		100				110			120			130		
	*		*		*		*		*		*		*	
ATG	AAT	AAA	TCA	ACT	GGT	GTG	TTT	TAC	GAA	GGA	TGA	TTA	TGC	TTC
140				150				160			170			180
*		*		*		*		*		*		*		*
ATT	GTG	GGA	TTG	TAT	TTT	TCT	TCT	TCT	ATC	ACA	GGG	AGA	AGT	GAA
		190				200			210			220		
	*		*		*		*		*		*		*	
ATG	ACA	ACC	TCA	CTA	GAT	ACA	GTT	GAG	ACC	TTT	GGT	ACC	ACA	TCC
Met	Thr	Thr	Ser	Leu	Asp	Thr	Val	Glu	Thr	Phe	Gly	Thr	Thr	Ser
230				240				250			260			270
*		*		*		*		*		*		*		*
TAC	TAT	GAT	GAC	GTG	GGC	CTG	CTC	TGT	GAA	AAA	GCT	GAT	ACC	AGA
Tyr	Tyr	Asp	Asp	Val	Gly	Leu	Leu	Cys	Glu	Lys	Ala	Asp	Thr	Arg
		280				290			300			310		
	*		*		*		*		*		*		*	
GCA	CTG	ATG	GCC	CAG	TTT	GTG	CCC	CCG	CTG	TAC	TCC	CTG	GTG	TTC
Ala	Leu	Met	Ala	Gln	Phe	Val	Pro	Pro	Leu	Tyr	Ser	Leu	Val	Phe
320				330				340			350			360
*		*		*		*		*		*		*		*
ACT	GTG	GGC	CTC	TTG	GGC	AAT	GTG	GTG	GTG	GTG	ATG	ATC	CTC	ATA
Thr	Val	Gly	Leu	Leu	Gly	Asn	Val	Val	Val	Val	Met	Ile	Leu	Ile
		370				380			390			400		
	*		*		*		*		*		*		*	
AAA	TAC	AGG	AGG	CTC	CGA	ATT	ATG	ACC	AAC	ATC	TAC	CTG	CTC	AAC
Lys	Tyr	Arg	Arg	Leu	Arg	Ile	Met	Thr	Asn	Ile	Tyr	Leu	Leu	Asn
410				420				430			440			450
*		*		*		*		*		*		*		*
CTG	GCC	ATT	TCG	GAC	CTG	CTC	TTC	CTC	GTC	ACC	CTT	CCA	TTC	TGG
Leu	Ala	Ile	Ser	Asp	Leu	Leu	Phe	Leu	Val	Thr	Leu	Pro	Phe	Trp
		460				470			480			490		
	*		*		*		*		*		*		*	
ATC	CAC	TAT	GTC	AGG	GGG	CAT	AAC	TGG	GTT	TTT	GGC	CAT	GGC	ATG
Ile	His	Tyr	Val	Arg	Gly	His	Asn	Trp	Val	Phe	Gly	His	Gly	Met

Fig. 1A

Publication data including kind & date

EP0932626	A1	1999-08-04	EP-932626
EP0932626	B1	2006-06-21	EP-932626
WO98/14480	A1	1998-04-09	WO9814480
US20090068188	A1	2009-03-12	US20090068188
US20030143684	A1	2003-07-31	US20030143684
US6994977	B2	2006-02-07	US6994977
US20060002926	A1	2006-01-05	US20060002926
US7402657	B2	2008-07-22	US7402657



US7012133	B1	2006-03-14	US7012133				
DE69736184	D1	2006-08-03	DE69736184				
JP2001524068	A	2001-11-27	JP2001524068				
CA2267190	A1	1998-04-09	CA2267190				
CN1234806	A	1999-11-10	CN1234806				
KR20000048759	A	2000-07-25	KR20000048759				
NZ334855	A	2001-07-27	NZ-334855				
AU4498397	A	1998-04-24	AU9744983				
AU734306	B2	2001-06-07	AU-734306				
AU734306	C	2002-03-21	AU-734306				
AT330973	T	2006-07-15	ATE330973				

Abstract

(EP0932626)

The present invention relates to isolated **and**/or recombinant nucleic acids which encode a mammalian (e.g., human) receptor protein designated C-C Chemokine Receptor 3 (CKR-3) or Eos L2, **and** to proteins or polypeptides, referred to herein as isolated, recombinant mammalian CKR-3 receptors. The invention further relates to recombinant nucleic acid constructs, comprising a nucleic acid which encodes a receptor protein of the present invention or a portion thereof; to host cells comprising such constructs, useful for the production of recombinant CKR-3 receptors or polypeptides; **and** to antibodies reactive with the receptors, which are useful in research **and** diagnostic applications. Also provided are methods of use of the nucleic acids, proteins, **and** host cells to identify ligands, inhibitors (e.g., antagonists) or promoters (agonists) of receptor function. Administration of a compound which inhibits or promotes receptor function to an individual in need of therapy provides a new approach to selective modulation of leukocyte function, which is useful in a variety of inflammatory **and** autoimmune diseases, or in the treatment of infections. As a major leukocyte chemokine receptor present in leukocytes such as eosinophils **and** lymphocytes, the receptor provides a key target for drug screening **and** design.

Inventors

MACKAY CHARLES R

PONATH PAUL D

Latest standardized assignees - inventors removed

BRIGHAM & WOMENS HOSPITAL

CHILDRENS **MEDICAL** CENTER

MILLENNIUM PHARMACEUTICALS

CHILDRENS HOSPITAL **MEDICAL** CENTER

XOTOVO PRODUCTS

CHILDREN S HOSPITAL BOSTON

Family 46/100 - FAMPAT - ©Questel

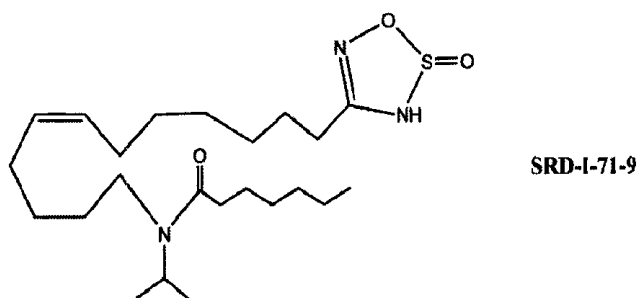
Title

(EP2694470)

Epoxyeicosatrienoic acid analogs **and** methods of making **and** using the same

Images

A



B

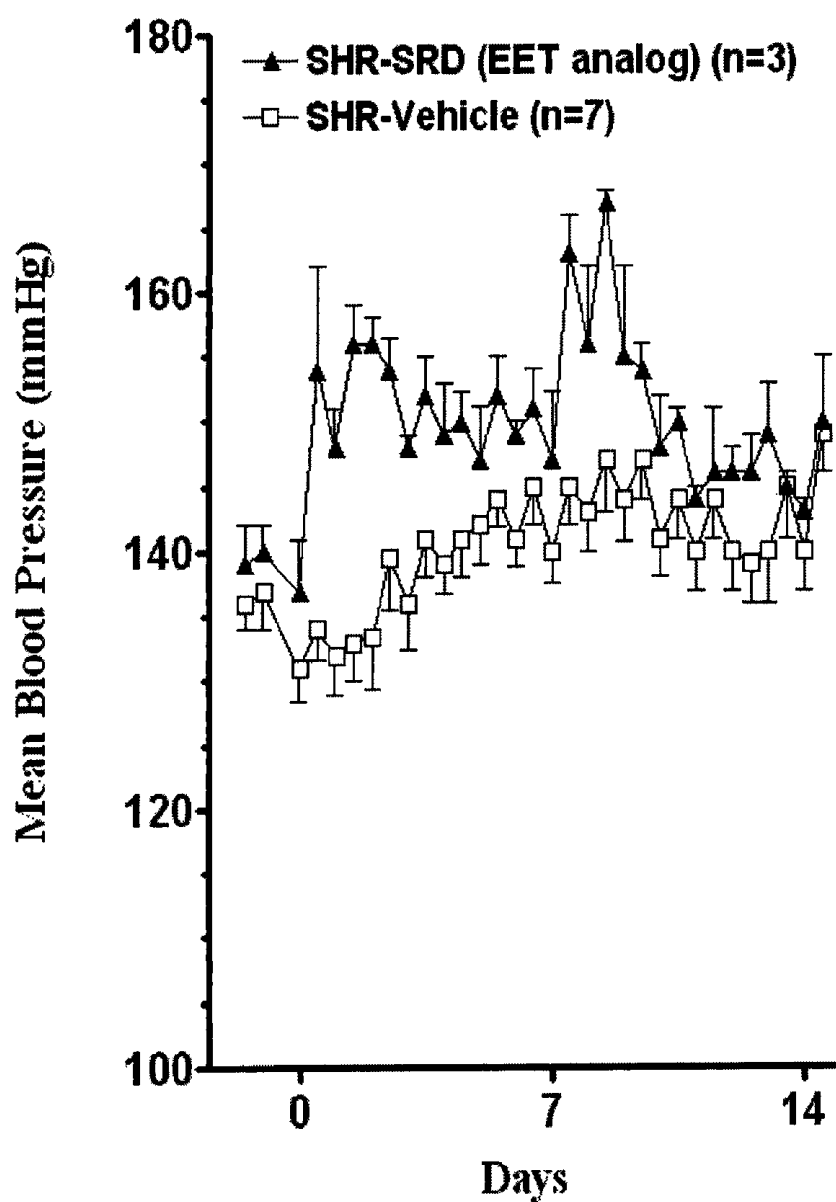


FIGURE 1

Publication data including kind & date

EP2694470	A1	2014-02-12	EP2694470
EP2694470	B1	2016-06-01	EP2694470
WO2012/138706	A1	2012-10-11	WO2012138706
US20140113884	A1	2014-04-24	US20140113884



US9127027	B2	2015-09-08	US9127027				
US20150336916	A1	2015-11-26	US20150336916				
US9422318	B2	2016-08-23	US9422318				
JP2014517816	A	2014-07-24	JP2014517816				
JP5991766	B2	2016-08-26	JP5991766				
RU2013149168	A	2015-05-20	RU2013149168				
CA2832422	A1	2012-10-11	CA2832422				
SG194075	A1	2013-11-29	SG-194075				
CO6842021	A2	2014-01-20	CO6842021				
IN3256/KOLNP/2013	A	2014-02-21	IN2013KN03256				
KR20140037075	A	2014-03-26	KR20140037075				
CR20130569	A	2014-04-22	CR201300569				
CL2013002861	A1	2014-06-13	CL2861201300				
VN38087	A	2014-06-25	VN--38087				
PE11552014	A1	2014-09-21	PE201401155				
ECSP13013012	A	2014-12-30	EC201313012				
TN2013000398	A1	2015-03-30	TN2013000398				
NZ617402	A	2015-10-30	NZ-617402				
TH153722	A	2016-06-30	TH-153722				
BR112013025740	A1	2016-07-26	BR112013025740				
BR112013025740	A2	2016-12-13	BR112013025740				
AU2012240256	A1	2013-11-21	AU2012240256				
AU2012240256	B2	2016-12-08	AU2012240256				
AU2012240256	C1	2017-03-09	AU2012240256				
IL228708	A	2013-12-31	IL-228708				
IL228708	B	2016-10-31	IL-228708				
MX2013011627	A	2014-03-27	MX2013011627				
MX337597	B	2016-03-11	MX-337597				
CN103764621	A	2014-04-30	CN103764621				
EA201391481	A1	2014-04-30	EA201391481				
CN103764621	B	2015-05-27	CN103764621B				
EA023104	B1	2016-04-29	EA--23104				
MA35100	B1	2014-05-02	MA--35100				
HK1197230	A1	2015-01-09	HK1197230				
ZA201308320	B	2015-01-28	ZA201308320				
GEP20166444	B	2016-03-10	GE201606444				
UA111357	C2	2016-04-25	UA-111357				
ES2593905	T3	2016-12-14	ES2593905				

Abstract

(EP2694470)

Compounds **and** compositions comprising epoxyeicosatrienoic acid (EET) analogs that act as EET agonists **and** are useful as medications in the treatment of drug-induced nephrotoxicity, hypertension **and** other related conditions. Methods of making **and** using the compounds **and** compositions are further described.

Inventors

IMIG JOHN DAVID

CAMPBELL WILLIAM B

FALCK JOHN RUSSELL

Latest standardized assignees - inventors removed

MEDICAL COLLEGE OF WISCONSIN
UNIVERSITY OF TEXAS

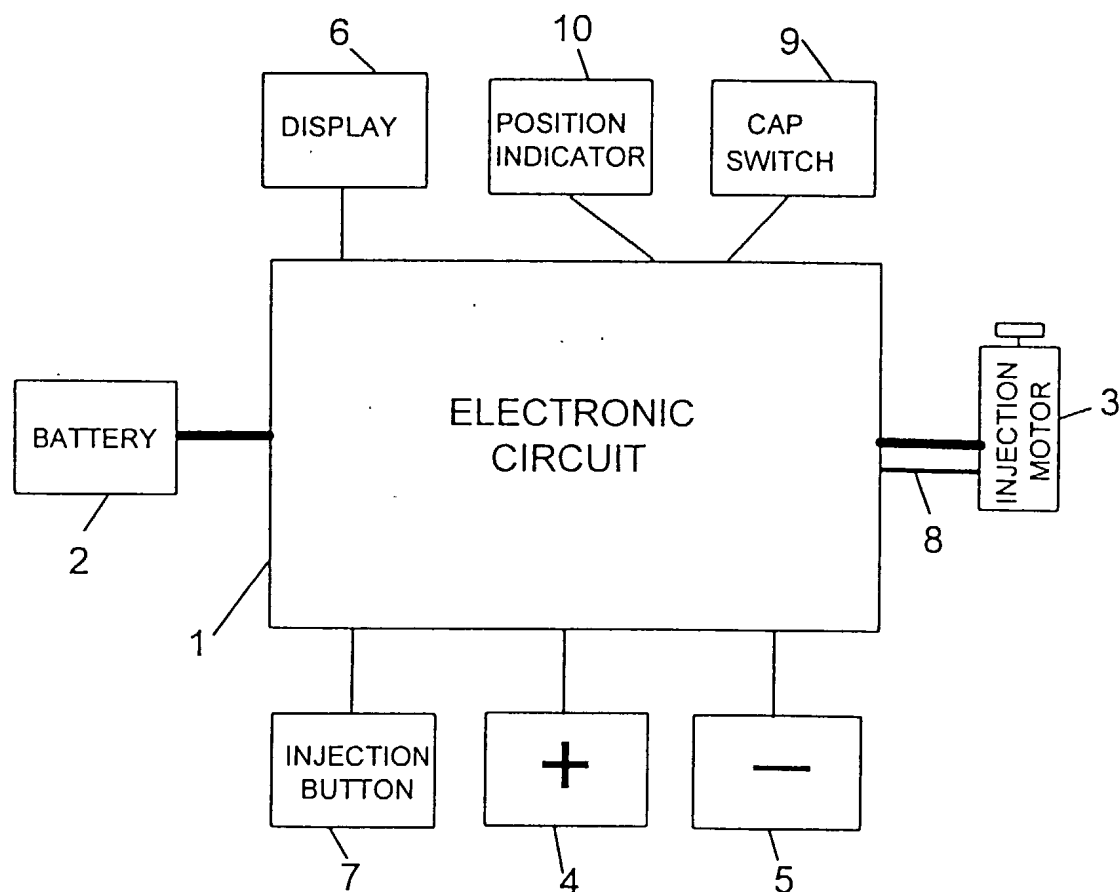
Family 47/100 - FAMPAT - ©Questel

Title

(EP1406540)

Method **and** system for controlling data information between two portable **medical** apparatuses

Images



Publication data including kind & date

EP1406540	A1	2004-04-14	EP1406540
EP1406540	B1	2011-06-15	EP1406540
WO03/005891	A1	2003-01-23	WO200305891
US20030032868	A1	2003-02-13	US20030032868
JP2004533900	A	2004-11-11	JP2004533900
JP4157031	B2	2008-07-18	JP4157031
RU2297173	C2	2007-04-20	RU2297173
CA2453291	A1	2003-01-23	CA2453291
KR20040015344	A	2004-02-18	KR20040015344
IL159460	A	2004-06-01	IL-159460
PL366402	A1	2005-01-24	PL2002366402
CN1525832	A	2004-09-01	CN1525832
CN100518623	C	2009-07-29	CN100518623C
ZA200309862	B	2004-12-22	ZA200309862
IN0049/CHENP/2004	A	2005-12-02	IN2004CN00049



IN226335

B 2009-01-09 IN-226335



AU2002354523

B2 2007-01-18 AU2002354523

AT512620

T 2011-07-15 ATE512620

Abstract

(EP1406540)

This invention relates to a method of controlling data information between two portable **medical** apparatuses. Said portable apparatuses comprising a first apparatus for performing the first operation **and** a second apparatus for performing the second operation, where each apparatus has means for one or more of the following: storing, transmitting, receiving, processing **and** displaying data information, **and** where the two apparatuses have a number of interrelated positions during normal use, where the method comprises the steps of: automatically storing at least first data information relevant to said first operation in said first apparatus, automatically storing at least second data information relevant to said second operation in said second apparatus, **and** automatically transmitting, via shortrange communications means, data information relevant to these operations between the apparatuses when said apparatuses are mutually positioned in one of said number of interrelated positions.

Inventors

GRASKOV HENNING

HANSEN HENRIK EGESBORG

EILERSEN MICHAEL

LAV STEFFEN

Latest standardized assignees - inventors removed

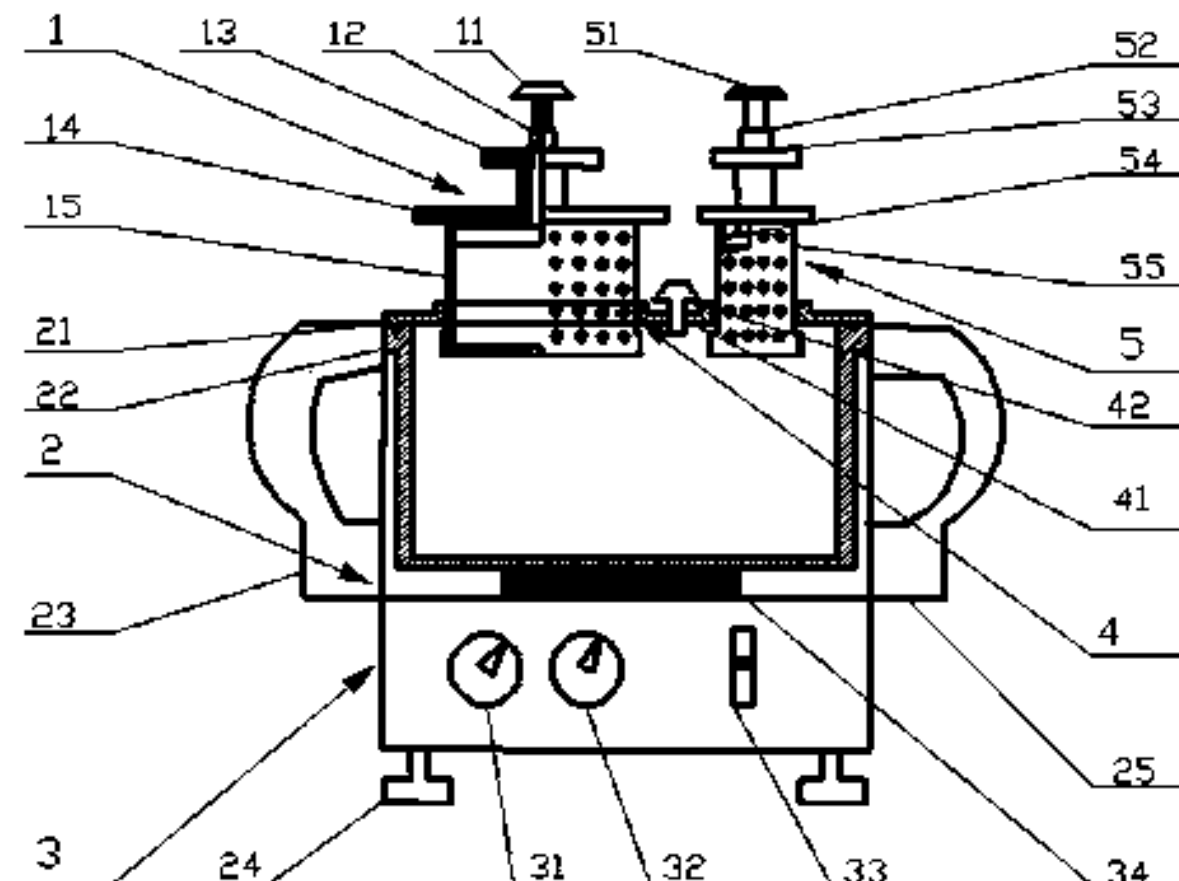
NOVO NORDISK

Family 48/100 - FAMPAT - ©Questel

Title

(CN202589955U)

Household traditional Chinese medicine boiling controller

Images

Publication data including kind & date[CN202589955](#)

U 2012-12-12

CN202589955U

**Abstract**

(CN202589955)

The utility model discloses a household traditional Chinese medicine boiling controller. The boiling controller mainly comprises a main medicine **storage device**, a boiling controller body, a heating **and** controlling **device and** a boiling **device** cover, wherein the main medicine **storage device** comprises a main medicine **storage device** body **and** a main medicine **storage device** top cover; the bottom of the main medicine **storage device** body is of a sealing structure; **and** through holes are uniformly formed on the side wall of the main medicine **storage device** body. The boiling controller is characterized in that the boiling controller also comprises an auxiliary medicine **storage device** of which the structure is the same as that of the main medicine **storage device and** the size is small; the boiling **device** cover mainly comprises a boiling utensil top cover; a big mounting hole **and** a small mounting hole are formed on the boiling utensil top cover; **and** the main medicine **storage device and** the auxiliary medicine **storage device** are respectively assembled on the boiling utensil top cover by the two mounting holes. By the household traditional Chinese medicine boiling controller, the main medicine **storage device and** the auxiliary medicine **storage device** are designed, so that the different boiling requirements of the traditional Chinese medicine (decoction at first **and** medicine-putting later) in the same bag of traditional Chinese medicine can be met, **and liquid** slags can be effectively separated at the same time.

Inventors

LIU WEI

CAO GUOZHONG

TAN RUNHUA

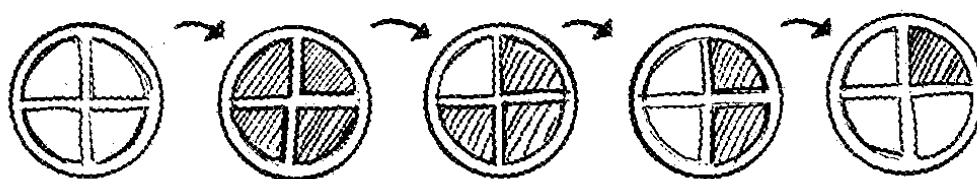
Latest standardized assignees - inventors removed

HEBEI UNIVERSITY OF TECHNOLOGY

Family 49/100 - FAMPAT - ©Questel

Title

(EP2424486)

Medical delivery **device** with time lapse indicator**Images****Publication data including kind & date**[EP2424486](#)

A2 2012-03-07

EP2424486

[WO2010/127995](#)

A2 2010-11-11

WO2010127995

[WO2010/127995](#)

A3 2010-12-29

WO2010127995

[US20120109071](#)

A1 2012-05-03

US20120109071

[JP2012525860](#)

A 2012-10-25

JP2012525860

[CN102421407](#)

A 2012-04-18

CN102421407

[IN7760/CHENP/2011](#)

A 2013-05-03

IN2011CN07760

**Abstract**

(EP2424486)

WO98/36793	A2	1998-08-27	WO9836793				
WO98/36795	A1	1998-08-27	WO9836795				
WO98/37691	A1	1998-08-27	WO9837691				
WO98/36793	A3	1998-11-19	WO9836793				
WO99/42276	A1	1999-08-26	WO9942276				
US6400989	B1	2002-06-04	US6400989				
US6530954	B1	2003-03-11	US6530954				
US6780271	B1	2004-08-24	US6780271				
DE19707046	A1	1998-08-27	DE19707046				
DE19806609	A1	1999-08-19	DE19806609				
DE19880174	D2	2000-01-05	DE19880174				
DE59901494	D1	2002-06-27	DE59901494				
DE59813735	D1	2006-11-02	DE59813735				
DE59813779	D1	2006-12-07	DE59813779				
JP2001511687	A	2001-08-14	JP2001511687				
JP2001523989	A	2001-11-27	JP2001523989				
JP2002503567	A	2002-02-05	JP2002503567				
JP4399111	B2	2009-10-30	JP4399111				
CA2281907	A1	1998-08-27	CA2281907				
CA2281908	A1	1998-08-27	CA2281908				
AU6499098	A	1998-09-09	AU9864990				
BR9807260	A	2000-05-02	BR9807260				
BRPI9807260	A1	2000-05-02	BRPI9807260				
BRPI9807260	A2	2011-12-06	BR9807260				
BR9807847	A	2000-08-29	BR9807847				
BRPI9807847	A1	2000-08-29	BRPI9807847				
KR20000075557	A	2000-12-15	KR20000075557				
KR20000075560	A	2000-12-15	KR20000075560				
IL131512	A	2001-01-28	IL-131512				
IL131517	A	2001-01-28	IL-131517				
NZ337366	A	2002-06-28	NZ-337366				
NZ337392	A	2002-06-28	NZ-337392				
AU6722398	A	1998-09-09	AU9867223				
AU6822098	A	1998-09-09	AU9868220				
AU732190	B2	2001-04-12	AU-732190				
AU747686	B2	2002-05-16	AU-747686				
ES2175946	T3	2002-11-16	ES2175946				
ES2175946	T5	2011-05-05	ES2175946				
AT339987	T	2006-10-15	ATE339987				
AT343410	T	2006-11-15	ATE343410				
ES2273410	T3	2007-05-01	ES2273410				
ES2277385	T3	2007-07-01	ES2277385				

Abstract

(EP1666088)

The encoder has the signals provided by a photosensor array fed to a stimulation **and** registration interface, provided by an implanted microcontact structure, via adjustable receptive field characteristic filters. The latter receive signals provided by the stimulation **and** registration interface, for providing an active vision function. The photosensor array may be incorporated in a spectacles frame, with image tracking movement controlled via head **and** eye movement detectors.

Inventors

ECKMILLER ROLF PROF DR

Latest standardized assignees - inventors removed

TD VERWLTUNGS

PIXIUM VISION

Family 51/100 - FAMPAT - ©Questel

Title

(EP1235638)

Dosing **device** for liquids

Images

Abstract

(EP1235638)

The invention relates to a dosing **device** with which several, preferably two, liquids can be dosed in precisely measured quantities. Said dosing **device** comprises two bottle-mounted dispensers, which are provided with integrated suction **and** ejection valves **and** with a bottle-mounted mechanism (15) **and** which are arranged inside a housing (3) in a fixed manner. A **liquid** supply bottle (16) can be attached in an exchangeable manner to the bottle-mounted mechanism (15) of each bottle-mounted **dispenser** (4). The invention ensures, in particular, a confusion-free attachment of the corresponding supply bottles (16). The actuation of the plunger of the bottle-mounted dispensers is effected by a working stroke that varies according to distance. In addition, a purging **device** (30) is located in said housing (3) by means of which, after each dosing process, the discharge **device** (9) for the liquids can be purged **and** cleared of residual liquids.

Inventors

ALBRECHT EBERHARD

BEEH THOMAS

MAHLER PETER

Latest standardized assignees - inventors removed

BRAND

Family 52/100 - FAMPAT - ©Questel

Title

(EP1472149)

Portion control **dispenser****Images**

[BRPI0214996](#)

A1 2004-12-07 BRPI0214996

[CN1617819](#)

A 2005-05-18 CN1617819

Abstract

(EP1472149)

A portion control dispensing apparatus for dispensing portions of a product in a tightly controlled manner that minimizes waste caused by residual product left undispensed in a container. The **device** provides a **dispenser** for fluid products stored in a flexible container (30), enabling a portion control pump (100) combined with an extrusion apparatus (18) to squeeze the flexible container, thus continuously directing all remaining product in the container towards the dispensing end. A portion control pump removes product from the container by peristaltic action. A preferred embodiment of the apparatus comprises a frame (10) with an upwardly spring biased carriage (400) configured to removably hold a flexible container that holds product to be dispensed.

Inventors

FRIEDMAN MITCHELL A

Latest standardized assignees - inventors removed

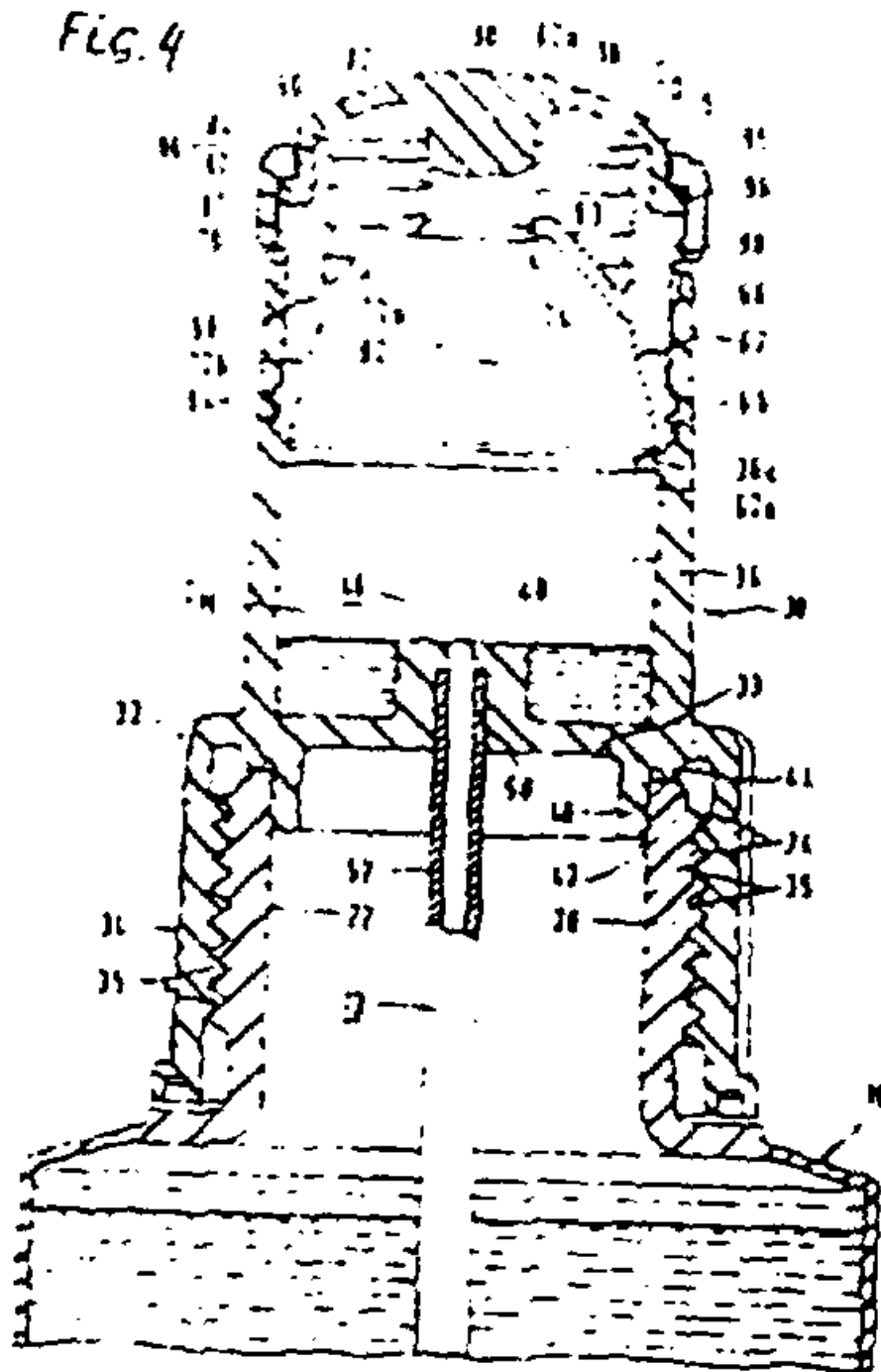
INTERNATIONAL DISPENSING

Family 53/100 - FAMPAT - ©Questel

Title

(EP-236871)

Device for measuring **and** dispensing fluids **device** for measuring **and** dispensing fluids**Images**



Publication data including kind & date

EP0236871	A2	1987-09-16	EP-236871
EP0236871	A3	1988-08-17	EP-236871
DK118987	D0	1987-03-06	DK8701189
DK118987	A	1987-09-11	DK8701189
FI871023	A0	1987-03-09	FI8701023
NO870963	D0	1987-03-09	NO8700963
FI871023	A	1987-09-11	FI8701023
NO870963	L	1987-09-11	NO-870963
KR19870008629	A	1987-10-19	KR19870008629
CA1318884	C	1993-06-08	CA1318884



Abstract

(EP0236871)

The **device** (30) can be screwed onto a compressible container (10) **and** has a measuring chamber (CM) **and** a dispensing chamber (CD) arranged above it. The dispensing chamber is closed by a humidifying lid (80, 124) which is preferably made of rubber. The quantity of **liquid** to be measured is dependent on the height of at least one measuring projection (46, 102) which is arranged in the measuring chamber (CM) **and** through which any **liquid** exceeding the predetermined measure flows back into the container. After inversion of the container, the quantity of **liquid** measured in this manner can pass via a valve (60, 125) actuated by the humidifying lid (80, 124) into the dispensing chamber **and** be dispensed via holes in the humidifying lid (80, 124) (cf. Fig. 4).

Inventors

WATERS, WILLIAM E.

HARMAN, ARLINGTON R.

FRIEDRICH, PETER

WALTERS, RALPH G.

VOYTILLA, JOSEPH M.

Latest standardized assignees - inventors removed

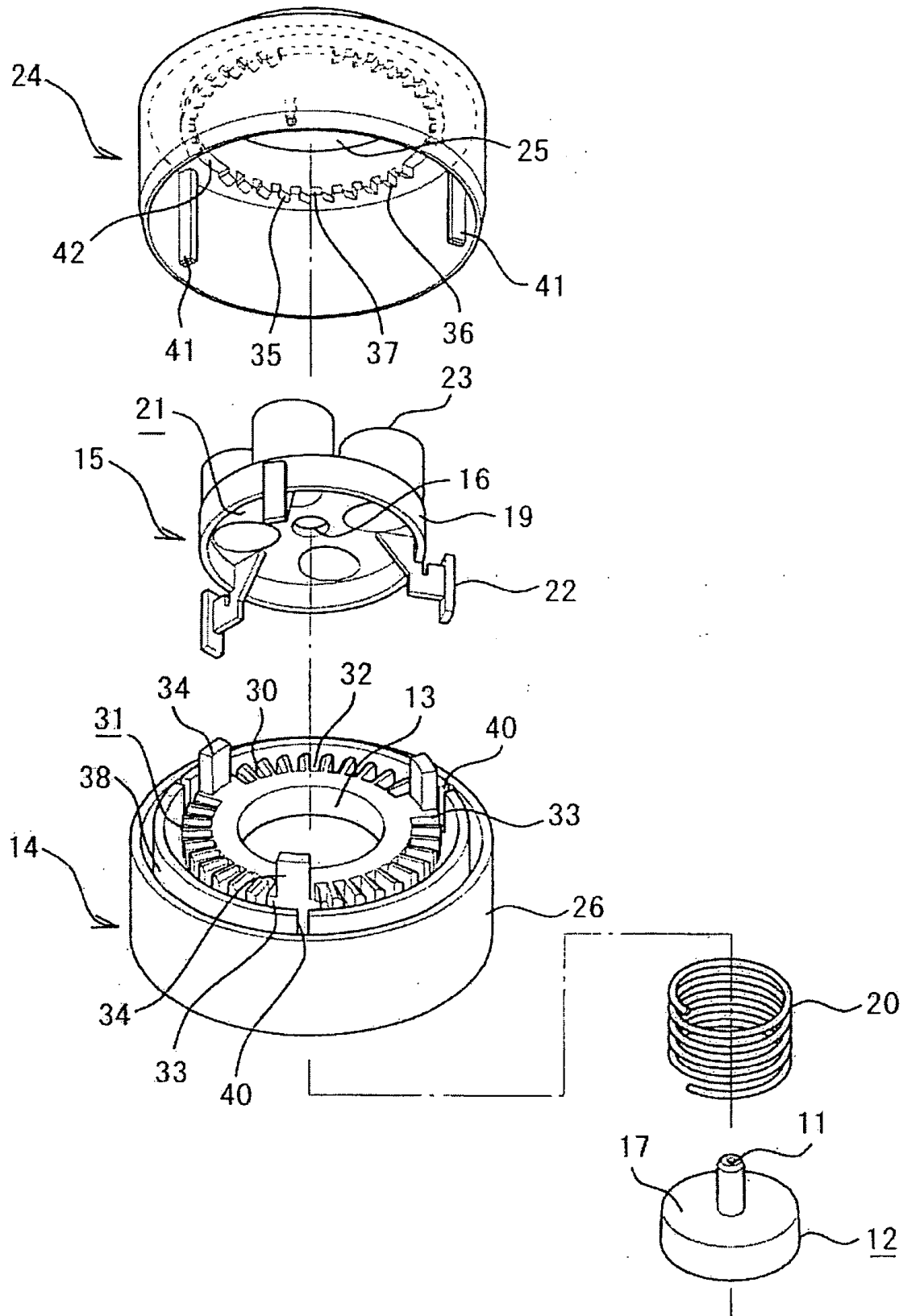
PHARMA GUMMI WIMMER WEST

Family 54/100 - FAMPAT - ©Questel

Title

(EP1690808)

Subdivisional fixed amount distributing **device** for aerosol containers**Images**



Publication data including kind & date

EP1690808	A1	2006-08-16	EP1690808
EP1690808	A4	2009-10-28	EP1690808
WO2005/051803	A1	2005-06-09	WO200551803
US20070137649	A1	2007-06-21	US20070137649
JP2005153933	A	2005-06-16	JP2005153933
JP4262581	B2	2009-02-20	JP4262581



Abstract

(EP1690808)

The frequency which allows continuous injection of a fixed amount in the use of one cycle is controlled so as to prevent the use of aerosol contents in excess of a control amount. Further, it is made possible to inject all amount to the outside each time by a fixed-amount injection valve, thereby simplifying the mechanism and preventing damage to the distributing device due to the influence of outside air temperature. A lower receiving blade 31 is disposed in an outer sleeve 14 fixed to the upper end of an aerosol container 1 through vertical insertion intervals 32, 27 and is inserted in the lower insertion interval 32 by positional shift, thereby a fitting piece 22 which allows pressing by a stem 7 is projectingly formed on a pushing body. Further, an upper receiving blade 36 which allows the pushing body 15 to move in the same direction as the direction of said positional shift is formed in the inner surface of an upper sleeve 24 through the upper insertion interval 37. After the positional shifting of the pushing body 15 accompanying a plurality of times of pressing, movement into the lower insertion interval 32 is made impossible, thereby making fixed-amount injection of aerosol contents impossible.

Inventors

MATSUMOTO KEIKO

OGATA KEN

Latest standardized assignees - inventors removed

TAISHO PHARMACEUTICAL

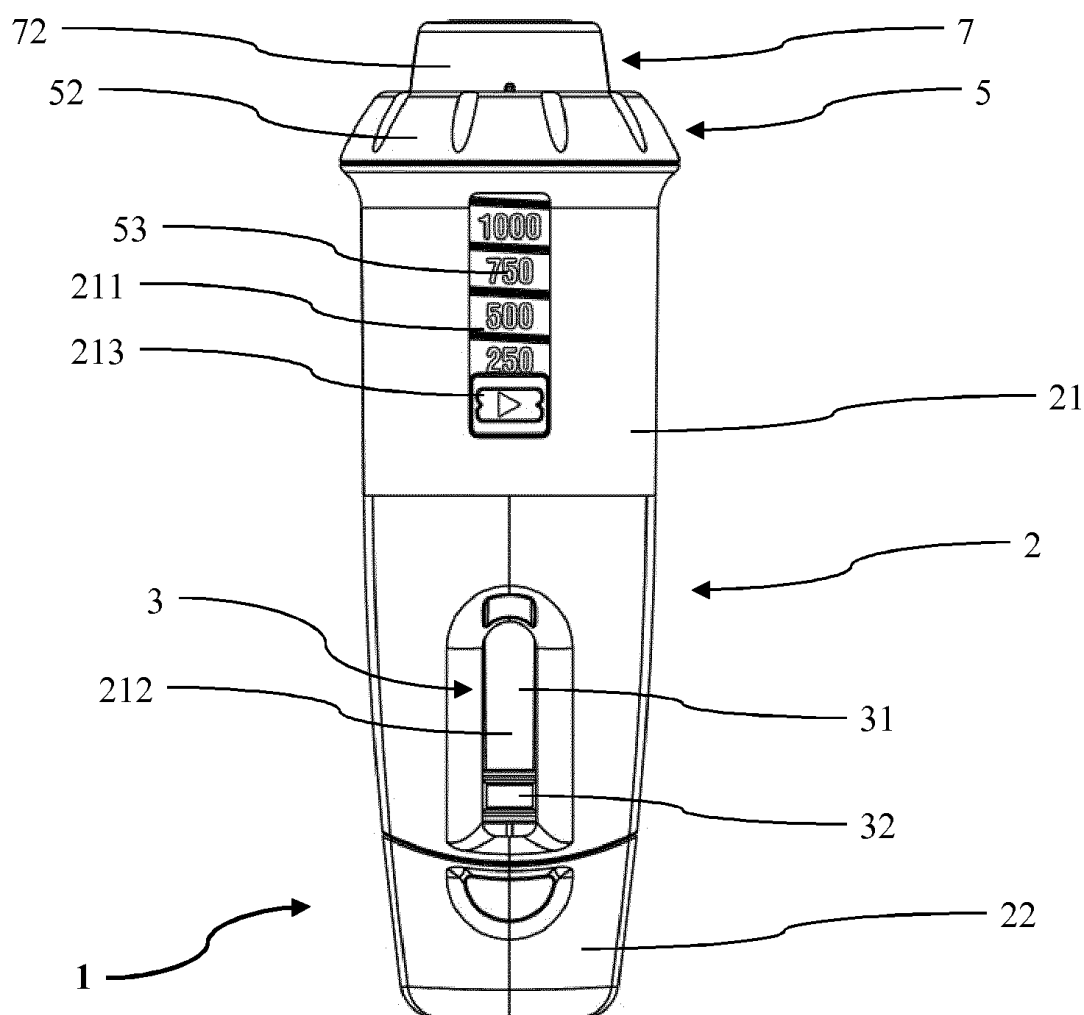
TOYO AEROSOL INDUSTRY

Family 55/100 - FAMPAT - ©Questel

Title

(EP3389589)

Dosing device

Images

Publication data including kind & date

EP3389589	A1	2018-10-24	EP3389589				
EP3389590	A1	2018-10-24	EP3389590				
EP3389591	A1	2018-10-24	EP3389591				
EP3389592	A1	2018-10-24	EP3389592				
EP3389593	A1	2018-10-24	EP3389593				
WO2017/102742	A1	2017-06-22	WO2017102742				
WO2017/102745	A1	2017-06-22	WO2017102745				
WO2017/102751	A1	2017-06-22	WO2017102751				
WO2017/102757	A1	2017-06-22	WO2017102757				
WO2017/102760	A1	2017-06-22	WO2017102760				
US20180361074	A1	2018-12-20	US20180361074				
US20180369491	A1	2018-12-27	US20180369491				
US20180369492	A1	2018-12-27	US20180369492				
US20180369493	A1	2018-12-27	US20180369493				
US20190015593	A1	2019-01-17	US20190015593				
JP2018537209	A	2018-12-20	JP2018537209				
JP2018537212	A	2018-12-20	JP2018537212				
JP2018537216	A	2018-12-20	JP2018537216				
JP2018537218	A	2018-12-20	JP2018537218				
JP2019502442	A	2019-01-31	JP2019502442				
CN108289788	A	2018-07-17	CN108289788				
CN108289789	A	2018-07-17	CN108289789				
CN108348398	A	2018-07-31	CN108348398				
CN108366906	A	2018-08-03	CN108366906				
CN108366908	A	2018-08-03	CN108366908				

Abstract

(EP3389589)

A dosing **device** comprises a rod element **and** a shell (4). The rod element has a stem with a longitudinal axis **and** a first thread arrangement. The shell (4) has a second thread arrangement (411). The first thread arrangement of the rod element or the second thread arrangement (411) of the shell (4) comprises a thread (411). The first thread arrangement of the rod element **and** the second thread arrangement (411) of the shell (4) engage. The rod element is movable along the longitudinal axis of its stem by rotating the shell (4) **and** the rod element relative to each other causing the first thread arrangement of the rod element **and** the second thread arrangement (411) of the shell (4) to travel along each other. A dosage chamber is formed by moving the rod element along the longitudinal axis of its stem. The volume of the dosage chamber is varied by moving the rod element along the longitudinal axis of its stem. An inclination angle (α , β) of the thread (611) varies along the thread (611). The dosing **device** according to the invention can allow for a precise **and** convenient dosing of a **liquid** out of a container. In particular, it can allow for efficiently dosing a comparably small volume out of a comparably large container.

Inventors

GAILLOT MAXIME

LEAH ROBERTA

REILLY DECLAN

TEUCHER MARK DIGBY

HAYTON PAUL GRAHAM

RIDLEY JONATHAN PAUL

COOP JAMES ROBERT

Latest standardized assignees - inventors removed

CRUX PRODUCT DESIGN
HOFFMANN LA ROCHE

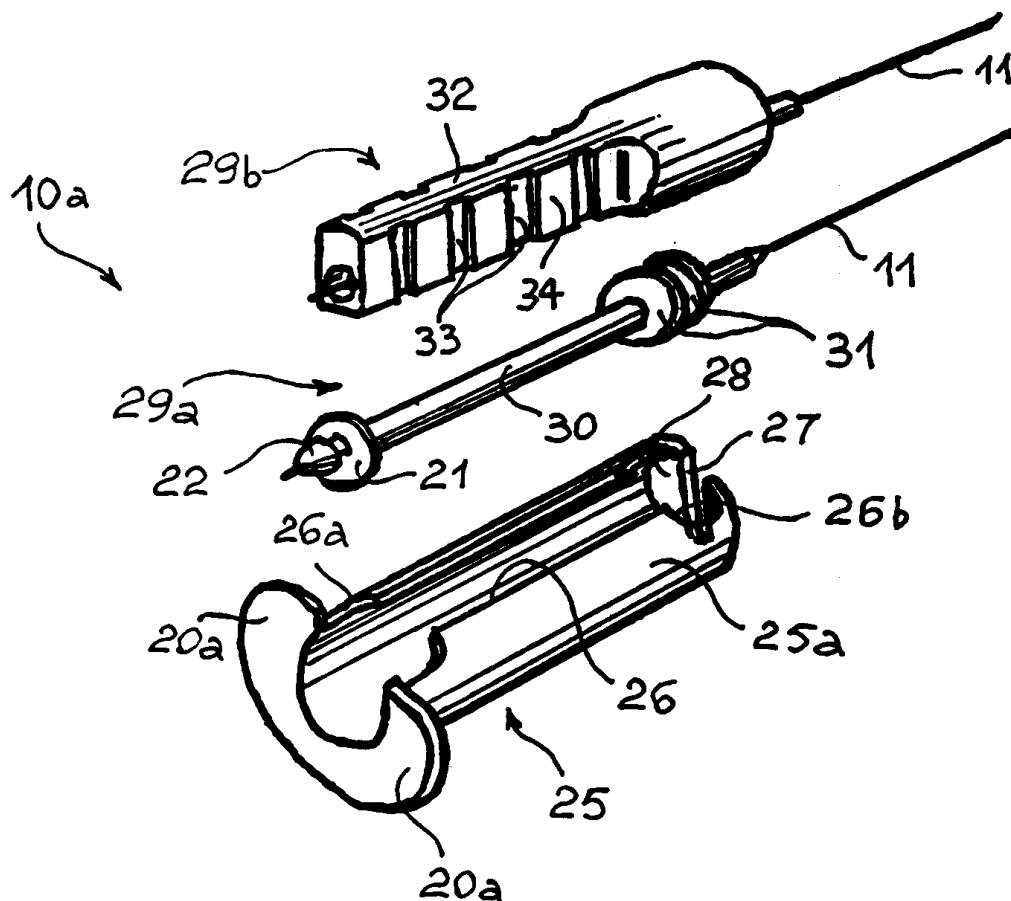
Family 56/100 - FAMPAT - ©Questel

Title

(EP1049502)

Device of the manual syringe type for proportioning **and** dispensing fluid or pasty products

Images



Publication data including kind & date

EP1049502	A2	2000-11-08	EP1049502
WO99/36114	A2	1999-07-22	WO9936114
WO99/36114	A3	1999-10-07	WO9936114
JP2003521265	A	2003-07-15	JP2003521265
CA2318229	A1	1999-07-22	CA2318229
AU3250299	A	1999-08-02	AU9932502
CN1288390	A	2001-03-21	CN1288390
ITBO980012	D0	1998-01-20	IT98BO0012
ITBO980012	A1	1999-07-20	IT98BO0012
IT1299318	B1	2000-03-16	IT1299318
IN0289/CHENP/2000	A	2005-09-23	IN2000CN00289
IN202285	B	2007-06-29	IN-202285



Abstract

(EP1049502)

A **device** of the manual syringe type (10) for proportioning **and** dispensing fluid or pasty products comprises a main body (12) provided with seizing means (20) **and** with guide means (19) between which a cartridge member (23), having a

substantially uniform, preferably cylindrical section is inserted **and** guided along a straight path. The **device** also comprises an at least partially elastic piston (24), adapted to exert a sealing action against the inner walls of the cartridge (23). The main body (12) also comprises a plunger member (21) whereon a needle (11) is fitted. After a displacement of the main body (12) relative to the cartridge (23) the plunger member (21) causes the piston (24) to slide inside the cartridge (23) for drawing a fluid or pasty product therefrom **and** dispensing it through the needle (11).

Inventors

APOLLONI GIAMBATTISTA

BRUN GIANCARLO

Latest standardized assignees - inventors removed

TECNOLOGIA

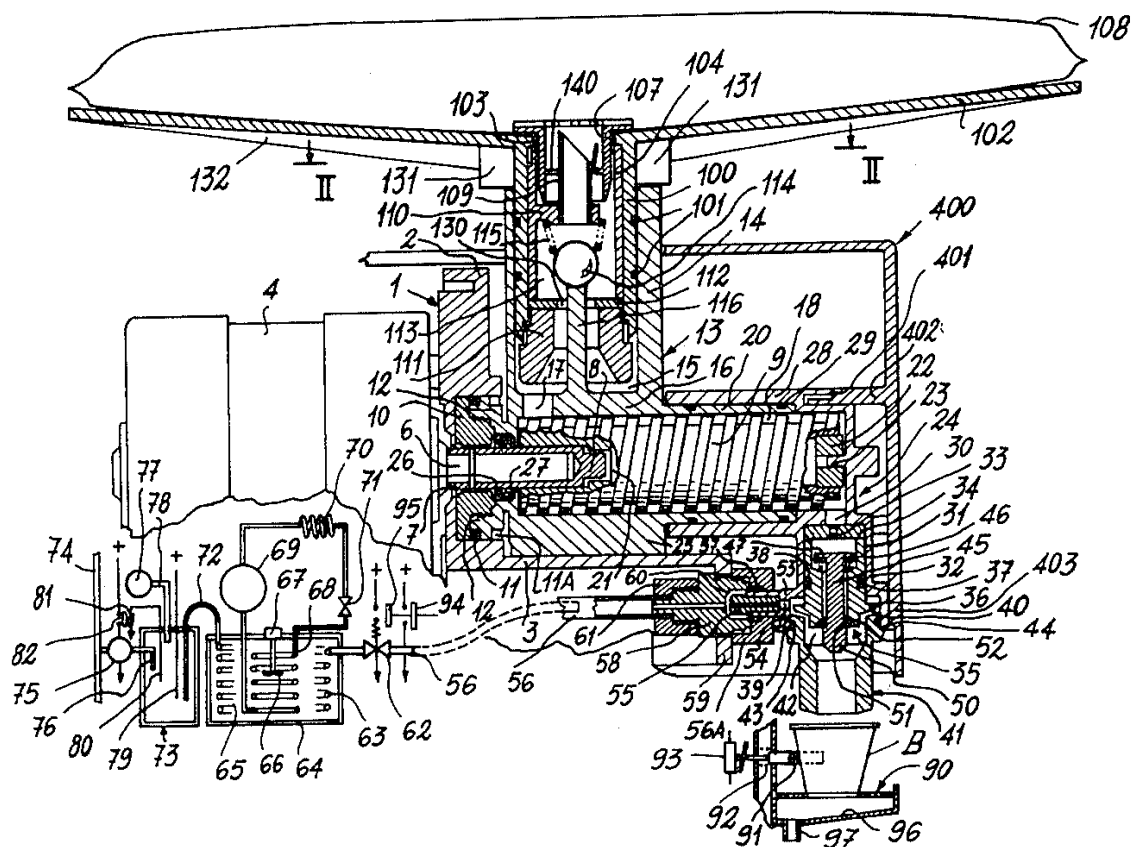
Family 57/100 - FAMPAT - ©Questel

Title

(US4314768)

Syrup feed system for drink distribution apparatus of the after-mixing type

Images



Publication data including kind & date

US4314768	A	1982-02-09	US4314768
FR2425117	A1	1979-11-30	FR2425117
DE2918054	A1	1979-11-15	DE2918054
GB2020631	A	1979-11-21	GB2020631
GB2020631	B	1982-08-18	GB2020631
SU1071220	A3	1984-01-30	SU1071220
NL7903567	A	1979-11-07	NL7903567
BR7902734	A	1979-11-27	BR7902734
ES480259	A1	1980-01-01	ES-480259
CA1092557	A	1980-12-30	CA1092557



Abstract

(US4314768)

A syrup feed system for drink distribution apparatus of the after-mixing type, comprising a mixing zone, means for dispensing syrup to said zone **and** means for simultaneously feeding water to said zone with which to dilute the syrup, the system comprising a flexible container containing syrup **and** provided with a pierceable nozzle, support means for said container, means for receiving at least part of said nozzle, means for piercing said nozzle **and** means for conveying the syrup from the pierced nozzle to said syrup dispensing means.

Inventors

GOGLIO LUIGI

BASSETTI ALDO

Latest standardized assignees - inventors removed

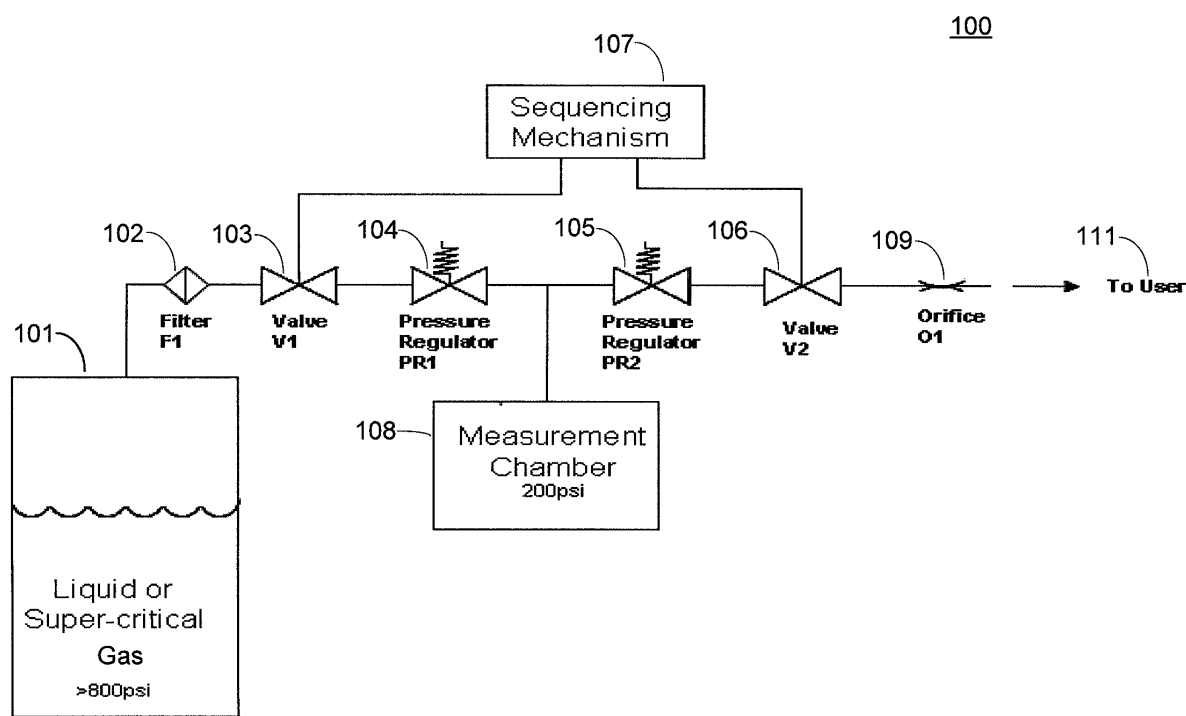
GOGLIO LUIGI

Family 58/100 - FAMPAT - ©Questel

Title

(EP2575940)

Gas **dispenser** for dispensing accurate doses of therapeutic gas from a reservoir containing highly compressed therapeutic gas

Images**Publication data including kind & date**

EP2575940	A1	2013-04-10	EP2575940
EP2575940	A4	2015-11-25	EP2575940
WO2011/153261	A1	2011-12-08	WO2011153261
WO2011/153261	A8	2012-11-29	WO2011153261
US20160271358	A1	2016-09-22	US20160271358
US20120138053	A1	2012-06-07	US20120138053
US9364620	B2	2016-06-14	US9364620
JP2015164557	A	2015-09-17	JP2015164557
JP2017192749	A	2017-10-26	JP2017192749
JP2013527011	A	2013-06-27	JP2013527011



JP5897557	B2	2016-03-11	JP5897557				
RU2012156947	A	2014-07-20	RU2012156947				
RU2607188	C2	2017-01-10	RU2607188				
CA2801170	A1	2011-12-08	CA2801170				
SG185772	A1	2012-12-28	SG-185772				
KR20130108106	A	2013-10-02	KR20130108106				
BR112012030660	A1	2013-12-31	BR112012030660				
BR112012030660	A2	2016-08-16	BR112012030660				
NZ604585	A	2014-10-31	NZ-604585				
IN11258/DELNP/2012	A	2016-02-05	IN2012DN11258				
AU2011261470	A1	2013-01-10	AU2011261470				
AU2011261470	B2	2015-03-05	AU2011261470				
CN103002937	A	2013-03-27	CN103002937				
CN103002937	B	2015-05-27	CN103002937B				
HK1214777	A1	2016-08-05	HK1214777				

Abstract

(EP2575940)

Described here are devices for intranasally delivering therapeutic gases to a patient. The devices may include a measurement chamber, a combination of pressure regulators **and** a sequencing mechanism that controls valves associated with the pressure regulators. When implemented in a hand-held **dispenser**, the hand-held **dispenser** may reliably deliver consistent doses of gas regardless of the unknown state **and** pressure of the therapeutic gas in the measurement chamber.

Inventors

CARTER TROY A

Latest standardized assignees - inventors removed

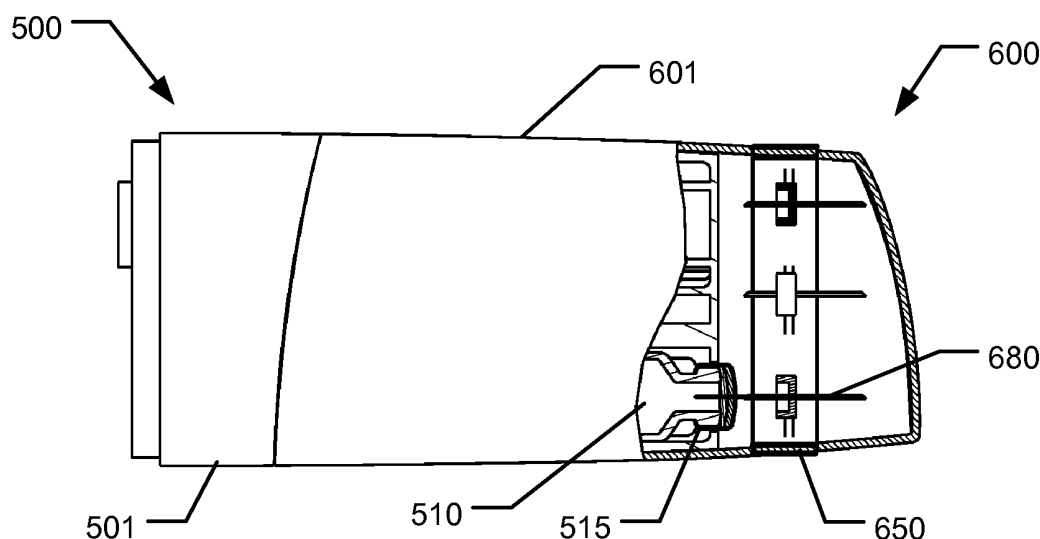
CAPNIA

Family 59/100 - FAMPAT - ©Questel

Title

(EP2714149)

Medical device having user friendly control input**Images**



Publication data including kind & date

EP2714149	A1	2014-04-09	EP2714149
EP2714149	B1	2015-09-30	EP2714149
WO2012/164097	A1	2012-12-06	WO2012164097
US20140200519	A1	2014-07-17	US20140200519
JP2014519909	A	2014-08-21	JP2014519909
IN9620/CHENP/2013	A	2014-11-14	IN2013CN09620
CN103561802	A	2014-02-05	CN103561802
CN103561802	B	2016-03-23	CN103561802B



Abstract

(EP2714149)

The present invention relates to a **medical** delivery comprising a) a housing (101) adapted to accommodate a drug in a drug reservoir (110), the housing (101) having an exterior surface defining at least one non-circular section, b) a drive mechanism for expelling doses of drug from the drug reservoir (110) **and** c) an operable control member (150) arranged at the non-circular section of the housing, the operable control member (150) being movable relative to the non-circular section of the housing for altering a parameter relating to the operation of the **medical** delivery **device**. The operable control member (150) comprises a belt-like structure arranged to move along the non-circular section of the housing so that respective portions of the operable control member change radius of curvature as the respective portions move relative to the non-circular section of the housing.

Inventors

KJELDSSEN BASTIAN GAARDSVIG
 NIELSEN KARSTEN BAKER
 MOURIDSEN BRIAN

Latest standardized assignees - inventors removed

NOVO NORDISK

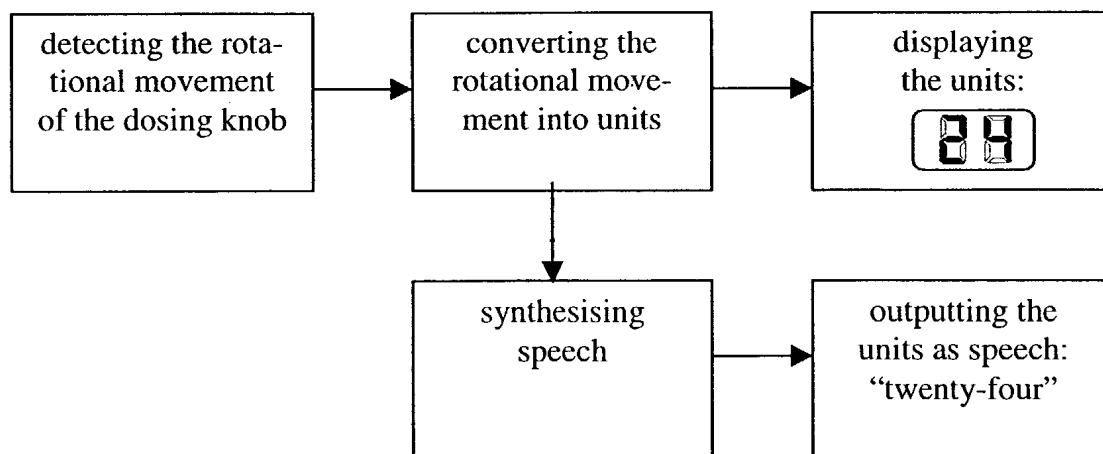
Family 60/100 - FAMPAT - ©Questel

Title

(WO200211795)

Device and method for dosing substances

Images



Publication data including kind & date

WO02/11795	A1	2002-02-14	WO200211795
US20030130853	A1	2003-07-10	US20030130853
US7201741	B2	2007-04-10	US7201741
DE10038936	A1	2002-02-28	DE10038936
DE10038936	B4	2009-02-05	DE10038936
AU7229401	A	2002-02-18	AU200172294



Abstract

(WO02/11795)

The invention relates to a **device** for dosing substances to be dispensed, in particular liquids, specifically for an injection. Said **device** comprises a regulation **device** for regulating the quantity of the substance to be dispensed, a signal receiver for detecting the regulating signals of the regulation **device**, an evaluation unit for receiving **and** evaluating the regulating signals detected by the signal receiver, a **device** for generating speech signals, depending on the evaluation signals of the evaluation unit **and** a **device** for outputting speech signals. The invention also relates to a method for dosing substances to be dispensed, in particular liquids, comprising the following steps: detection of a regulating signal of a regulation **device** **and** output of a speech signal, depending on the detected regulating signal.

Inventors

MAIRE BRUNO

Latest standardized assignees - inventors removed

TECPHARMA LICENSING

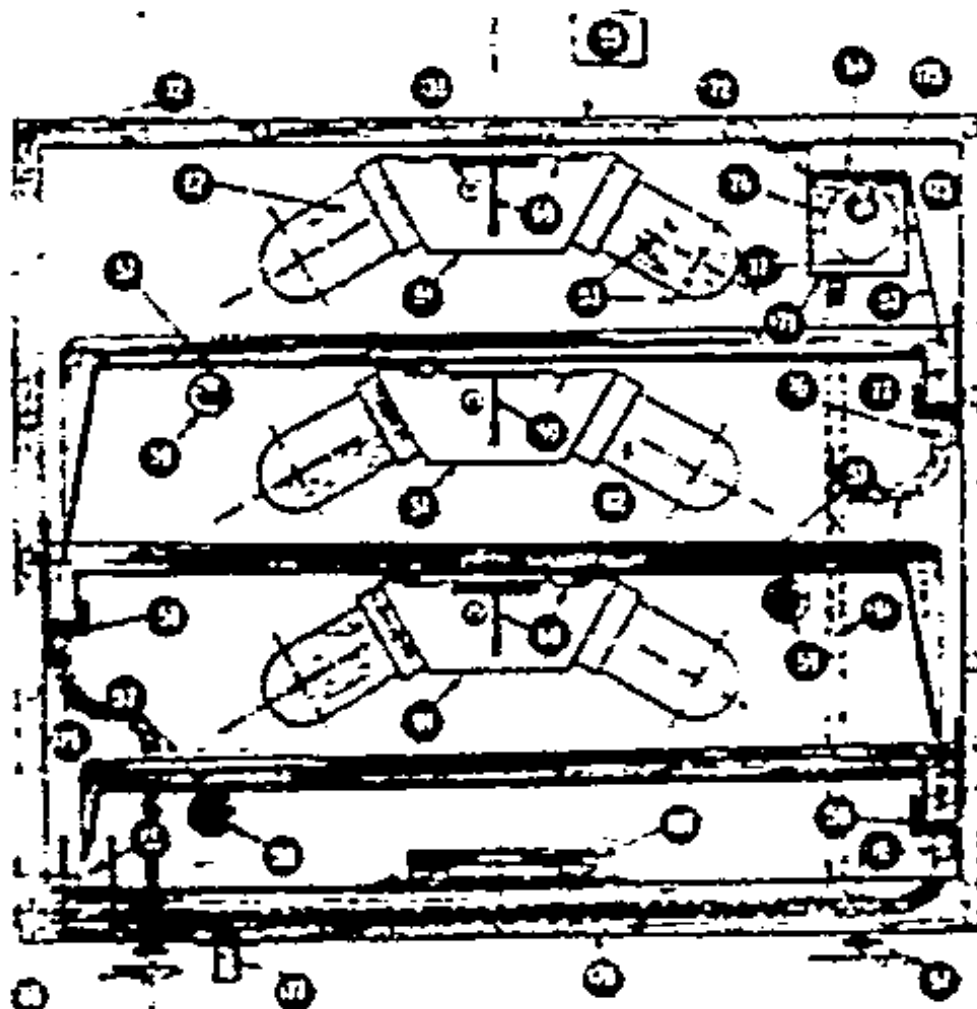
Family 61/100 - FAMPAT - ©Questel

Title

(FR2607129)

Devices for making raw water drinkable, by sterilisation, **and** for distributing it at different temperatures

Images



Publication data including kind & date

FR2607129	A1	1988-05-27	FR2607129
FR2607129	B1	1996-10-25	FR2607129



Abstract

(FR2607129)

Devices for the production, starting with raw water, of sterilised water at different temperatures, consisting: of a metering **device** 119 for sterilising products used for the chemical treatment of the raw water; of an irradiation chamber 56 for treating the raw water with 260-nm ultraviolet radiation, comprising exposure fields 57 **and** a drying system 177; of a vent 90 for filtering **and** sterilising with 260-nm ultraviolet radiation the air which is to enter the various devices; of a metering **device** 120 for delivering sterilised water intended for the preparation of beverages. This **device** comprises a graduated **and** transparent **storage** vessel 125 **and** a protected water-drawing **device** 134; accessories for bringing to temperature, handling **and** transport of feeding bottles or packaged foodstuffs for children, such as the moduable casing 140, the tray for a sliding drawer **and** its cover 161; a **dispenser** 121 for filling feeding bottles, packages for foodstuff or freeze-dried beverage preparations, comprising a lagged **storage** vessel 11a, a compression chamber 12a **and** a mechanism 25, 49 for volumetric measurements; a generator 117 for instantaneous hot water for the preparation of hot beverages, comprising a static primary 63, 65 employing an organic fluid heated to high temperature **and** a secondary of helical shape 64 where the **liquid** to be heated circulates; a syphon 180 made up of three compartments 98, 99 **and** 116, arranged to avoid any propagations of pathogenic microorganisms, countercurrentwise to the discharge circuits. <IMAGE>

Latest standardized assignees - inventors removed

HANNART MARC

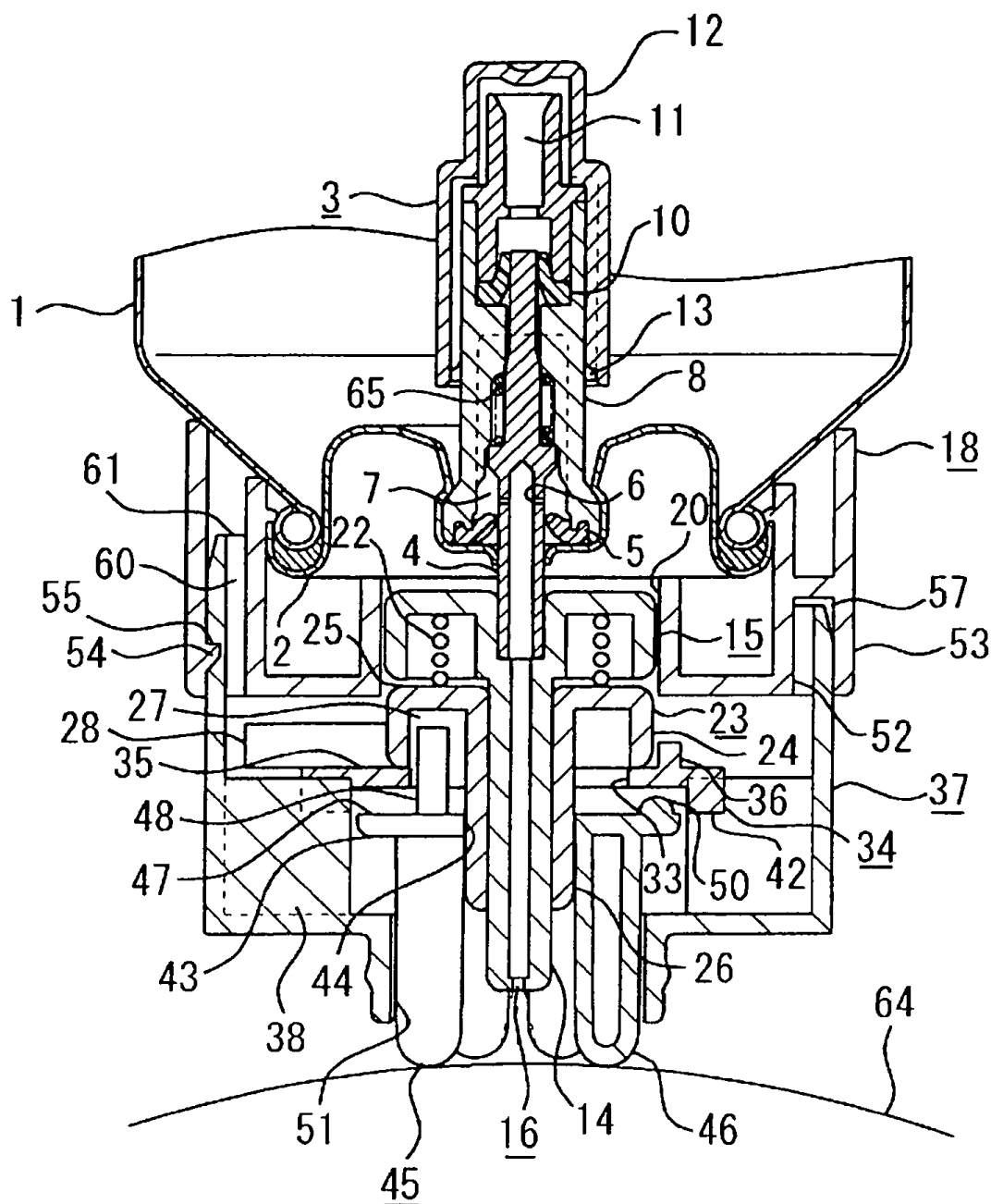
Family 62/100 - FAMPAT - ©Questel

Title

(EP1695922)

Small fixed quantity **dispenser** for aerosol container

Images



Publication data including kind & date

EP1695922	A1	2006-08-30	EP1695922
EP1695922	A4	2010-11-03	EP1695922
EP1695922	B1	2011-06-08	EP1695922
WO2005/056428	A1	2005-06-23	WO200556428
US20080312612	A1	2008-12-18	US20080312612
US7658338	B2	2010-02-09	US7658338
JP2005193981	A	2005-07-21	JP2005193981
JP4578185	B2	2010-09-03	JP4578185
AT512094	T	2011-06-15	ATE512094



Abstract

(EP1695922)

A subdivided fixed amount distributing apparatus for aerosol containers is provided in which aerosol contents exceeding a specified amount is prevented from being used in one cycle by keeping constant in total number of injection times at all times. A structure is simplified by making it possible to eject total amount to the outside every one time by means of a fixed amount injection valve, so that damage to the distributing apparatus due to outside air temperature is prevented and movement of the distributing apparatus is made smooth when it is pushed and released. The subdivided fixed amount distributing apparatus includes a lower sleeve 18 secured to an upper end of an aerosol container 1, a nozzle body 15 formed with a nozzle 16 communicating with a stem 4, a rotating body 23 disposed in a rotatable manner with respect to the nozzle body 15 and the lower sleeve 18, an annular body 34 disposed at an upper side of the rotating body 23, a pushing body 45 pushing the stem 4, and an upper sleeve 37 secured to the lower sleeve 18 at a lower end thereof, in which pushing operation of the stem 4 enables a fixed amount injection of the aerosol contents and positional movement of a fitting piece 28 while pushing operation of the stem 4 and positional movement in the same direction of the fitting piece 28 are disabled by hitting the fitting piece 28 on an upper end surface of a lower projection 21 after positional movement by pushing operation of predetermined times.

Inventors

MATSUMOTO KEIKO

OGATA KEN

Latest standardized assignees - inventors removed

TAISHO PHARMACEUTICAL

TOYO AEROSOL INDUSTRY

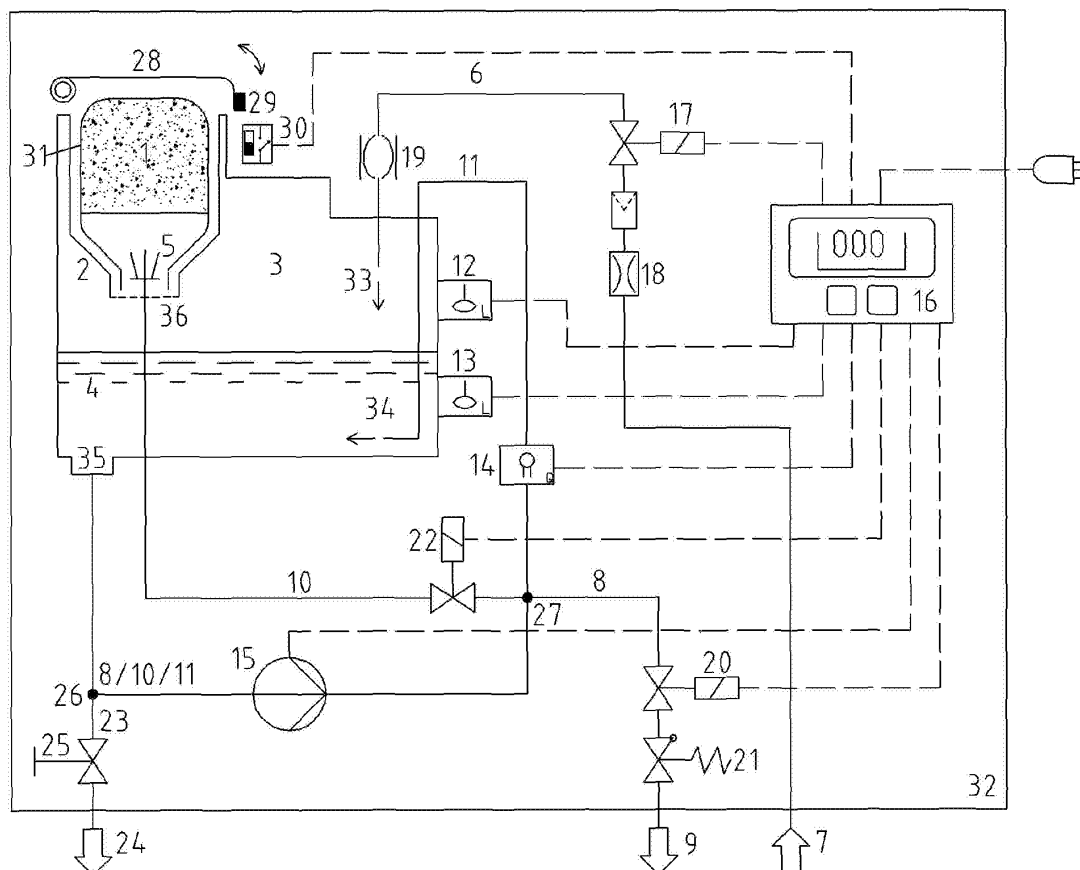
Family 63/100 - FAMPAT - ©Questel

Title

(WO200877437)

Dosing apparatus for dosing a solid detergent composition being conductive in solution

Images

**Publication data including kind & date**

WO2008/077437

A1 2008-07-03

WO200877437

**Abstract**

(WO2008/077437)

A dosing apparatus for dosing a soluble but solid composition[^]) and a corresponding method for dosing is provided, the dosing apparatus comprises at least one box or a box for keeping the solid composition, a solution reservoir(3) for keeping the composition solution(4), at least one spray means (5) for bringing the composition solution into contact with the solid composition being in the box such that an amount of the solid composition dissolves and the thus resulting solution flows into the solution reservoir, a supply line (6) comprising a liquid connection (7) for supplying a liquid, preferably water, to the solution reservoir (3), a discharge line (8), comprising a discharge for discharging the composition solution, a spray line (10) for feeding the spray means with composition solution coming from the solution reservoir, a circulation line coming from the solution reservoir and ending in the solution reservoir for circulating composition solution, means, preferably two level gauges (12, 13), for measuring the filling height in the solution reservoir, measuring means <14>for measuring the conductivity of the composition solution, at least one motorised feed pump (15) for moving the composition solution.

Inventors

STINGL CAROLA

CARLHOFF GEROLD

LOHWIESER HERIBERT

RUPPERT ANDREAS

Latest standardized assignees - inventors removed

ECOLAB

Family 64/100 - FAMPAT - ©Questel

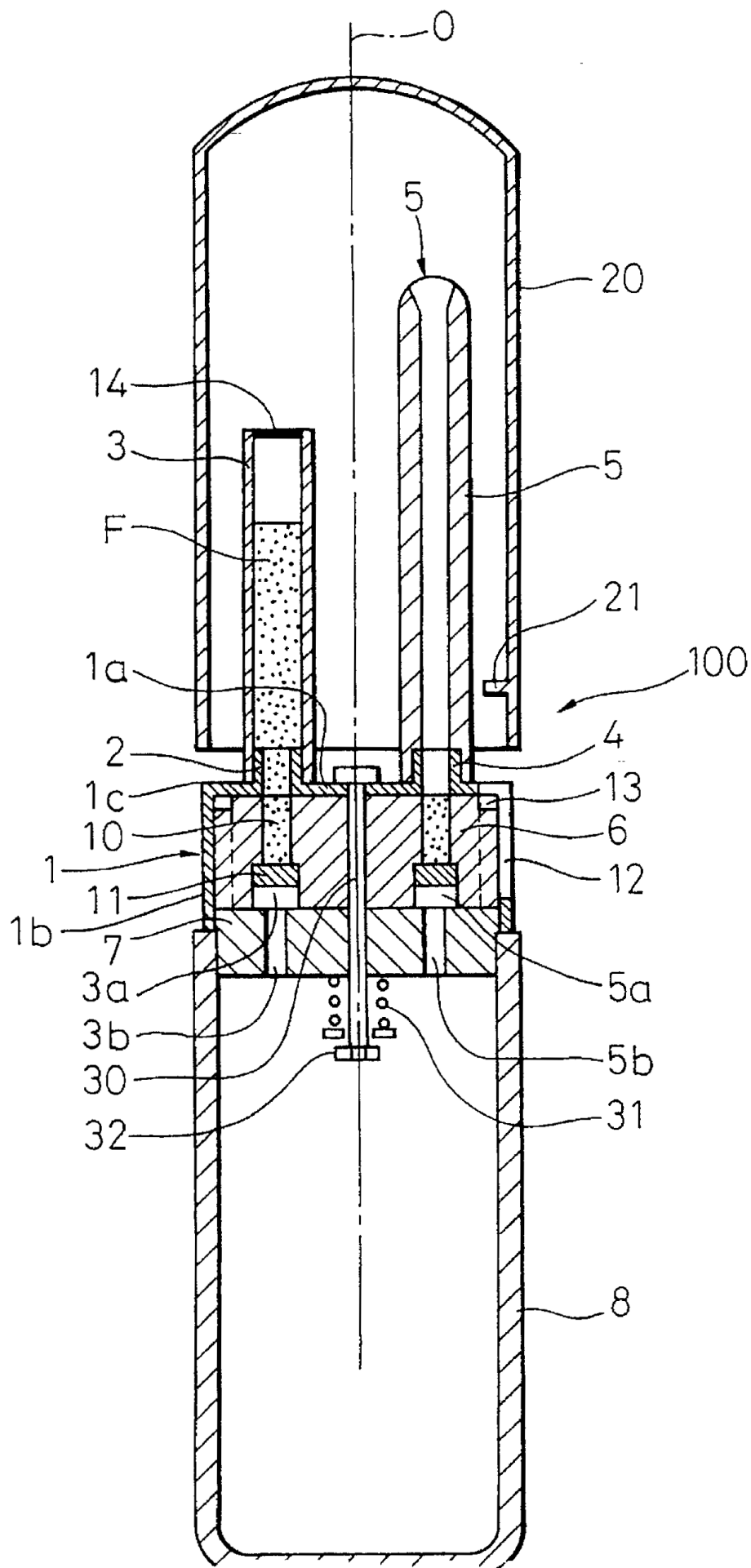
Title

(EP-652022)

Device and method for dispensing powdered medicine in multiple doses

Images

Fig.1



Publication data including kind & date

EP0652022	A1	1995-05-10	EP-652022				
EP0652022	A4	1995-10-18	EP-652022				
EP0652022	B1	1999-01-27	EP-652022				
WO94/26338	A1	1994-11-24	WO9426338				
US5634900	A	1997-06-03	US5634900				
DE69416245	D1	1999-03-11	DE69416245				
DE69416245	T2	1999-07-08	DE69416245				
JP3132830	B2	2001-02-05	JP3132830				
CA2140021	A1	1994-11-24	CA2140021				
CA2140021	C	2001-09-04	CA2140021				
AU6690694	A	1994-12-12	AU9466906				
AU684779	B2	1998-01-08	AU-684779				
FI950130	A0	1995-01-11	FI9500130				
FI950130	A	1995-03-10	FI9500130				
FI112919	B	2004-02-13	FI-112919				
KR19950702442	A	1995-07-29	KR19957002442				
KR950702442	A	1995-07-29	KR19950702442				
KR100244690	B1	2000-02-15	KR100244690				
AT176164	T	1999-02-15	ATE176164				
DK652022	T3	1999-09-13	DK-652022T				

Abstract

(EP0652022)

A **device** for dispensing powdered medicine in multiple doses capable of spraying powdered medicine in a fixed amount **and** in multiple doses having a **device** main body (1), a **storage** chamber (3) detachably mounted on said main body for storing as much powdered medicine as can handle multiple doses, **and** an accommodation chamber (10) having a capacity for a single dose, wherein in order to enable powdered medicine inside said accommodation chamber (10) to be dispensed by causing said accommodation chamber to communicate with said **storage** chamber at a loading position (3a) **and** causing said accommodation chamber to communicate with the external portion of said main **device** at a dispensing position (5a) there are provided rotor (6) movably mounted on said main body for dispensing a fixed amount of powdered medicine, a cap (20) for moving said rotor between said loading position **and** said dispensing position **and** a pump (8) for injecting air at said loading position into said **storage** chamber via said accommodation chamber so as to stir powdered medicine in said **storage** chamber, whereby a fixed amount of powdered medicine after stirred is loaded into said accommodation chamber from said **storage** chamber by virtue of a suction force by said pump means **and/or** its own gravity.

Inventors

MAKINO YUJI

SUZUKI YOSHIKI

Latest standardized assignees - inventors removed

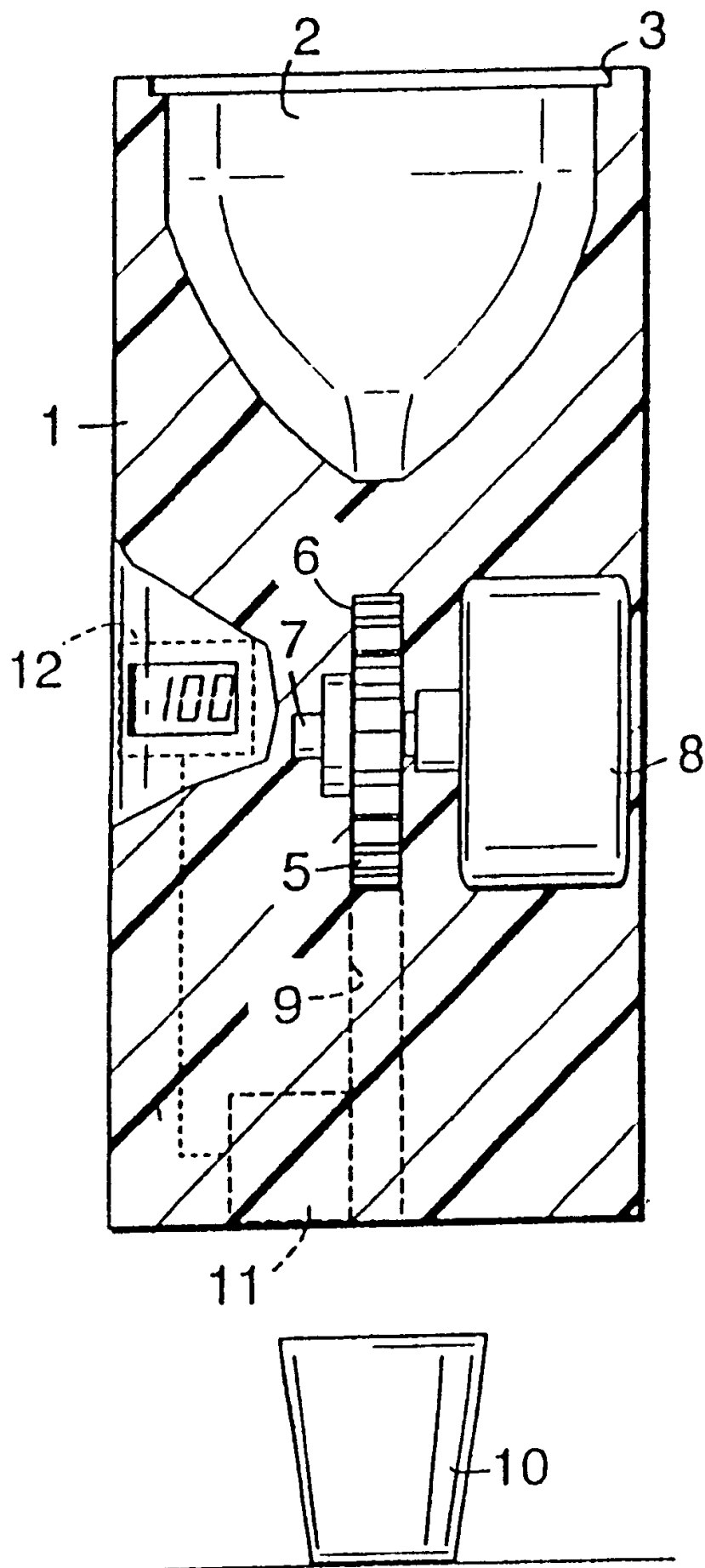
TEIJIN

Family 65/100 - FAMPAT - ©Questel

Title

(EP2055293)

A method **and** apparatus for dosing a **medical** preparation**Images**



Publication data including kind & date

EP2055293	A1	2009-05-06	EP2055293				
EP1058660	A1	2000-12-13	EP1058660				
EP1058660	B1	2006-04-19	EP1058660				
WO99/23014	A1	1999-05-14	WO9923014				
US6269971	B1	2001-08-07	US6269971				
DE69834272	D1	2006-05-24	DE69834272				
DE69834272	T2	2007-05-03	DE69834272				
JP2001521803	A	2001-11-13	JP2001521803				
AU9655598	A	1999-05-24	AU9896555				
NO20002334	D0	2000-05-03	NO200002334				
NO20002334	A	2000-07-03	NO200002334				
NO20002334	L	2000-07-03	NO20002334				
SK6492000	A3	2000-10-09	SK200000649				
TR200001233	T2	2001-01-22	TR200001233				
KR20010031727	A	2001-04-16	KR20010031727				
CZ20001471	A3	2001-12-12	CZ200001471				
NZ504285	A	2002-09-27	NZ-504285				
SE9704024	D0	1997-11-04	SE9704024				
SE9704024	L	1999-05-05	SE9704024				
SE516650	C2	2002-02-05	SE-516650				
CA2309155	A1	1999-05-14	CA2309155				
CA2309155	C	2008-07-08	CA2309155				
PL340292	A1	2001-01-29	PL98340292				
PL195555	B1	2007-10-31	PL-195555				
CN1285797	A	2001-02-28	CN1285797				
CN1108966	C	2003-05-21	CN1108966C				
IL135818	A	2001-05-20	IL-135818				
IL135818	B	2004-02-19	IL-135818				
HU0100322	A2	2001-05-28	HU200100322				
HU0100322	A3	2002-04-29	HU200100322				
HU227076	B1	2010-06-28	HU-227076				
EE200000246	A	2001-06-15	EE200000246				
EE04227	B1	2004-02-16	EE---4227				
BR9814837	A	2002-04-30	BR9814837				
BRPI9814837	A1	2002-04-30	BRPI9814837				
BRPI9814837	B1	2006-01-17	BRPI9814837				
AT323656	T	2006-05-15	ATE323656				
DK1058660	T3	2006-08-21	DK1058660T				
PT1058660	E	2006-09-29	PT1058660				
ES2263220	T3	2006-12-01	ES2263220				
SI1058660	T1	2007-04-30	SI1058660T				

Abstract

(EP2055293)

The invention has reference to a procedure **and** a **device** for the dosing of a medicine to a consumer. In accordance with the invention, a medicine is supplied in the form of a number of small units, partial doses, containing a determined, equal quantity of the active **medical** substance, **and** a number of these units, which correspond to a predetermined dose quantity, total dose, of the active **medical** substance are taken out **and** dispensed to the consumer. A **device** for the carrying out of

the procedure in accordance with the invention comprises devices (4, 11, 12) for counting **and** feeding-out of a number of units, partial doses of the medicine, which correspond to a predetermined dose quantity of the active **medical** substance **and** for transport (6) of these units to a dispensing **device** (9) for dispensing of the above-mentioned dose quantity, total dose, to a consumer.

Inventors

NYSTROEM CHRISTER

AQUILONIUS STEN-MAGNUS

Latest standardized assignees - inventors removed

SENSIDOS

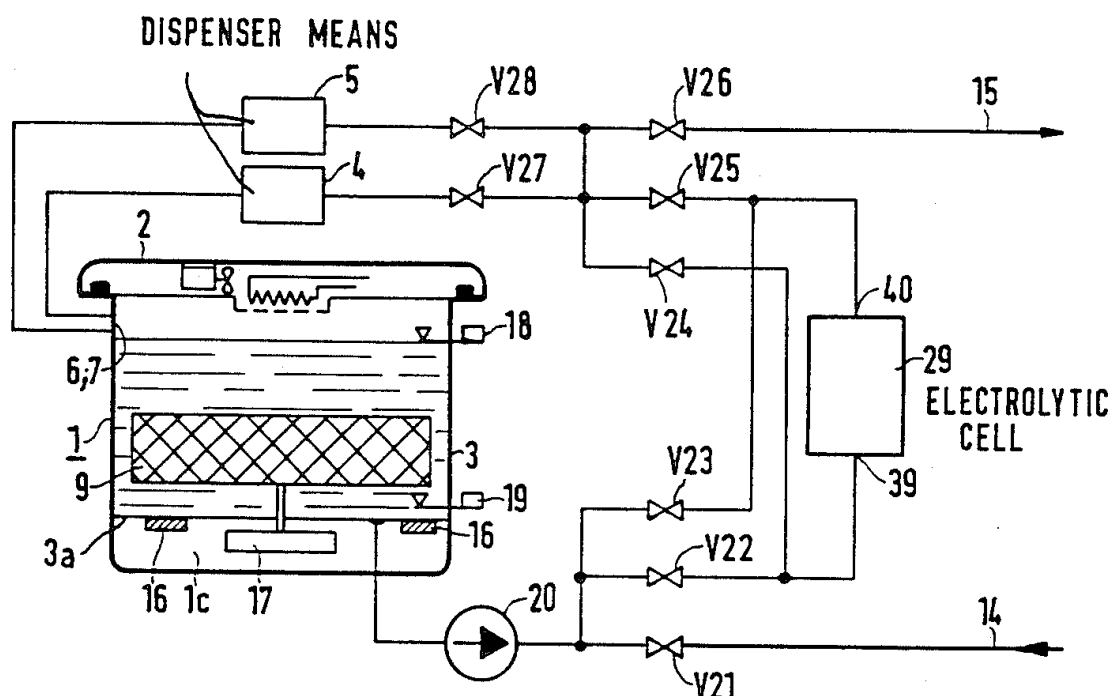
Family 66/100 - FAMPAT - ©Questel

Title

(EP-173876)

Method **and device** for cleaning, disinfecting **and** sterilizing **medical** tools, particularly dental tools

Images



Publication data including kind & date

EP0173876	A1	1986-03-12	EP-173876
EP0173876	B1	1989-06-21	EP-173876
US4710233	A	1987-12-01	US4710233
DE3430605	A1	1986-02-27	DE3430605
DE3571122	D1	1989-07-27	DE3571122
JPS6171054	A	1986-04-11	JP61071054
JPH071940	U	1995-01-13	JP07001940U
AT44131	T	1989-07-15	ATE044131



Abstract

(EP0173876)

A method **and** apparatus for cleaning, disinfecting, **and** sterilizing **medical** instrument with a sequence of method steps performed in a single apparatus. The method steps include precleaning the instruments in a container containing a first fluid bath subjected to ultrasonic energy, subsequently emptying the first fluid bath from the container **and** replacing it with a second fluid bath containing a cleaning agent **and** a sodium chloride, fine cleaning **and** disinfecting the instruments by

subjecting the second bath to ultrasonic energy **and** circulating the second bath through an electrolytic cell having a voltage applied to the electrodes to create anodic oxidation, then emptying the second bath **and** replacing it with a rinse bath, rinsing instruments while subjecting the rinse bath to an ultrasonic energy **and** circulating the bath through the electrolytic cell subsequently emptying the rinse bath, **and** drying the instruments by means of heated air.

(From US4710233 A)

Inventors

HOHMANN, EUGEN

MUND, KONRAD, DR.

WEIDLICH, ERHARD, DR.

Latest standardized assignees - inventors removed

SIEMENS

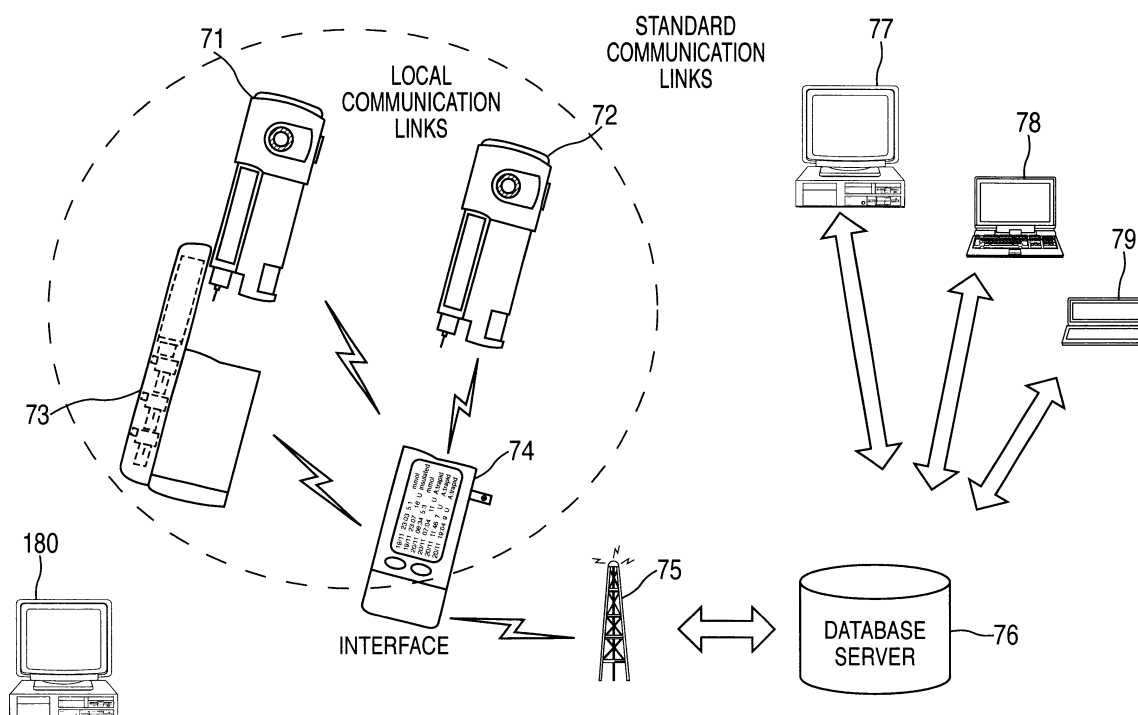
Family 67/100 - FAMPAT - ©Questel

Title

(US6540672)

Medical system **and** a method of controlling the system for use by a patient for **medical** self treatment

Images



Publication data including kind & date

[US6540672](#)

B1 2003-04-01 US6540672



Abstract

(US6540672)

This invention relates to a system for self treatment. The system consists of several portable modules where one of the modules is designated as a master module. The master module controls, supervises **and** monitors all the mutual information **and** data exchange between itself **and** the rest of the modules. The modules can e.g. consist of a BGM, a **doser**, an inhaler, a tablet **dispenser** **and** a **storage** container. The modules may be able to generate **and** store data which is transmitted to the master module if it is within range **and** active. If the master module is not within range, the data is kept locally in the module until the master module is available or a new master module is designated. The master module or another specific module can send the data to an external unit like a computer or database for further processing. A physician or an expert care-team can access the data in the database **and** give guidance to the patient on the basis of these processed data. This processing could also be done automatically by utilization of an expert system.

Inventors

SIMONSEN JAN HENNING

POULSEN JENS ULRIK

ROKKJAER KENT HALFDAN

CHRISTENSEN LARS HOFMANN

AASMUL SOEREN

IAV STEFFEN

Latest standardized assignees - inventors removed

NOVO HORDISK

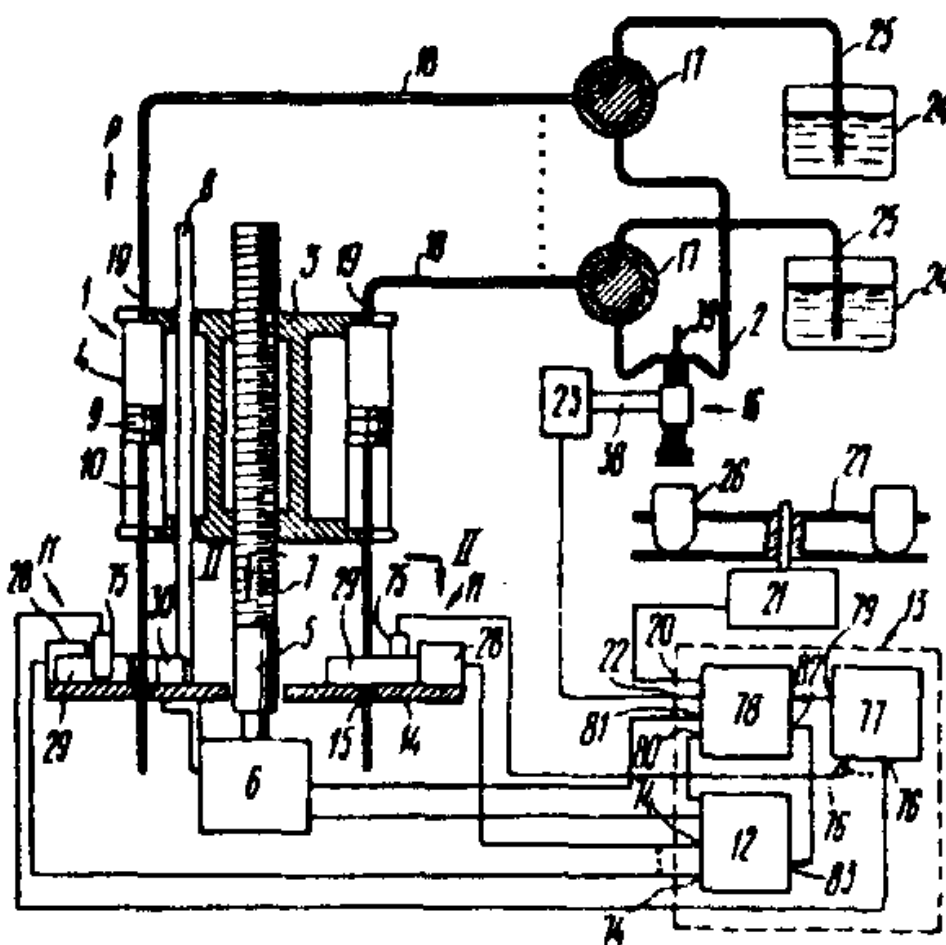
Family 68/100 - FAMPAT - ©Questel

Title

(FR2494843)

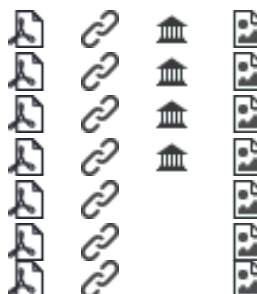
MICROASSAY DEVICE FOR LIQUIDS

Images



Publication data including kind & date

FR2494843	A1	1982-05-28	FR2494843
FR2494843	B1	1985-07-19	FR2494843
DE3134926	A1	1982-07-29	DE3134926
DE3134926	C2	1987-04-02	DE3134926
FI812735	L	1982-05-28	FI8102735
FI77579	B	1988-12-30	FI--77579



FI77579

C 1989-04-10 FI--77579

Abstract

(FR2494843)

The arrangement for microdosing liquids into a test glass contains, arranged in a frame (3), dosing syringes (1) corresponding to the number of liquids to be dosed as well as pipes (2) for conveying the dosed liquids into a test glass (26). The frame (3) is connected to a **liquid** dose regulator (6). The control unit (13) of the arrangement contains a dose volume **and** conveying time adjuster (12), the outputs of which are connected to the **liquid** dose regulator (6), to a step-by-step system (21) for the stepwise rotation of the frame (27) with test glass (26) **and** to the drive (23) for displacing ends of the pipes (2) backwards **and** forwards. For dosing the **liquid** according to a predetermined programme, each dosing syringe (1) has a piston-rod securing **device** (11) which is connected to a corresponding output (74) of the dosing volume **and** conveying time adjuster (12). A securing **device** (16) for the ends of the pipes (2) makes possible the dosing of liquids into a test glass (26) **and** is connected via three-way cocks (17) to the outputs (19) of the dosing syringes (1). <IMAGE>

Inventors

GROSS VALERY NIKOLAEVICH

KOZHANOV EVGENY VALENTINOVICH

STUPNIK VYACHESLAV DMITRIEVICH

VALOV VLADIMIR VASILIEVICH

Latest standardized assignees - inventors removed

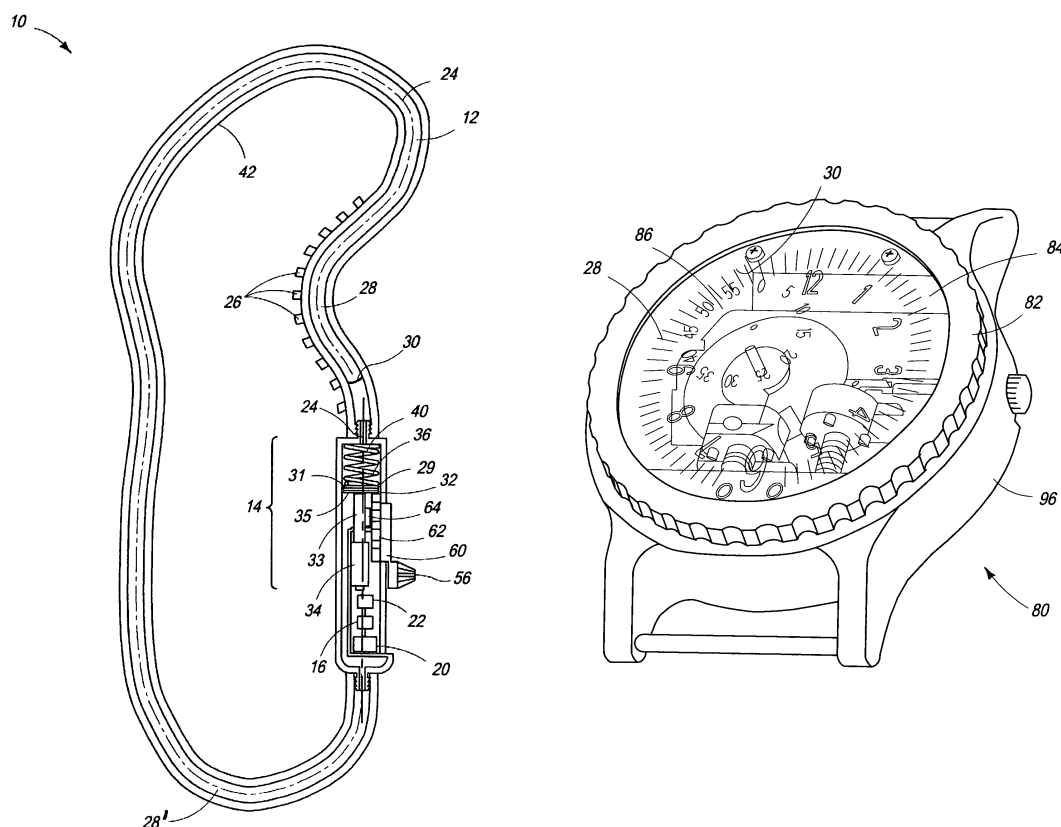
INSTITUTE BOTAN AN KAZAK

Family 69/100 - FAMPAT - ©Questel

Title

(EP2467758)

Fluid indicator

Images

EP2467758	A2	2012-06-27	EP2467758				
EP2467758	B1	2019-06-26	EP2467758				
EP2480267	A1	2012-08-01	EP2480267				
EP2480267	B1	2019-01-09	EP2480267				
WO2011/021097	A2	2011-02-24	WO201121097				
WO2011/021098	A1	2011-02-24	WO201121098				
WO2011/021098	A4	2011-04-21	WO201121098				
WO2011/021097	A3	2011-05-26	WO201121097				
WO2011/021097	A4	2011-08-04	WO201121097				
US20120191051	A1	2012-07-26	US20120191051				
US20190072901	A1	2019-03-07	US20190072901				
US20120147713	A1	2012-06-14	US20120147713				
US8995237	B2	2015-03-31	US8995237				
CN102655897	A	2012-09-05	CN102655897				
TW201137544	A	2011-11-01	TW201137544				
TWI528121	B	2016-04-01	TWI528121				
CN102656526	A	2012-09-05	CN102656526				
CN102656526	B	2015-07-08	CN102656526B				

Abstract

(EP2467758)

A visual indicator display **device** includes a bracelet, a transparent capillary chamber, **and** a displacement member. The transparent capillary chamber is matched to an indicia **and** has a primary length **and** a width less than the primary length. The displacement member is functionally disposed at one end of the capillary chamber **and** is responsive to a measureable input for moving a fluid contained therein a defined amount.

Inventors

VOUILLAMOZ LUCIEN

Latest standardized assignees - inventors removed

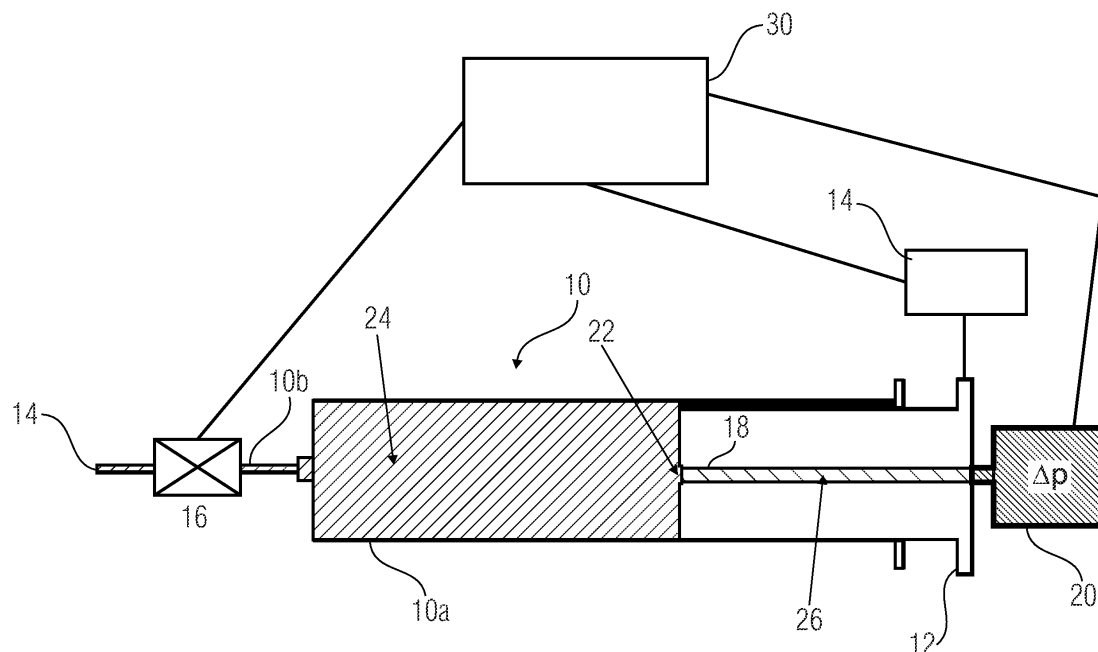
PRECIFLEX

Family 70/100 - FAMPAT - ©Questel

Title

(US9459128)

Device and method for dispensing or receiving a **liquid** volume**Images**



Publication data including kind & date

US20130327787	A1	2013-12-12	US20130327787
US9459128	B2	2016-10-04	US9459128
DE102012209314	A1	2013-12-05	DE102012209314
DE102012209314	B4	2015-04-02	DE102012209314



Abstract

(US20130327787)

A **device** for dispensing or receiving a **liquid** volume includes a **liquid** reservoir having an outlet, a pressure generator which provides a compressible enclosed gas volume of a constant amount of substance with a pressure, wherein the gas volume is in direct or indirect fluidic contact with the **liquid** in the **liquid** reservoir, a dosing **device** coupled to the outlet of the **liquid** reservoir **and** operable in order to enable the **liquid** to pass the outlet, a pressure sensor arranged to measure a current pressure in the gas volume **and** to output an output signal indicating the current pressure in the gas volume **and** a controller coupled to the pressure generator, the dosing **device** **and** the pressure sensor.

Inventors

KOLTAY PETER
ERNST ANDREAS
STEINERT CHRIS
TANGUY LAURENT

Latest standardized assignees - inventors removed

ALBERT LUDWIGS UNIVERSITAET FREIBURG
HAHN SCHICKARD

Family 71/100 - FAMPAT - ©Questel

Title

(CN201447145U)

Overall package of drug apparatus automatically adding pressure gas in injection

Images

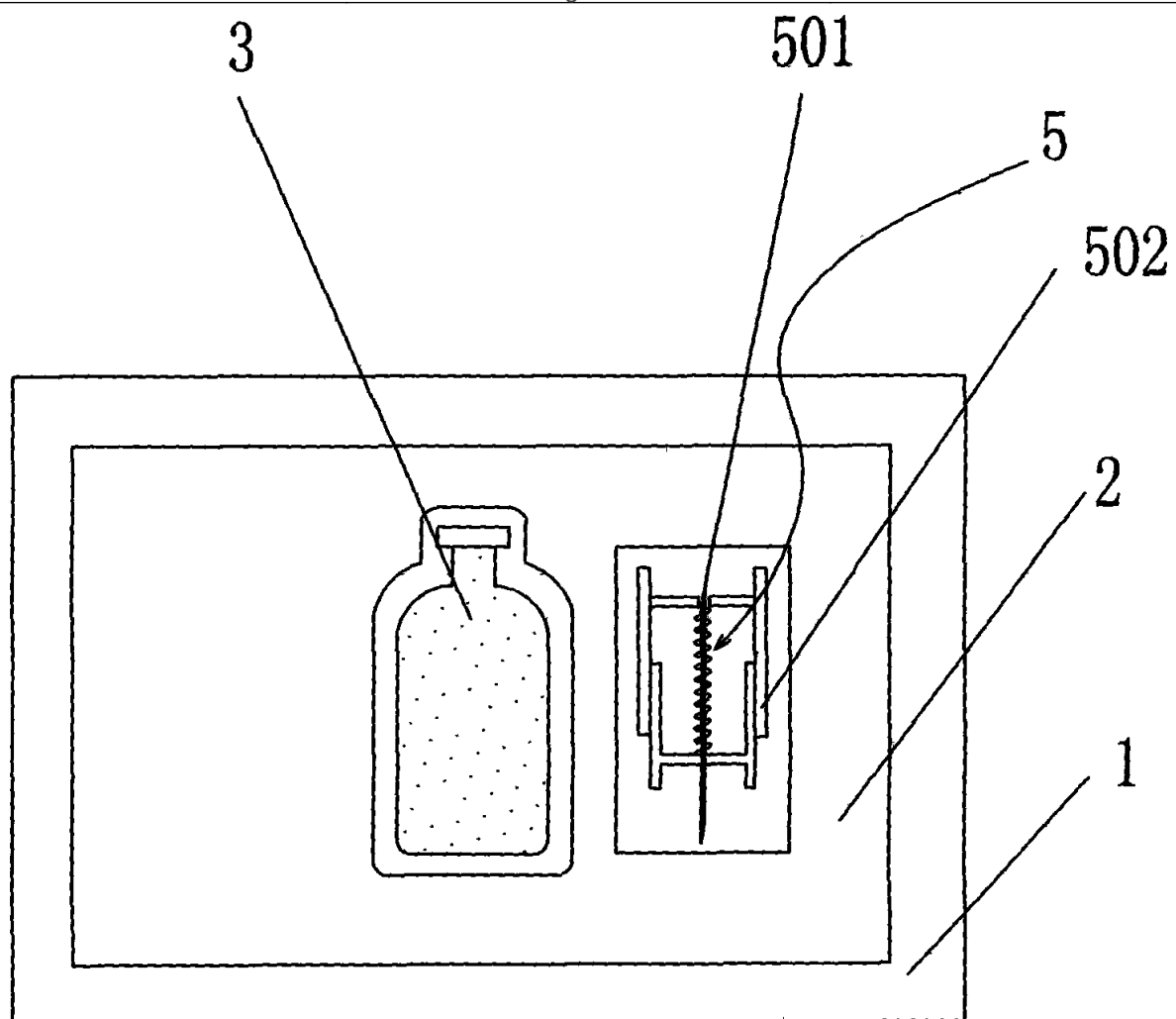


图 1

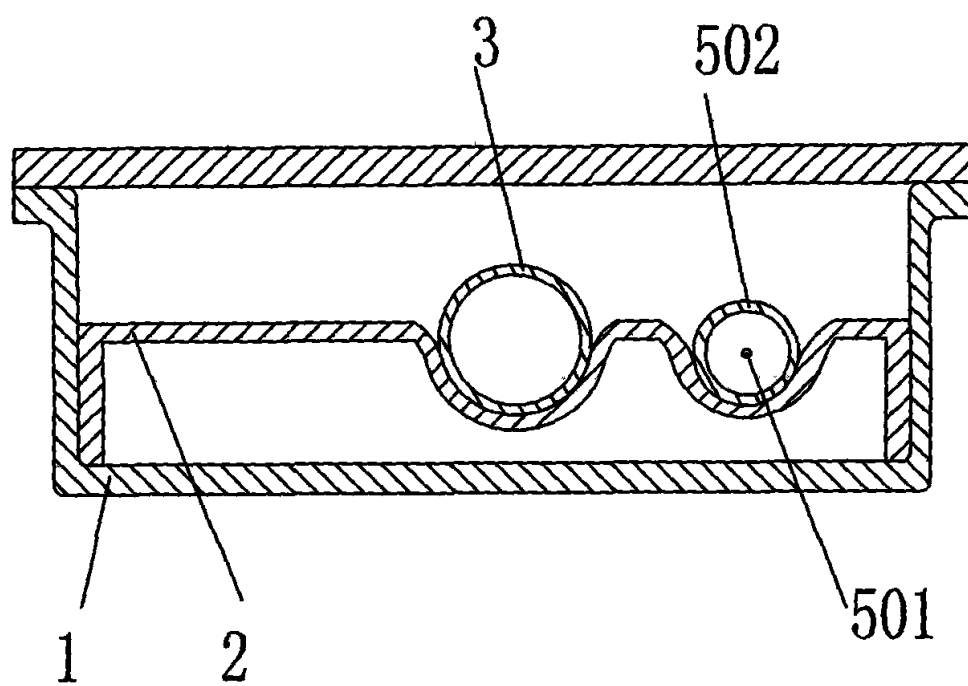


图 2

Publication data including kind & date

CN201447145

U 2010-05-05 CN201447145U

**Abstract**

(CN201447145)

The utility model discloses an overall package of a drug apparatus automatically adding pressure gas in injection, which comprises a packaging box. A bearer is arranged in the packaging box, a gas **storage** bottle which is filled with pressure gas **and** an automatic **doser** are arranged on the bearer, the **doser** is provided with a conduction tube which can realize the transfer of the pressure gas, the two ends of the conduction tube are respectively provided with a tip, **and** the outside of the tube body is provided with an operating sleeve which can control the conduction tube to slide **and** to penetrate through the plug of the gas **storage** bottle. The utility model can facilitate the clinical application **and** operation, **and** can be widely promoted **and** applied. The pressure in the gas **storage** bottle can be transferred to the injection vial outside the package through the automatic **doser** in the overall package, so as to complete the transfer of the pressure gas into the injection vial outside the package.

Inventors

WANG XINMING

JIN CHUNQING

LIU YAN

ZHANG LI

Latest standardized assignees - inventors removed

ZHONGSHAN BOTAI PHARMACEUTIC INSTRUMENTS

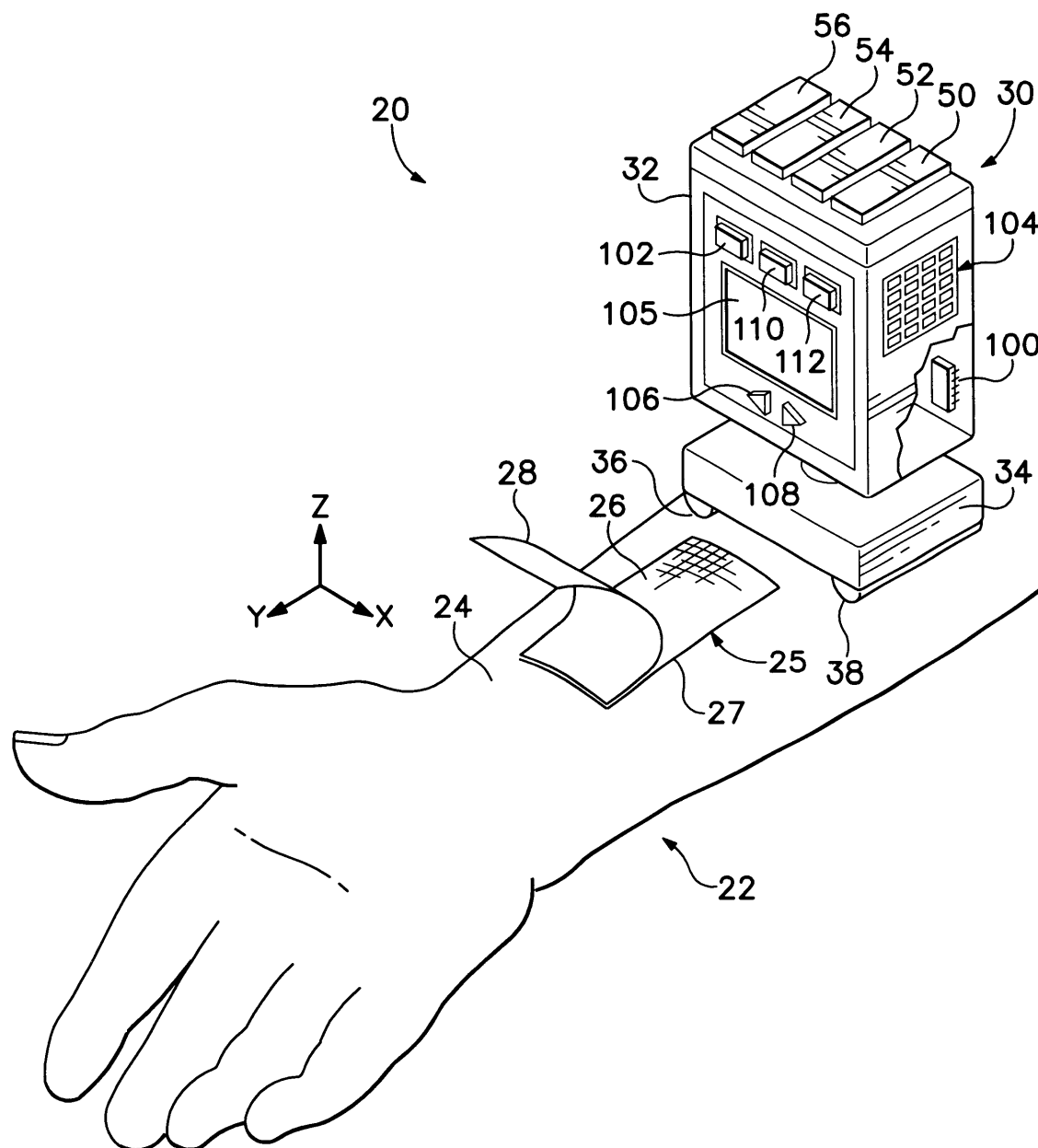
Family 72/100 - FAMPAT - ©Questel

Title

(EP1429835)

Cutaneous administration system

Images



Publication data including kind & date

EP1429835	A1	2004-06-23	EP1429835
EP1429835	B1	2006-06-21	EP1429835
WO03/028797	A1	2003-04-10	WO200328797
US20040181196	A1	2004-09-16	US20040181196
US20030065294	A1	2003-04-03	US20030065294
US6723077	B2	2004-04-20	US6723077
US20040087916	A1	2004-05-06	US20040087916
US7544190	B2	2009-06-09	US7544190
DE60212663	D1	2006-08-03	DE60212663
DE60212663	T2	2007-02-01	DE60212663
JP2005503899	A	2005-02-10	JP2005503899
KR20040045010	A	2004-05-31	KR20040045010
CN1561242	A	2005-01-05	CN1561242
HK1062151	A1	2006-09-15	HK1062151
ES2265505	T3	2007-02-16	ES2265505



Abstract

(EP1429835)

Bioactive agents are cutaneously delivered by a thermal or piezoelectric jet **dispenser** (30). The **dispenser** (30) propels precise volumes of droplets toward the skin (24), where they exert a local or topical effect, or move through the skin (24) for transdermal systemic delivery. Drugs are either delivered directly to the skin (24), or are introduced into a transdermal patch (25). The **dispenser** (30) can be used to resupply a transdermal patch (25) with drug instead of replacing the patch. A controller (100, 220) in the **dispenser** is capable of accurately controlling the delivery of multiple different drugs, **and** can be programmed to change drug regimens in response to a changing **medical** condition of a patient, for example in response to information from a sensor. In some embodiments, the **dispenser** acts as an electromechanical patch.

Inventors

PICKUP RAY L

LO CLEMENT C

NOONAN WILLIAM D

Latest standardized assignees - inventors removed

HEWLETT PACKARD DEVELOPMENT

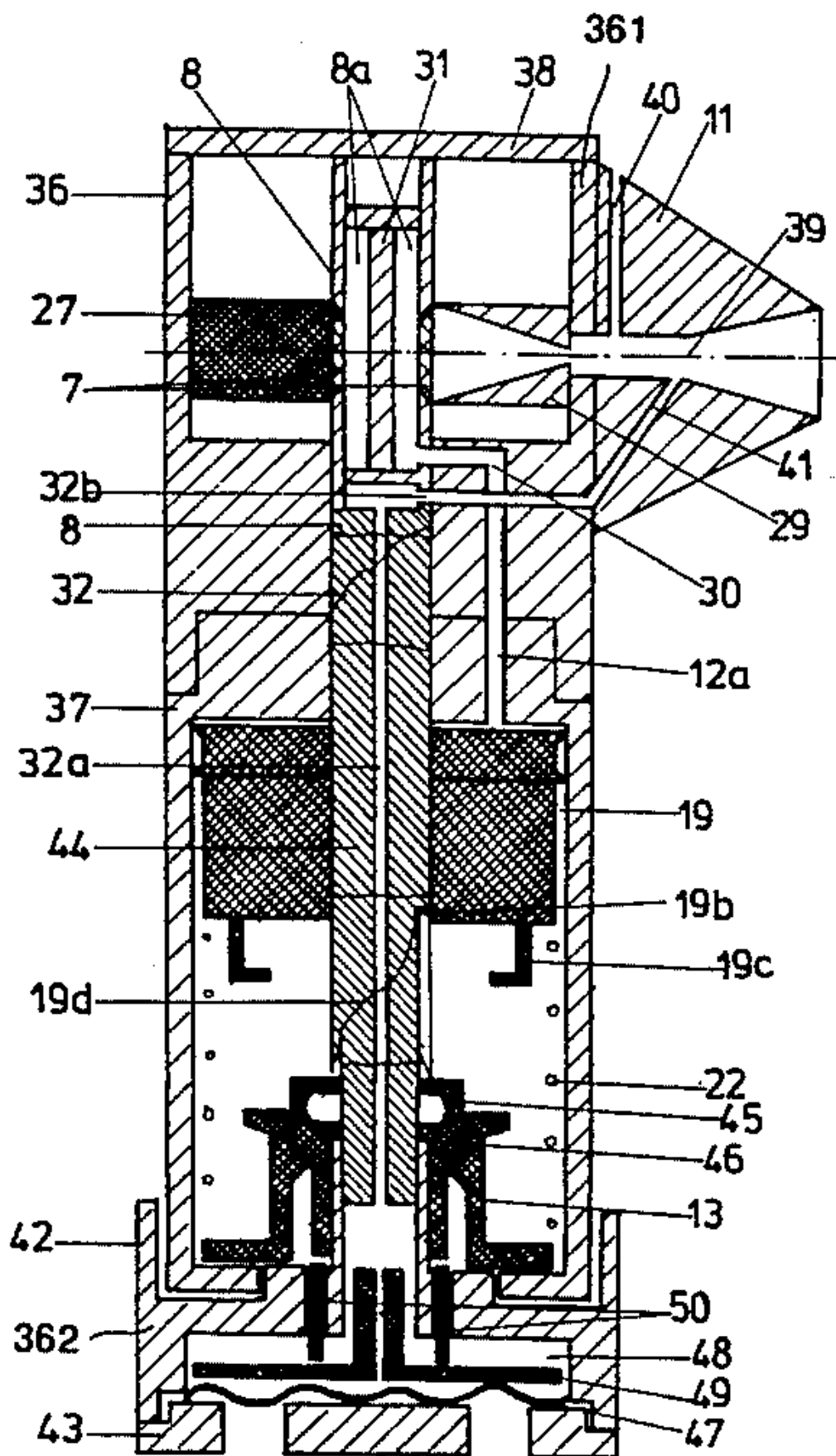
Family 73/100 - FAMPAT - ©Questel

Title

(EP-549605)

Inhalator without propeller gas with foreign air stream.

Images



Publication data including kind & date

EP0549605	A1	1993-07-07	EP-549605
EP0549605	B1	1995-01-04	EP-549605
EP0599998	A1	1994-06-08	EP-599998



EP0599998	B1	1995-12-06	EP-599998				
WO92/04068	A1	1992-03-19	WO9204068				
WO93/03783	A1	1993-03-04	WO9303783				
US5507281	A	1996-04-16	US5507281				
DE4027391	A1	1992-03-12	DE4027391				
DE4133274	A1	1993-02-25	DE4133274				
DE59104168	D1	1995-02-16	DE59104168				
DE59204622	D1	1996-01-18	DE59204622				
JPH06500242	A	1994-01-13	JP06500242				
JP2505339	B2	1996-06-05	JP2505339				
JPH06509953	A	1994-11-10	JP06509953				
JP3234599	B2	2001-12-04	JP3234599				
RU2098144	C1	1997-12-10	RU2098144				
AU2493992	A	1993-03-16	AU9224939				
NZ239530	A	1994-12-22	NZ-239530				
CA2090227	A1	1992-03-01	CA2090227				
CA2090227	C	2004-11-30	CA2090227				
IE913052	A1	1992-03-11	IE9103052				
IE71162	B1	1997-01-29	IE--71162				
AU8339891	A	1992-03-30	AU9183398				
AU654499	B2	1994-11-10	AU-654499				
ZA9106741	B	1992-05-27	ZA9106741				
FI930845	A	1993-02-25	FI9300845				
FI930845	A0	1993-02-25	FI9300845				
FI105078	B	2000-06-15	FI-105078				
NO930707	D0	1993-02-26	NO9300707				
NO930707	L	1993-02-26	NO-930707				
NO304353	B1	1998-12-07	NO-304353				
HU9300558	D0	1993-06-28	HU9300558				
HUT66984	A	1995-01-30	HU-T66984				
HU213661	B	1997-09-29	HU-213661				
SK13193	A3	1993-07-07	SK9300131				
SK278886	B6	1998-04-08	SK-278886				
CZ27893	A3	1993-07-14	CZ9300278				
CZ281264	B6	1996-07-17	CZ-281264				
KR19937002037	A	1993-09-08	KR19937002037				
KR930702037	A	1993-09-08	KR19930702037				
KR0179376	B1	1999-04-01	KR100179376				
LTIP332	A	1994-08-25	LT--IP332				
LT3125	B	1994-12-27	LT---3125				
AT116558	T	1995-01-15	ATE116558				
LV10398	A	1995-02-20	LV--10398				
LV10398	B	1996-06-20	LV--10398				
ES2066463	T3	1995-03-01	ES2066463				
DK0549605	T3	1995-03-13	DK-549605T				
GR3015540	T3	1995-06-30	GR3015540				
PL166852	B1	1995-06-30	PL-166852				
AT131080	T	1995-12-15	ATE131080				

IL99285	B	1995-12-31	IL--99285				
ES2080513	T3	1996-02-01	ES2080513				
DK0599998	T3	1996-04-22	DK-599998T				
GR3018661	T3	1996-04-30	GR3018661				
EE03092	B1	1998-06-15	EE---3092				

Abstract

(EP0549605)

A propeller-gas-free inhalator has a reservoir (6) for a powdery substance to be inhaled **and** a dosing **device** (8) manually operated by means of a push-button with a dose chamber (7) that receives a predetermined dose of the powdery substance. The inhalator further has a lateral mouthpiece (11) for actively breathing-in, with an air channel (9) in which each dose of the powdery substance is distributed in the air stream. In order to obtain a highly reproducible dose, the expulsion of a high proportion of this dose from the inhalator, **and** a reproducible dispersion of the **medical** substance, a triggerable pump (12, 19, 20) can be manually pre-charged before starting inhalation **and** can be triggered in synchronism with the respiration, generating a foreign air stream that disperses the dosed substance.

Inventors

POSS GERHARD

WITTEKIND JUERGEN

KUEHNEL ANDREAS

Latest standardized assignees - inventors removed

BOEHRINGER INGELHEIM

Family 74/100 - FAMPAT - ©Questel

Title

(EP2632664)

Applicator for **liquid** dispensing hair removal **device****Images**

MX2013004697	A	2013-06-12	MX2013004697
IN3763/DELNP/2013	A	2014-11-21	IN2013DN03763
BR112013010281	A1	2016-02-10	BR112013010281
BR112013010281	A2	2016-09-13	BR112013010281
CN102452095	A	2012-05-16	CN102452095
CN102452095	B	2014-10-29	CN102452095B
ES2534507	T3	2015-04-23	ES2534507



Abstract

(EP2632664)

A **liquid** dispensing hair removal **device** (10) having a handle (50) with a cartridge (12) mounted to the handle. The cartridge has a guard (24), a cap (26), **and** at least one blade (22) behind the guard **and** in front of the cap. A dispensing unit (150) is within the handle. The dispensing unit has a reservoir (220), a pump (160) in **liquid** communication with the reservoir, **and** an applicator (100) in **liquid** communication with the pump. The applicator has a guard (120) with a plurality of ribs (122) **and** an outlet port (128) in front of the ribs.

Inventors

WAIN KEVIN JAMES

Latest standardized assignees - inventors removed

GILLETTE

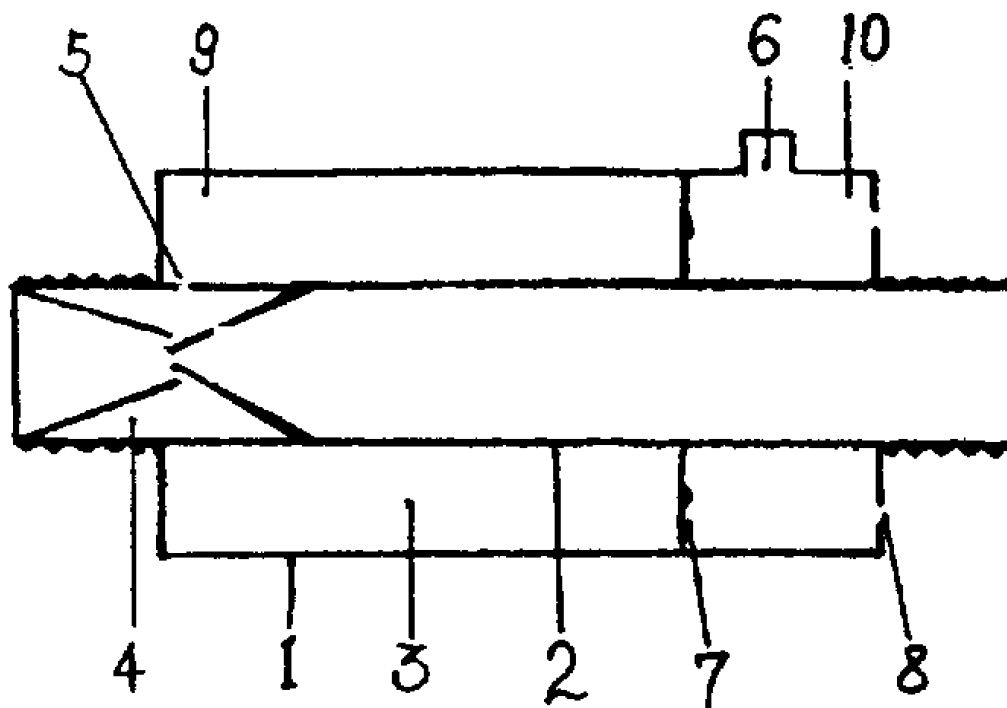
Family 75/100 - FAMPAT - ©Questel

Title

(CN2197354U)

Medicine **doser**

Images



Publication data including kind & date

[CN2197354](#) Y 1995-05-17 CN2197354U



Abstract

(CN2197354)

The utility model relates to an auxiliary **device** for an agricultural knapsack sprayer, **and** the auxiliary **device** is arranged between the switch **and** the spraying head of a sprayer. The utility model is provided with a structure for specially storing agricultural chemicals, **and** clear water instead of **liquid** medicine mixed well is filled into the bucket of the sprayer. When the utility model is operated **and** pressurized water flows across the auxiliary **device**, the **liquid** medicine in a medicine storing chamber is sucked **and** spouted after mixed with the clear water via negative pressure formed locally. Owing to the **liquid** medicine is separated **and** stored, the poisoning phenomenon of the agricultural chemicals caused by the **liquid** medicine splashing **and** leaking on body of the original equipment is reduced thusly, **and** the security of the user of the sprayer is enhanced.

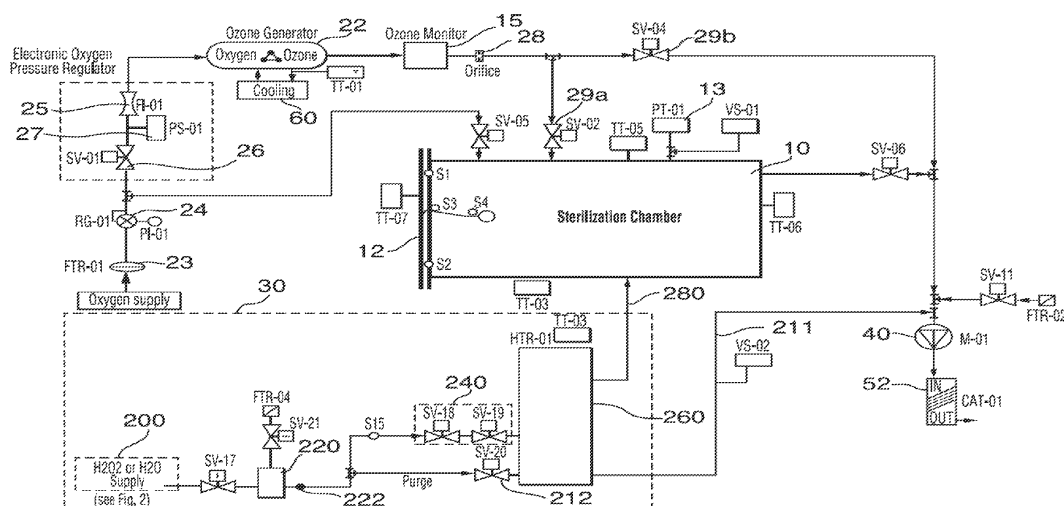
Inventors

ZHANG JIFA

Family 76/100 - FAMPAT - ©Questel

Title

(EP3485917)

Sterilization method with a conditioning agent **and** sterilant gas**Images****Publication data including kind & date**

EP3485917	A2	2019-05-22	EP3485917
EP2482859	A1	2012-08-08	EP2482859
EP2482859	A4	2013-07-03	EP2482859
EP2482859	B1	2016-05-11	EP2482859
EP2601976	A1	2013-06-12	EP2601976
EP2601977	A1	2013-06-12	EP2601977
EP2601978	A1	2013-06-12	EP2601978
EP2601979	A1	2013-06-12	EP2601979
EP2601980	A1	2013-06-12	EP2601980
EP2601976	B1	2014-01-29	EP2601976
EP2601978	B1	2014-12-10	EP2601978
EP2601977	B1	2015-05-06	EP2601977
EP2601980	B1	2015-05-20	EP2601980
EP2601979	B1	2016-05-18	EP2601979
EP2609937	A1	2013-07-03	EP2609937



EP2609937	B1	2015-11-18	EP2609937				
EP3056224	A1	2016-08-17	EP3056224				
EP3056224	B1	2018-11-14	EP3056224				
WO2011/038487	A1	2011-04-07	WO201138487				
US20160361450	A1	2016-12-15	US20160361450				
US20110076192	A1	2011-03-31	US20110076192				
US9101679	B2	2015-08-11	US9101679				
US20130236355	A1	2013-09-12	US20130236355				
US20130236356	A1	2013-09-12	US20130236356				
US20130236357	A1	2013-09-12	US20130236357				
US20130236363	A1	2013-09-12	US20130236363				
US20130236373	A1	2013-09-12	US20130236373				
US9402928	B2	2016-08-02	US9402928				
US9427485	B2	2016-08-30	US9427485				
US9474815	B2	2016-10-25	US9474815				
US9480764	B2	2016-11-01	US9480764				
US9480765	B2	2016-11-01	US9480765				
US20130243649	A1	2013-09-19	US20130243649				
US9480763	B2	2016-11-01	US9480763				
US20150352238	A1	2015-12-10	US20150352238				
US9814795	B2	2017-11-14	US9814795				
JP2013505797	A	2013-02-21	JP2013505797				
JP5480975	B2	2014-02-21	JP5480975				
JP2013144159	A	2013-07-25	JP2013144159				
JP5855045	B2	2015-12-18	JP5855045				
JP2013150869	A	2013-08-08	JP2013150869				
JP5785207	B2	2015-07-31	JP5785207				
JP2013172984	A	2013-09-05	JP2013172984				
JP2013172985	A	2013-09-05	JP2013172985				
JP2013172986	A	2013-09-05	JP2013172986				
JP5785208	B2	2015-07-31	JP5785208				
JP5785209	B2	2015-07-31	JP5785209				
JP5785211	B2	2015-07-31	JP5785211				
JP2013176571	A	2013-09-09	JP2013176571				
JP5785210	B2	2015-07-31	JP5785210				
JP2016073677	A	2016-05-12	JP2016073677				
JP6141950	B2	2017-06-07	JP6141950				
IN1942/DELNP/2013	A	2016-03-18	IN2013DN01942				
IN1943/DELNP/2013	A	2016-03-18	IN2013DN01943				
IN1944/DELNP/2013	A	2016-03-18	IN2013DN01944				
IN1945/DELNP/2013	A	2016-03-18	IN2013DN01945				
IN1946/DELNP/2013	A	2016-03-18	IN2013DN01946				
IN1947/DELNP/2013	A	2016-03-18	IN2013DN01947				
CA2767726	A1	2011-04-07	CA2767726				
CA2808544	A1	2011-04-07	CA2808544				
CA2808561	A1	2011-04-07	CA2808561				
CA2808703	A1	2011-04-07	CA2808703				
CA2808705	A1	2011-04-07	CA2808705				

CA2808717	A1	2011-04-07	CA2808717				
CA2808897	A1	2011-04-07	CA2808897				
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CA2808544	C	2018-08-28	CA2808544				
AU2010302888	A1	2012-03-22	AU2010302888				
AU2010302888	B2	2014-01-16	AU2010302888				
MX2012003502	A	2012-05-08	MX2012003502				
MX337243	B	2016-02-19	MX-337243				
KR20120082902	A	2012-07-24	KR20120082902				
KR101789754	B1	2017-10-25	KR101789754				
ZA201201389	B	2012-10-31	ZA201201389				
BR112012006740	A1	2012-11-06	BR112012006740				
BR112012006740	A2	2015-09-08	BR112012006740				
BR112012006740	B1	2019-02-19	BR112012006740				
KR20130042621	A	2013-04-26	KR20130042621				
KR20130042622	A	2013-04-26	KR20130042622				
KR20130042623	A	2013-04-26	KR20130042623				
KR20130042624	A	2013-04-26	KR20130042624				
KR20130042625	A	2013-04-26	KR20130042625				
KR20130042626	A	2013-04-26	KR20130042626				
KR101782118	B1	2017-09-26	KR101782118				
KR101785994	B1	2017-10-18	KR101785994				
KR101827461	B1	2018-02-09	KR101827461				
KR101827462	B1	2018-02-09	KR101827462				
KR101863045	B1	2018-06-01	KR101863045				
KR101863560	B1	2018-06-01	KR101863560				
BR122013010289	A1	2013-06-18	BR122013010289				
BR122013010293	A1	2013-06-18	BR122013010293				
BR122013010296	A1	2013-06-18	BR122013010296				
BR122013010297	A1	2013-06-18	BR122013010297				
BR122013010298	A1	2013-06-18	BR122013010298				
BR122013010299	A1	2013-06-18	BR122013010299				
BR122013010293	A2	2016-01-05	BR122013010293				
BR122013010296	A2	2016-01-05	BR122013010296				
BR122013010296	B1	2016-01-05	BR122013010296				
BR122013010289	A2	2016-03-29	BR122013010289				
BR122013010289	B1	2016-03-29	BR122013010289				
BR122013010297	A2	2016-03-29	BR122013010297				
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BR122013010299	B1	2016-03-29	BR122013010299				

BR122013010293	B1	2018-08-14	BR122013010293				
ES2469396	T3	2014-06-18	ES2469396				
HK1185819	A1	2014-10-10	HK1185819				
ES2531976	T3	2015-03-23	ES2531976				
ES2543704	T3	2015-08-21	ES2543704				
ES2545154	T3	2015-09-08	ES2545154				
IN3533/DELNP/2012	A	2015-10-30	IN2012DN03533				
IN313806	B	2019-06-06	IN-313806				
ES2562626	T3	2016-03-07	ES2562626				
HK1185818	A1	2016-08-19	HK1185818				
ES2586568	T3	2016-10-17	ES2586568				
ES2586831	T3	2016-10-19	ES2586831				
KR20160131128	A	2016-11-15	KR20160131128				
KR101761728	B1	2017-07-26	KR101761728				
PL2482859	T3	2016-11-30	PL2482859				
HK1167618	A1	2016-12-02	HK1167618				
MX345910	B	2017-02-22	MX-345910				
PL2601979	T3	2017-02-28	PL2601979				
MX348497	B	2017-06-14	MX-348497				
MX348647	B	2017-06-21	MX-348647				
MX351186	B	2017-10-04	MX-351186				
MX351399	B	2017-10-13	MX-351399				
MX352578	B	2017-11-29	MX-352578				
ES2704136	T3	2019-03-14	ES2704136				
PL3056224	T3	2019-04-30	PL3056224				

Abstract

(EP3485917)

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide **and** ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide **and** subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution **and** from the decomposition of the hydrogen peroxide into water **and** oxygen. The complete sterilization process is carried out while the chamber remains sealed **and** without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process **and** during all sterilant injection cycles. Keeping the chamber sealed **and** maintaining the hydrogen peroxide **and** its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency **and** allows for the use of much lower sterilant amounts **and** sterilization cycle times than would be expected from using hydrogen peroxide **and** ozone in combination.

Inventors

DUFRESNE SYLVIE

VALLIERES JEAN-MARTIN

TREMBLAY BRUNO

Latest standardized assignees - inventors removed

TSO3

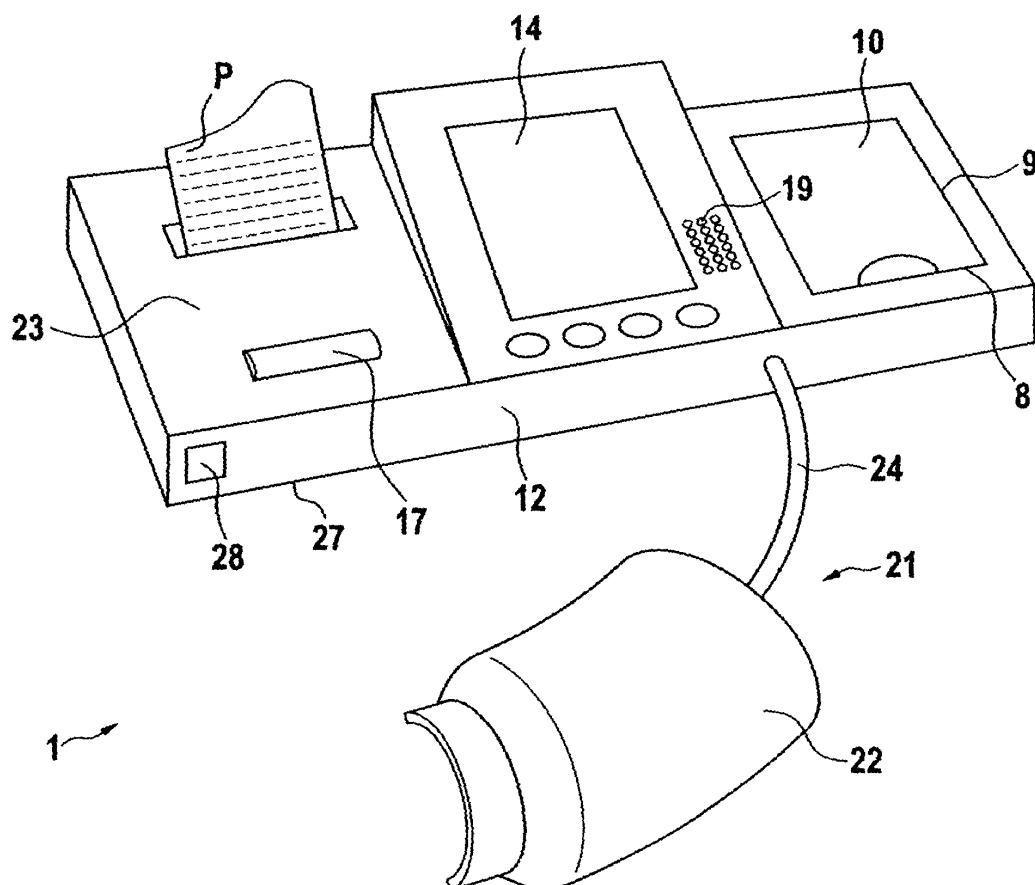
Family 77/100 - FAMPAT - ©Questel

Title

(EP1349489)

A system **and** a method for monitoring the effectiveness of a **medical** treatment

Images



Publication data including kind & date

EP1349489	A2	2003-10-08	EP1349489
WO02/053022	A2	2002-07-11	WO200253022
WO02/053022	A3	2002-10-31	WO200253022
WO02/053022	A8	2003-06-19	WO200253022
AU2002234606	A1	2002-07-16	AU2002234606



Abstract

(EP1349489)

In a system for monitoring the effectiveness of a **medical** treatment of a patient, signals indicating whether the patient (online) with a medicine regimen **and** with a health parameter measurement schedule **and** health parameter measurement data are printed out on a printer (13, 23) or displayed on other display means (33). The doctor therefore may easily monitor the influence of a medication to the health parameters.

Inventors

LIN WEN-GUAY
FONG YING-LIANG
FRICK GERHARD

Latest standardized assignees - inventors removed

MICROLIFE INTELLECTUAL PROPERTY

Family 78/100 - FAMPAT - ©Questel

Title

(WO201578265)

Device for applying pesticide **and** method for applying same

Images

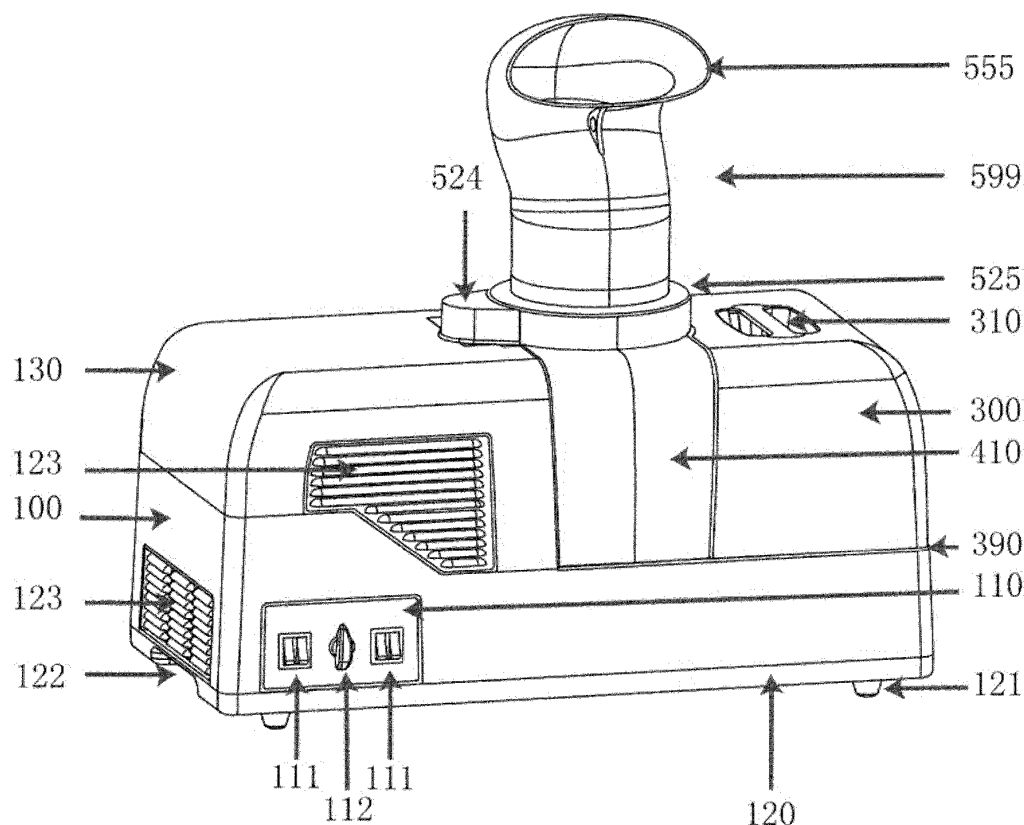


Fig. 1

Publication data including kind & date

WO2015/078265	A1	2015-06-04	WO201578265
CN104663633	A	2015-06-03	CN104663633
CN104663633	B	2018-07-27	CN104663633B

**Abstract**

(WO2015/078265)

A **device** for applying a pesticide **and** a method for applying same, in which the pesticide is present in the form of a pesticide solution that can be atomized; the pesticide solution is atomized by ultrasonic oscillation; **and** providing a dynamic air flow to the atomized pesticide solution, so as to take the atomized pesticide solution away **and** to apply it in the environment where the application target is located. The pesticide particles applied by the **device** for applying a pesticide have a small particle size **and** a concentrated particle spectrum, which can be effectively absorbed by the target, **and** thus it is difficult to cause pesticide residues **and** waste. The rapid spread of a biologically active pesticide in a natural state can be achieved, so as to make the effective biological equivalent weight of the biologically active pesticide reach the maximum quantity in a relatively short period of time.

Inventors

CHEN TIANLAI
 CHEN YONGHONG
 ZHANG LIZHEN
 LV RONGBO
 DUN BAOHONG
 MA GUOJIANG

Latest standardized assignees - inventors removed

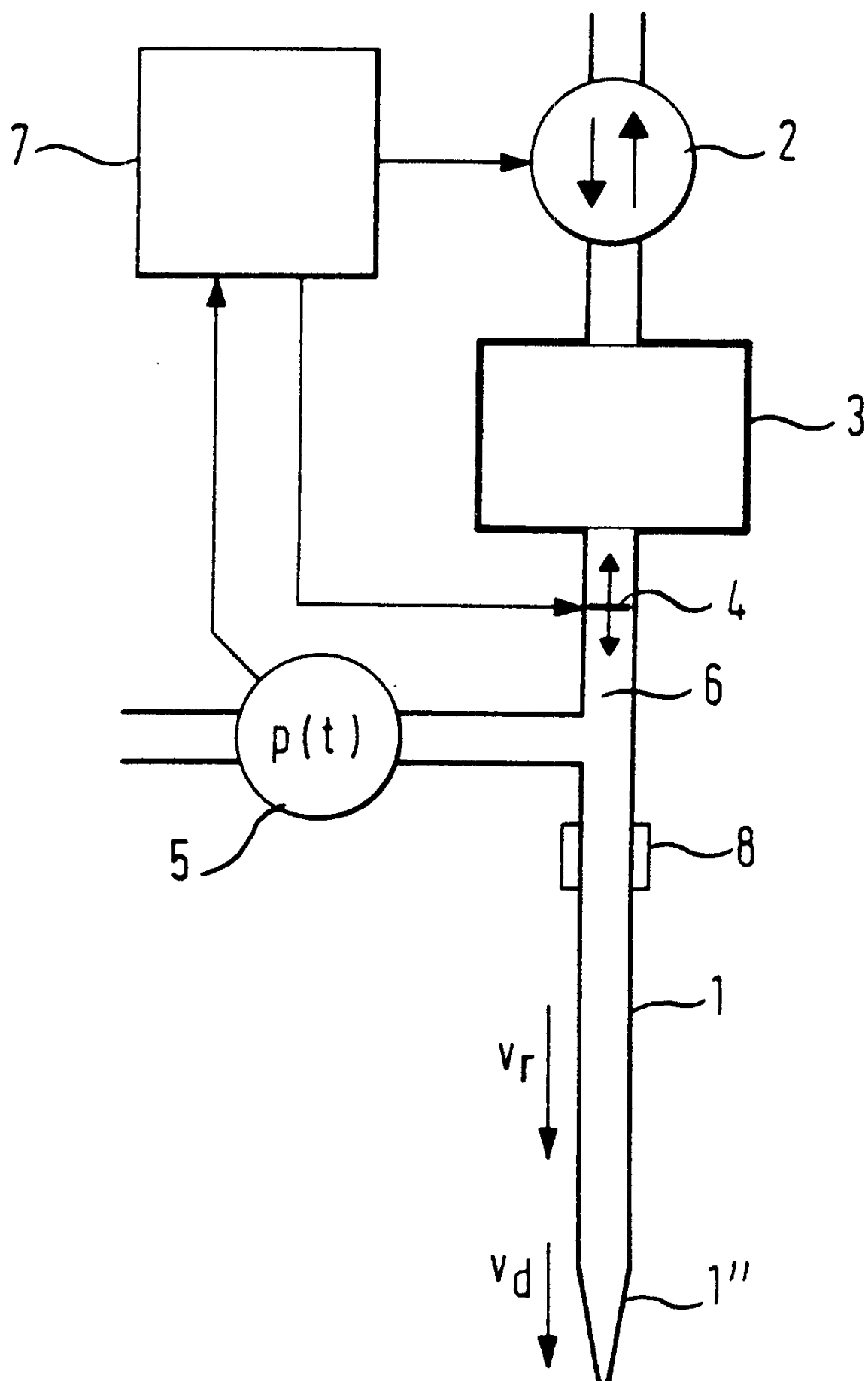
BEIJING ZHONGXIANZHINONG TECHNOLOGY

Family 79/100 - FAMPAT - ©Questel

Title

(EP1150105)

Images



EP1150105	A2	2001-10-31	EP1150105				
EP1150105	A3	2002-08-07	EP1150105				
EP1150105	B1	2010-04-07	EP1150105				
US20020011276	A1	2002-01-31	US20020011276				
US6499515	B2	2002-12-31	US6499515				
DE10022398	A1	2001-11-08	DE10022398				
DE10022398	B4	2011-03-17	DE10022398				
DE50115420	D1	2010-05-20	DE50115420				
JP2002018800	A	2002-01-22	JP2002018800				
JP4813680	B2	2011-09-02	JP4813680				
AT463721	T	2010-04-15	ATE463721				

Abstract

(EP1150105)

The micro dosing system has a **liquid** reservoir (1) with a **storage** space (1') for the **liquid** to be dosed **and** a gas displacement system with a micropump (2), coupled to a dosing control (7) for providing a reduced or raised pressure for the **liquid** reservoir upon operation of the micropump, for drawing **liquid** into the **storage** space or ejecting it from the **storage** space.

Inventors

SANDER DIETMAR DR

Latest standardized assignees - inventors removed

EPPENDORF

Family 80/100 - FAMPAT - ©Questel

Title

(EP-334465)

Dosage form for dispensing drug for human therapy.

Images

FIG.1

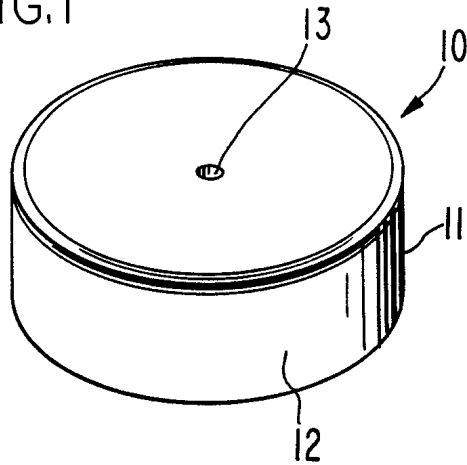


FIG.2

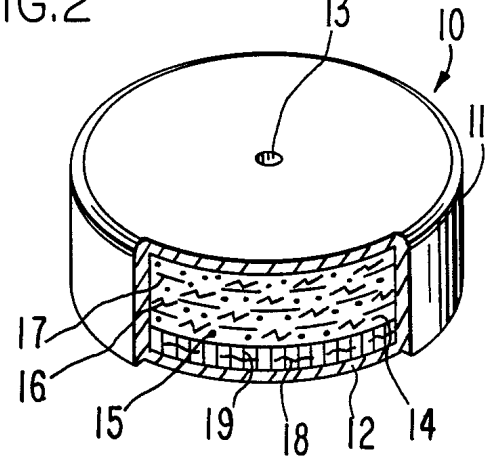


FIG.3

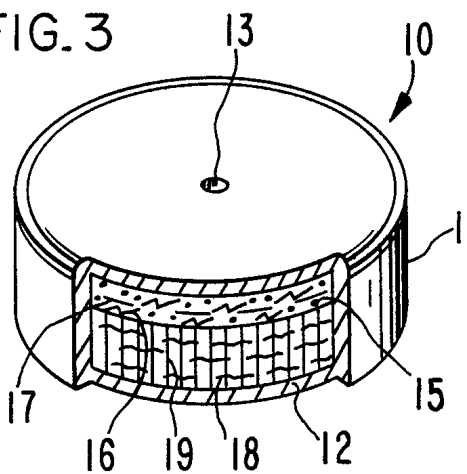


FIG.4

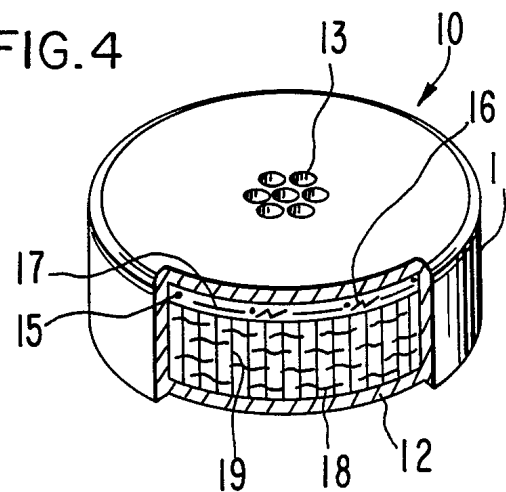


FIG.5

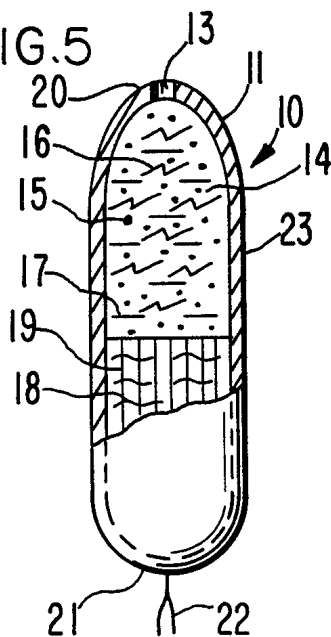


FIG.6

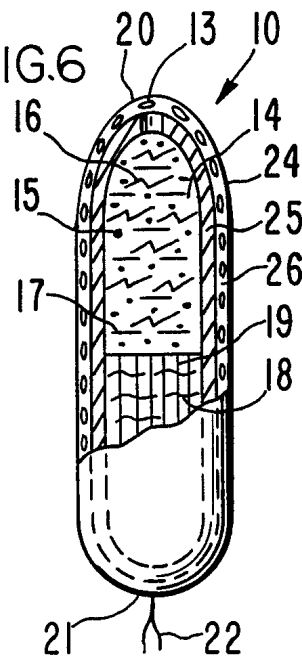
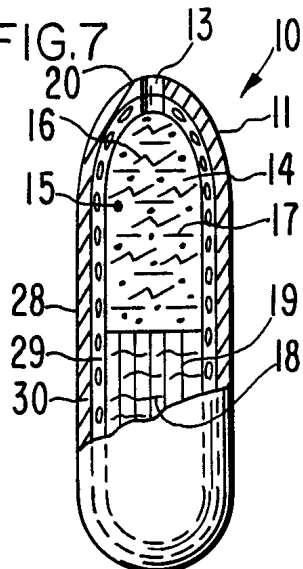


FIG.7



Publication data including kind & date

EP0334465	A1	1989-09-27	EP-334465
EP0334465	B1	1993-10-27	EP-334465
US4837111	A	1989-06-06	US4837111
DE68910159	D1	1993-12-02	DE68910159



DE68910159	T2	1994-02-17	DE68910159
JP01242528	A	1989-09-27	JP01242528
JP2729072	B2	1998-03-18	JP2729072
MX9203554	A	1992-09-01	MX9203554
DK135389	D0	1989-03-20	DK8901353
DK135389	A	1989-09-22	DK8901353
DK175637	B1	2005-01-03	DK-175637
IE890142	L	1989-09-21	IE8900142
IE62131	B1	1994-12-14	IE--62131
PT90049	A	1989-11-10	PT--90049
PT90049	B	1995-03-01	PT--90049
CA1315687	C	1993-04-06	CA1315687
AT96308	T	1993-11-15	ATE096308
ES2045400	T3	1994-01-16	ES2045400
HK1003980	A1	1998-11-13	HK1003980



Abstract

(EP0334465)

An osmotic dosage system is disclosed for delivering the therapeutically beneficial drug doxazosin to an environment of use over time.

Inventors

DETERS JOSEPH C
THEEUWES FELIX
WONG PATRICK S-L
SWANSON DAVID R
BARCLAY BRIAN A

Latest standardized assignees - inventors removed

ALZA

Family 81/100 - FAMPAT - ©Questel

Title

(EP3292757)

High alcohol content foaming compositions with silicone-based surfactants

Images

INGREDIENTS	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
Dimethicone PEG-8							1	1.5	2	1	1.5	2							1	1.5	2
Bis-PEG/PPG 18/6	1	1.5	2	1	1.5	2							1	1.5	2	1	1.5	2			
Dimethicone																					
Ethanol													55	55	55	55	55	55	55	55	55
PEG-17										1	1	1									
Dimethicone																					
Glycerine				1	1	1										1	1	1			
Isopropyl Alcohol	70	70	70	70	70	70	70	70	70	70	70	70									
n-Propyl Alcohol													10	10	10	10	10	10	10	10	10
Purified Water	29	28.5	28	28	27.5	27	29	28.5	28	28	27.5	27	34	33.5	33	33	32.5	32	34	33.5	33

Publication data including kind & date

EP3292757	A1	2018-03-14	EP3292757
EP1858323	A1	2007-11-28	EP1858323
EP1858323	A4	2013-04-17	EP1858323
EP1858323	B1	2017-11-08	EP1858323
WO2006/094387	A1	2006-09-14	WO200694387
US20140348944	A1	2014-11-27	US20140348944



US20160060416	A1	2016-03-03	US20160060416				
US20070065383	A1	2007-03-22	US20070065383				
US8309111	B2	2012-11-13	US8309111				
US20070179207	A1	2007-08-02	US20070179207				
US8263098	B2	2012-09-11	US8263098				
US20070258911	A1	2007-11-08	US20070258911				
US8313758	B2	2012-11-20	US8313758				
US20130011490	A1	2013-01-10	US20130011490				
US20130012595	A1	2013-01-10	US20130012595				
US8679516	B2	2014-03-25	US8679516				
US8685422	B2	2014-04-01	US8685422				
US20130018108	A1	2013-01-17	US20130018108				
US8691255	B2	2014-04-08	US8691255				
JP2008531740	A	2008-08-14	JP2008531740				
JP2013091673	A	2013-05-16	JP2013091673				
JP2017128599	A	2017-07-27	JP2017128599				
JP2013227332	A	2013-11-07	JP2013227332				
JP5687733	B2	2015-01-30	JP5687733				
JP2013253091	A	2013-12-19	JP2013253091				
JP5891575	B2	2016-03-04	JP5891575				
JP2016026192	A	2016-02-12	JP2016026192				
JP6199937	B2	2017-09-20	JP6199937				
NO20075064	L	2007-12-04	NO20075064				
MX2007010893	A	2008-02-25	MX2007010893				
CN101170904	A	2008-04-30	CN101170904				
NZ561741	A	2010-02-26	NZ-561741				
CN103417388	A	2013-12-04	CN103417388				
AU2006222502	A1	2006-09-14	AU2006222502				
CA2595025	A1	2006-09-14	CA2595025				
AU2006222502	B2	2010-02-11	AU2006222502				
CA2595025	C	2011-01-25	CA2595025				
IN1352/MUMNP/2007	A	2007-10-26	IN2007MN01352				
IN251677	B	2012-03-30	IN-251677				
KR20070118106	A	2007-12-13	KR20070118106				
KR101512843	B1	2015-04-16	KR101512843				
EA200701880	A1	2008-02-28	EA200701880				
EA012308	B1	2009-08-28	EA--12308				
BRPI0608347	A2	2009-12-08	BR200608347				
BRPI0608347	B1	2017-08-29	BRPI0608347				
UA89077	C2	2009-12-25	UA--89077				
KR20130072269	A	2013-07-01	KR20130072269				
KR101455554	B1	2014-10-27	KR101455554				
HK1210944	A1	2016-05-13	HK1210944				
PL1858323	T3	2018-02-28	PL1858323				

Abstract

(EP3292757)

The application discloses a method of forming a foam using a foamable alcohol composition, said composition comprising:
d) a C 1-4 alcohol **and** mixtures thereof, present in an amount of greater than about 40% v/v; e) an effective physiologically

acceptable silicone-based surface active agent, which includes a lipophilic chain containing a silicone backbone $-(R^2-Si-O)_n-$ for wetting and foaming present in an amount of at least 0.01 weight percent of the total composition; and f) water present in an amount to balance the composition to 100 weight percent; by storing said composition in a container and having a dispenser pump, activating the dispenser pump to mix the foamable alcohol composition with air under low pressure to form a low pressure containing alcohol which is dispersed from said dispenser.

Inventors

KOIVISTO BRUCE MICHAEL

FERNANDEZ DE CASTRO MARIA TERESA

MUNOZ FRANCISCO

Latest standardized assignees - inventors removed

DEB IP

Family 82/100 - FAMPAT - ©Questel

Title

(EP-772495)

Process and device for generating and metering a powdered aerosol

Images

agglomerations. It is especially for this purpose that, in the invention, the powder (8) is in direct contact with the wall of a container (6) connected to an ultrasonic source or in direct contact with the ultrasonic oscillation system **and** the powder (8) in the container (6) is whirled up by the effect of the ultrasound **and** taken up by a vehicle gas. In the relevant **device** with a powder container **and** an ultrasound converter which whirls the powder up, the container (6) has at least one inlet pipe (10) **and** an outlet pipe (12) for the vehicle gas to take up the whirled up powder (8).

Inventors

LINS GUENTER

MICHELT BERTHOLD

SEEBOECK ROBERT

VERLEGER JOBST

MOLL HELMUT

Latest standardized assignees - inventors removed

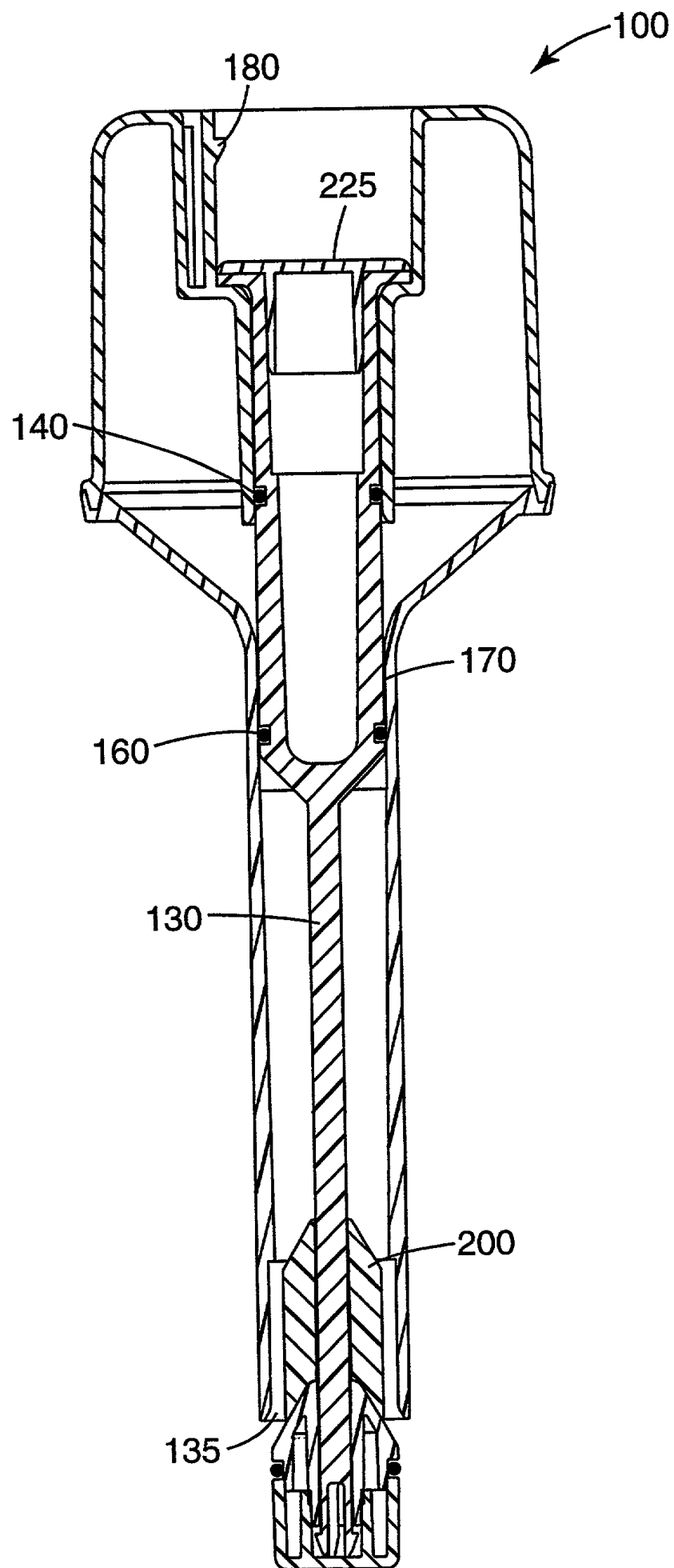
SIEMENS

Family 83/100 - FAMPAT - ©Questel

Title

(EP1472511)

Dosing **device****Images**



Publication data including kind & date

EP1472511	A1	2004-11-03	EP1472511				
WO03/067200	A1	2003-08-14	WO200367200				
US20030146246	A1	2003-08-07	US20030146246				
JP2005517171	A	2005-06-09	JP2005517171				
JP2010240649	A	2010-10-28	JP2010240649				
JP5313966	B2	2013-07-12	JP5313966				
CA2474803	A1	2003-08-14	CA2474803				
MXPA04007554	A	2004-11-10	MX2004PA007554				
AU2002346713	A1	2003-09-02	AU2002346713				
AU2002346713	B2	2008-10-30	AU2002346713				
TW200404153	A	2004-03-16	TW200404153				
TWI276783	B	2007-03-21	TWI276783				
KR20040088066	A	2004-10-15	KR20040088066				
KR101015923	B1	2011-02-23	KR101015923				
BR0215568	A	2004-12-21	BR200215568				
BRPI0215568	A1	2004-12-21	BRPI0215568				
BRPI0215568	A2	2013-12-17	BR200215568				
BR0215568	B1	2014-09-02	BR200215568				
CN1618010	A	2005-05-18	CN1618010				
CN100432634	C	2008-11-12	CN100432634C				
IN1749/CHENP/2004	A	2008-06-13	IN2004CN01749				
IN241417	B	2010-07-09	IN-241417				

Abstract

(EP1472511)

A dosing **device** is described, in which a predetermined amount of a material such as a concentrated fluid can be dispensed from the **device** by finger pressure. In one embodiment, the **device** includes a shuttle that can move between first **and** second positions. In the second position, fluid can escape from a dosing chamber.

Inventors

ARSENAULT CATHLEEN M

DYER JOHN J

MAXA STEVEN J

OLSON GARY L

Latest standardized assignees - inventors removed

3M

Family 84/100 - FAMPAT - ©Questel

Title

(EP1239905)

Storage system for medicaments in powder form **and** inhaler provided therewith**Images**

WO01/43801	A2	2001-06-21	WO200143801				
WO01/43801	A3	2001-10-25	WO200143801				
US20010027789	A1	2001-10-11	US20010027789				
US7234464	B2	2007-06-26	US7234464				
US20070215152	A1	2007-09-20	US20070215152				
US8375940	B2	2013-02-19	US8375940				
US20130047986	A1	2013-02-28	US20130047986				
US8820321	B2	2014-09-02	US8820321				
DE19961300	A1	2001-06-21	DE19961300				
DE50015812	D1	2010-01-14	DE50015812				
JP2003516823	A	2003-05-20	JP2003516823				
RU2002119553	A	2004-01-20	RU2002119553				
RU2240835	C2	2004-11-27	RU2240835				
AR026978	A1	2003-03-05	AR--26978				
MXPA02006046	A	2003-09-25	MX2002PA006046				
NZ519934	A	2004-07-30	NZ-519934				
CA2327973	A1	2001-06-18	CA2327973				
CA2327973	C	2008-04-22	CA2327973				
AU3009901	A	2001-06-25	AU200130099				
AU773205	B2	2004-05-20	AU-773205				
NO20022850	D0	2002-06-14	NO200202850				
NO20022850	L	2002-08-15	NO20022850				
NO335071	B1	2014-09-01	NO-335071				
KR20020062972	A	2002-07-31	KR20020062972				
KR100474448	B1	2005-03-10	KR100474448				
BR0016496	A	2002-08-27	BR200016496				
BRPI0016496	A1	2002-08-27	BRPI0016496				
BRPI0016496	A2	2010-02-02	BR200016496				
BR0016496	B1	2012-01-24	BR200016496				
CZ20022025	A3	2002-09-11	CZ200202025				
CZ300032	B6	2009-01-14	CZ-300032				
ZA200204878	B	2002-09-16	ZA200204878				
IL150171	A	2002-12-01	IL-150171				
IL150171	B	2007-03-08	IL-150171				
SK8362002	A3	2003-01-09	SK200200836				
SK287302	B6	2010-06-07	SK-287302				
TW522026	B	2003-03-01	TW-522026				
HU0203500	A2	2003-03-28	HU200203500				
HU226404	B1	2008-11-28	HU-226404				
CN1433332	A	2003-07-30	CN1433332				
CN1217714	C	2005-09-07	CN1217714C				
PL355710	A1	2004-05-17	PL2000355710				
PL205118	B1	2010-03-31	PL-205118				
HRP20020591	A2	2004-08-31	HRP20020591				
HRP20020591	B1	2012-04-30	HRP20020591				
UA72303	C2	2005-02-15	UA--72303				
HK1055913	A1	2006-01-13	HK1055913				
IN0776/KOLNP/2002	A	2006-04-07	IN2002KN00776				

IN205861	B	2007-04-13	IN-205861
AT450284	T	2009-12-15	ATE450284
PT1239905	E	2010-03-01	PT1239905
DK1239905	T3	2010-04-19	DK1239905T
ES2337230	T3	2010-04-22	ES2337230
SI1239905	T1	2010-07-30	SI1239905T



Abstract

(EP1239905)

The aim of the invention is to improve the application of powdery medicaments. A **storage** system, especially for the use in or the integration into a powder inhaler, for medicaments in powder form **and** for receiving a plurality of doses of a least one medically effective matter is provided. The inventive system comprises at least two **storage** chambers (4) that are separated from each other **and** are used for a plurality of doses of a medically effective matter respectively. The invention also relates to an inhaler for powdery medicaments. Said inhaler comprises such a cartridge system (1), whereby said cartridge contains the powdery medicament **and** is an integral component or can be exchanged.

Inventors

GOEDE JOACHIM

LANGE KARL-HEINZ

Latest standardized assignees - inventors removed

ASTRAZENECA

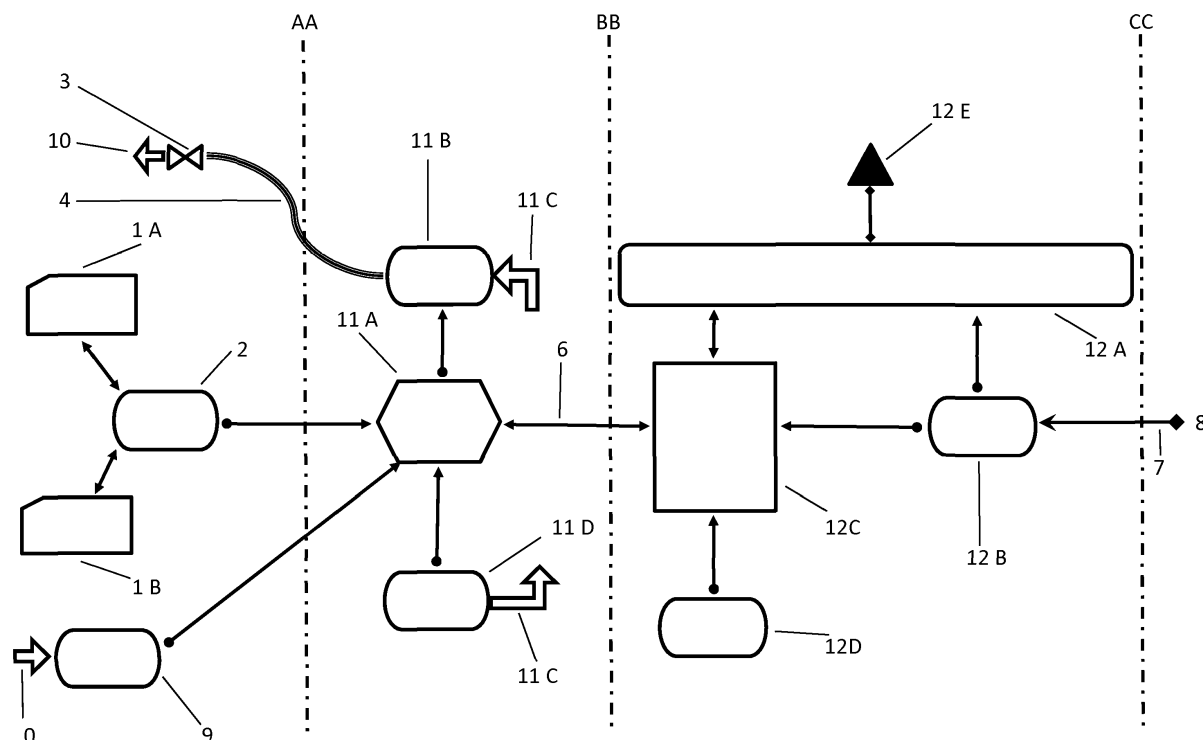
Family 85/100 - FAMPAT - ©Questel

Title

(GB2489528)

An automated **liquid** reagent dispensing system

Images



Publication data including kind & date

GB201105589	D0	2011-05-18	GB201105589
GB2489528	A	2012-10-03	GB2489528



Abstract

(GB201105589)

An automated **liquid** reagent dispensing system designed to accurately dose a fluid **storage** vessel 10 used by an internal

combustion engine. Computer12A with installed software programs is activated by a trigger event caused by an independent filler cap sensor 2 and uses fluid level sensor 9 to measure an increase in level in the fluid storage vessel 10 to accurately calculate the required dose and deliver it by pump 11B from reagent reservoir11C. The reagent reservoir contains a level switch 11D that will trigger a low level alarm that is communicated to an operator via wireless technology 12D. The reagent dispensing system may be powered by an AC or DC electric power source 8 through the power controller 12B. Moisture sensitive components may be contained in a single (AA to CC) or in multiple (AA to BB & BB to CC) water and dust proof housings.

Inventors

LOCKE KATHRYN JANE

LOCKE LINDSAY PHOENIX

Latest standardized assignees - inventors removed

WOODLAND GUARDIANS

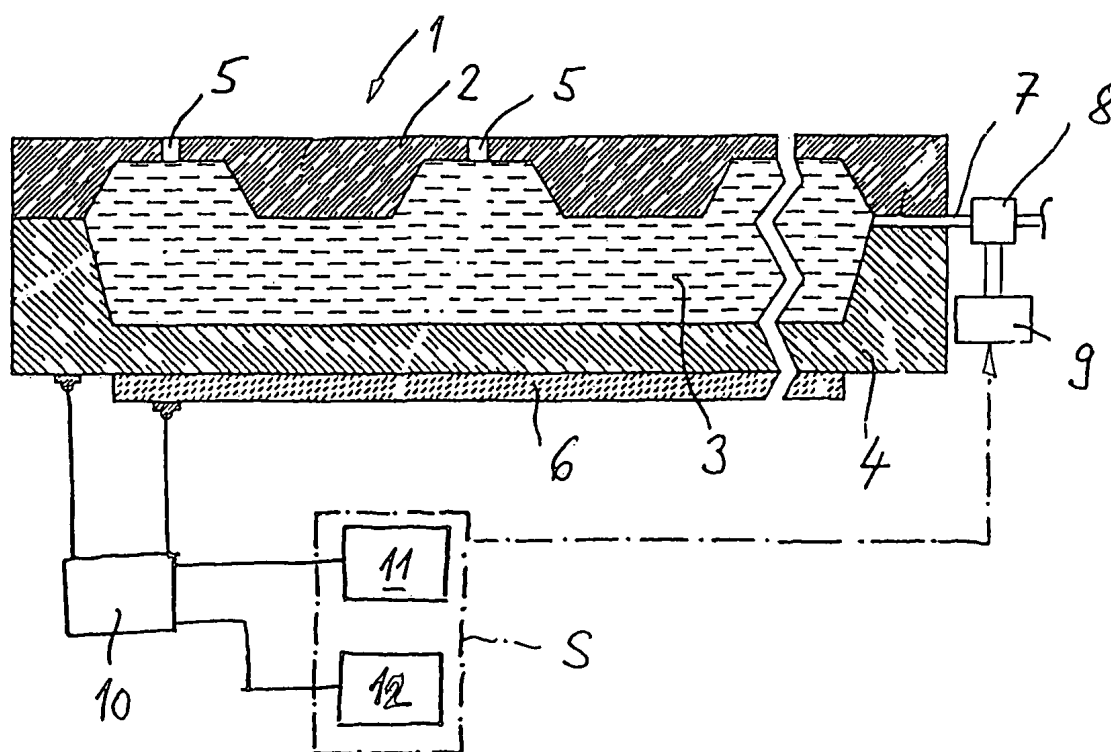
Family 86/100 - FAMPAT - ©Questel

Title

(EP1447110)

Micro dosing device

Images



Publication data including kind & date

EP1447110	A1	2004-08-18	EP1447110
EP1447110	B1	2007-11-21	EP1447110
US20040195352	A1	2004-10-07	US20040195352
US8113204	B2	2012-02-14	US8113204
DE10306683	A1	2004-09-09	DE10306683
DE502004005544	D1	2008-01-03	DE502004005544
JP2004243115	A	2004-09-02	JP2004243115
JP4481670	B2	2010-03-26	JP4481670



Abstract

(EP1447110)

The micro dosing unit, to deliver small volumes of a fluid, has a dosing zone (3) to hold a fluid volume at least at times. It has an outflow opening (5) **and** a vibration unit (6) to act on at least one surface of the dosing zone, to force the fluid out by vibration. The micro dosing unit, to deliver small volumes of a fluid, has a dosing zone (3) to hold a fluid volume at least at times. It has an outflow opening (5) **and** a vibration unit (6) to act on at least one surface of the dosing zone, to force the fluid out by vibration. A unit (12) activates the vibrator at the dosing times. A drying function unit (11) is activated separately from the dosing times, to clear the dosing zone of any remaining fluid. The units to activate the vibrator for dosage **and** drying are part of a common electronic control (S), with a timer to activate the vibrator in the two modes. The membrane (2) is of plastics, metal or silicon.

Inventors

KOERNER JOACHIM

HELMINGER MICHAEL

SCHUERLE HOLGER

BOMMER RENE DR

Latest standardized assignees - inventors removed

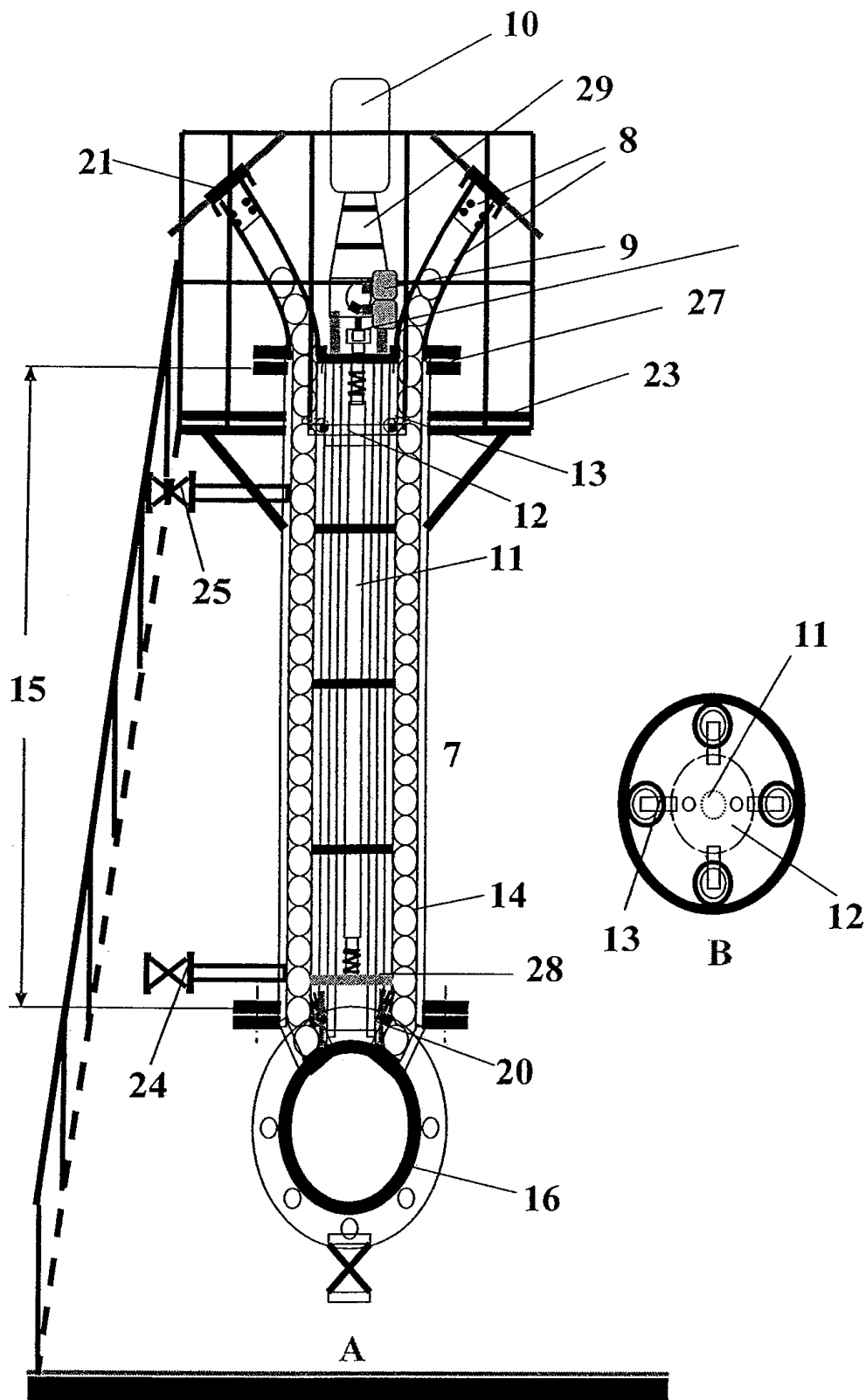
APTAR RADOLFZELL

Family 87/100 - FAMPAT - ©Questel

Title

(WO200868626)

Dosing **device and** procedure for plugging branches in fluid transport conduits based on said equipment**Images**



Publication data including kind & date

WO2008/068626	A2	2008-06-12	WO200868626
WO2008/068626	A3	2008-08-14	WO200868626
US20110146826	A1	2011-06-23	US20110146826
RU2009125639	A	2011-01-20	RU2009125639
RU2476757	C2	2013-02-27	RU2476757
CO5930087	A1	2008-06-27	CO5930087A1
ECSP099491	A	2009-08-28	EC200909491
IN4393/DELNP/2009	A	2009-11-13	IN2009DN04393
MX2009005997	A	2010-03-03	MX2009005997



Abstract

(WO2008/068626)

The present invention relates to a **device and** a process for reducing losses of fluid in transport conduits, caused by the installation of branches connected directly to conduits. The process comprises injecting in the current of the fluid geometric elements of diverse materials **and** forms, in particular spheres, with densities similar to that of the fluid, by means of a special **doser**; the circulation of said elements through the fluid, **and** because of hydraulic effects, the obstruction of the branches preventing or hindering extraction of the product; **and** recovery of the geometric elements at the end of the conduit by using a filter as a trap.

Inventors

AFANADOR REY EDELMIRA

SANTOS CASTANEDA GERARDO

LEAL DIAZ GONZALO

LATORRE CORTES GUILLERMO

ORDONEZ LOZANO HECTOR DANILO

GUZMAN MEJIA JAIRO HUMBERTO

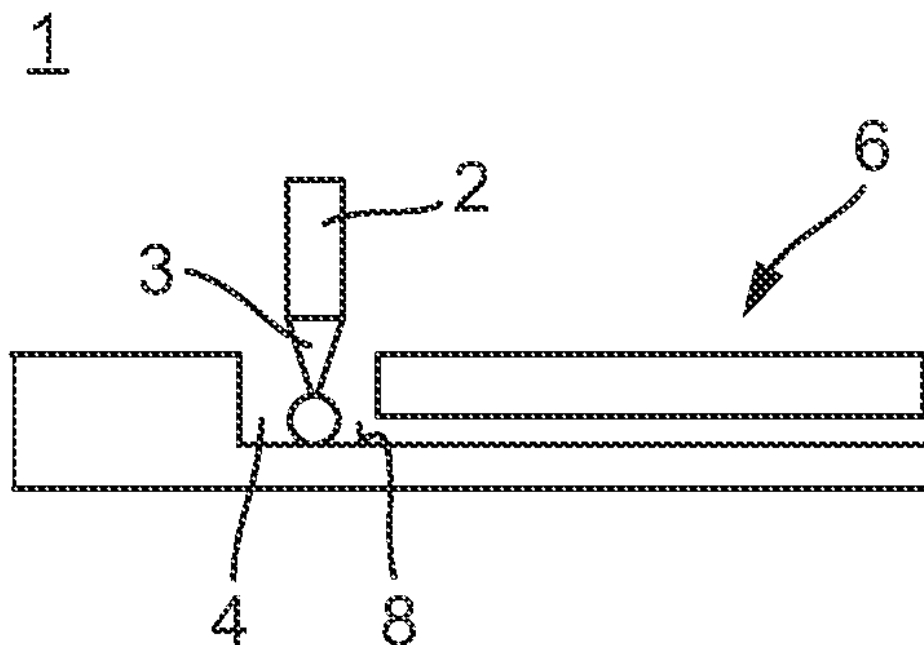
Latest standardized assignees - inventors removed

ECOPETROL

Family 88/100 - FAMPAT - ©Questel

Title

(EP2163901)

Method **and** metering **device** for metering a fluid into a receptacle channel of a testing element for bodily fluid analysis**Images****Publication data including kind & date**

EP2163901	A1	2010-03-17	EP2163901
EP2163902	A1	2010-03-17	EP2163902
EP2163902	B1	2012-12-26	EP2163902



US20100151586	A1	2010-06-17	US20100151586				
US8043582	B2	2011-10-25	US8043582				
JP2010066265	A	2010-03-25	JP2010066265				
JP5377180	B2	2013-10-04	JP5377180				
CA2676751	A1	2010-03-10	CA2676751				
CN101672844	A	2010-03-17	CN101672844				
CN101672844	B	2014-05-07	CN101672844B				

Abstract

(EP2163901)

The method involves operating a movement **device** such that a dosing pipe (2) is moved from an idle position into a working position. A **liquid** control **device** is operated such that a defined **liquid** quantity is proportionally delivered from a dosing chamber through the pipe into a receiving channel (4) of a test element (6). A tip (3) of the pipe in the working position is converged into the channel such that a **liquid** bridge is formed between the tip **and** the channel during the delivery. A portion of the **liquid** is used by suction force in the channel at end of the **liquid** delivery. An independent claim is also included for a dosing **device** for dosing **liquid** into a receiving channel of a test element for analysis of body fluids.

Inventors

BAUER ANDREAS

DEGENHARDT VOLKER

Latest standardized assignees - inventors removed

ROCHE DIAGNOSTICS

HOFFMANN LA ROCHE

Family 89/100 - FAMPAT - ©Questel

Title

(EP-865302)

Inhalator designed to provide multiple doses of a dry pharmacological powder

Images

AU718682	B2	2000-04-20	AU-718682
AT193455	T	2000-06-15	ATE193455
DK0865302	T3	2000-10-02	DK-865302T
ES2148812	T3	2000-10-16	ES2148812
GR3034282	T3	2000-12-29	GR3034282
AT261324	T	2004-03-15	ATE261324
PT995457	E	2004-07-30	PT-995457
DK0995457	T3	2004-08-16	DK-995457T
ES2216418	T3	2004-10-16	ES2216418



Abstract

(EP0865302)

The inhalator proposed has a casing (100, 150) to which is fitted a special mouthpiece (900) covered by a removable protective cap (950). Disposed inside the casing are a slide valve guide rail (200), a metering slide valve (300), a closure (400), a slide (500), a funnel (600), a counter (700), a valve cover (800) **and** a valve guide (850). When the protective cap (950) is pulled off, the metering of the powder is triggered **and** a dose held in the dose cavity is conveyed by the metering slide valve (300) to the mouthpiece (900). Only when a given minimum inhalation intensity is produced is the closure (400) displaced by the aspirated valve cover (800), thus releasing the dose so that it can be inhaled. When the inhalator is used with an electronic module **and** a controllable nozzle, all data relevant to the inhalation can be determined **and** the flow conditions controlled.

Inventors

KELLER MANFRED

EGGIMANN THOMAS

Latest standardized assignees - inventors removed

JAGOTEC

RTP PHARMA

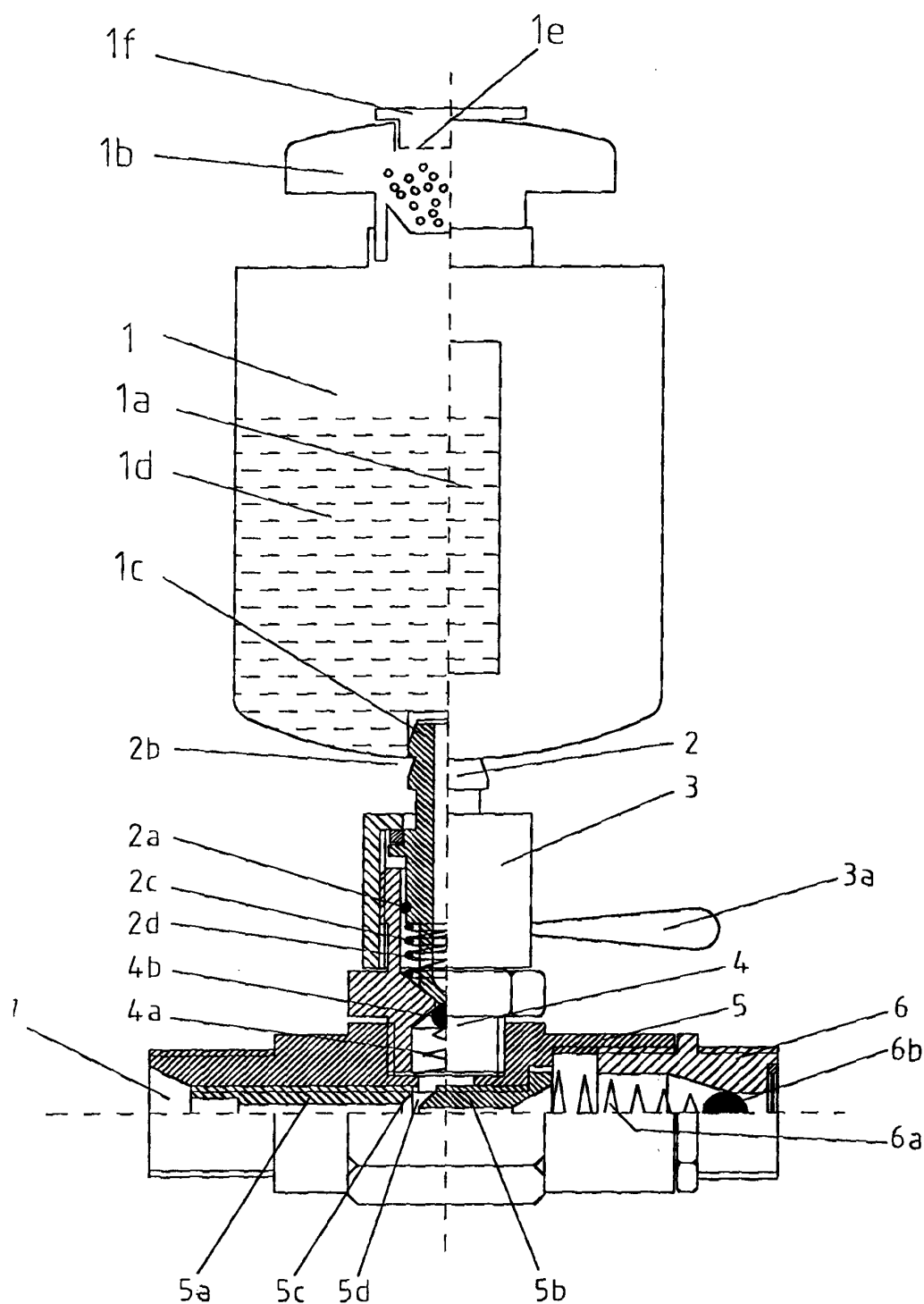
Family 90/100 - FAMPAT - ©Questel

Title

(WO9929971)

Automatic dosing **device** for daily human hygienic-disinfecting products

Images



Publication data including kind & date

WO99/29971	A1	1999-06-17	WO9929971
AU1235499	A	1999-06-28	AU9912354
ES2137882	A1	1999-12-16	ES2137882
ES2137882	B1	2000-08-16	ES2137882



Abstract

(WO99/29971)

The automatic dosing **device** for daily human hygienic-disinfecting products relies on a venturi-type **device and** comprises a **storage** tank (1) for the **liquid** (1d) used as soap or disinfectant, which is built into the water installations of urinals, toilet bowls, washbasins, showers, bathtubs, bidets, cisterns (8), etc. or the like, in such a way that it automatically dosifies said **liquid** by means of a lever (3a), allowing said **liquid** to flow through the outlet (7) into the water installation depending on

individual requirements. The mechanism comprises a reservoir (1) for the hygienic-disinfecting liquid and a series of assembled parts, consisting of a plunger (2), a liquid regulating member (3), a backflow preventer mechanism (4), a valve body in which the venturi effect occurs (5) and an inlet antireturn fitting (6).

Inventors

ALONSO FULLOLA FRANCISCO

Family 91/100 - FAMPAT - ©Questel

Title

(EP2227981)

Applicator bottle

Images

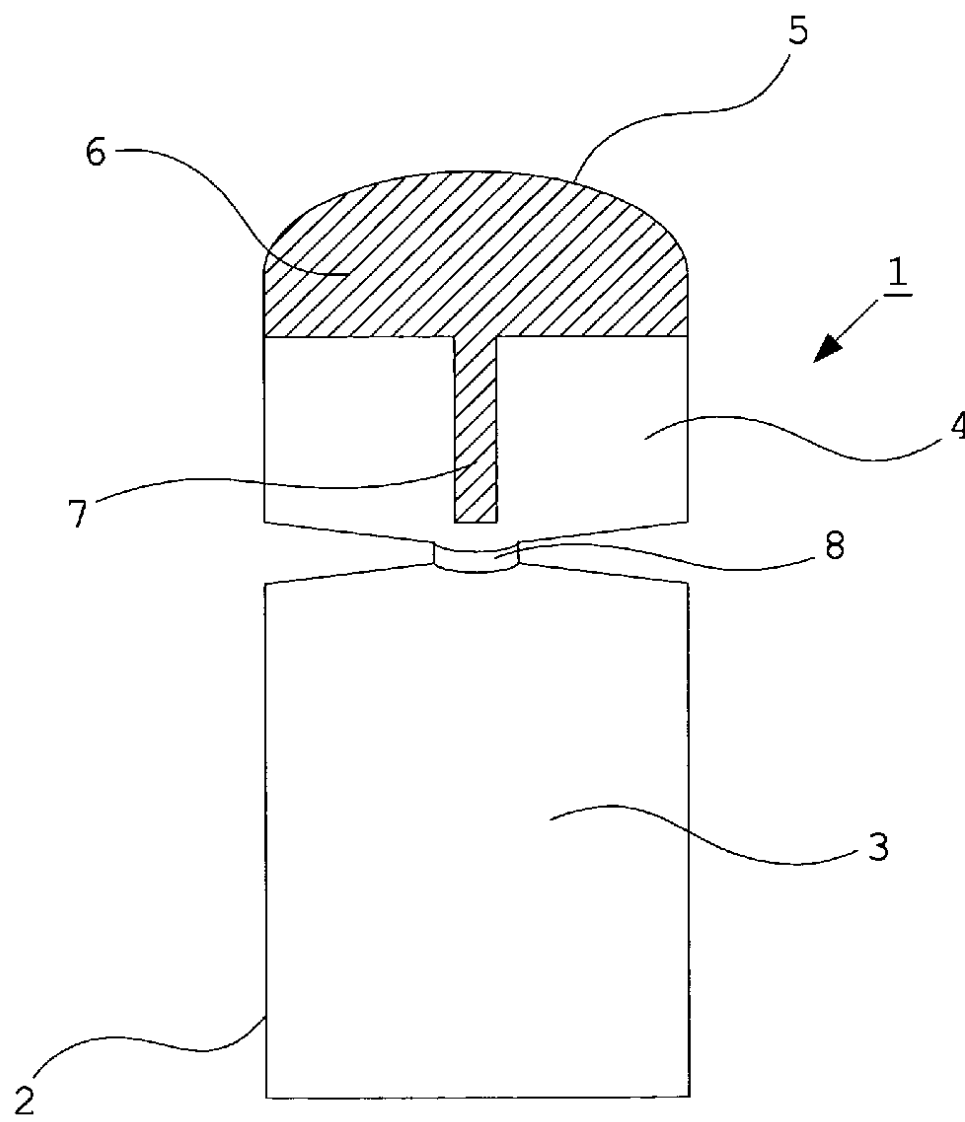


Fig. 1

Publication data including kind & date

EP2227981	A1	2010-09-15	EP2227981
DE102008027844	A1	2010-05-06	DE102008027844
DE202009001952	U1	2009-07-30	DE202009001952



Abstract

(EP2227981)

The bottle (1) has a bottle body (2) enclosed with a sieve-like application surface (5), which stays in contact with a porous liquid storage (6) i.e. sponge. The bottle body is divided into a storage section (3) for holding of anti-transpirants and anti-perspirants, and a dosing section (4) for soaking the liquid storage, where the dosing section encloses the storage. The

dosing section **and** the **storage** section communicate with each other over a valve (8). A wick (7) is attached to the **storage** for supplying the anti-transpirants **and** anti-perspirants from the body into the **storage**.

Inventors

BARTH MARION

Latest standardized assignees - inventors removed

BARTH MARION

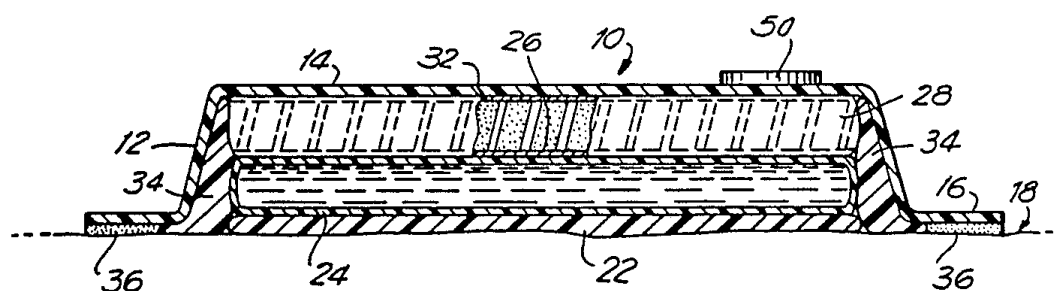
Family 92/100 - FAMPAT - ©Questel

Title

(EP-197937)

Transdermal drug applicator.

Images



Publication data including kind & date

EP0197937	A1	1986-10-22	EP-197937
EP0178601	A2	1986-04-23	EP-178601
EP0178601	A3	1987-08-19	EP-178601
EP0178601	B1	1993-08-11	EP-178601
EP0513879	A2	1992-11-19	EP-513879
EP0513879	A3	1995-02-22	EP-513879
EP0513879	B1	1998-07-22	EP-513879
WO86/02277	A1	1986-04-24	WO8602277
US4713050	A	1987-12-15	US4713050
DE3587518	D1	1993-09-16	DE3587518
DE3587518	T2	1993-12-02	DE3587518
DE3588190	D1	1998-08-27	DE3588190
DE3588190	T2	1999-02-04	DE3588190
JPS61100264	A	1986-05-19	JP61100264
JP1828721	C	1994-03-15	JP1828721
IT8547685	D0	1985-02-14	IT8547685
IT1186798	B	1987-12-16	IT1186798
AU3935285	A	1986-05-02	AU8539352
AU580585	B2	1989-01-19	AU-580585
KR19860003029	A	1986-05-19	KR19860003029
KR940000071	B1	1994-01-05	KR940000071
CA1226777	A	1987-09-15	CA1226777
MX161423	A	1990-09-24	MX-161423
AR241261	A1	1992-04-30	AR-241261
AT92775	T	1993-08-15	ATE092775
AT168570	T	1998-08-15	ATE168570



Abstract

(EP0197937)

A transdermal drug applicator (10) for application to a body for the migration of medicament through the skin into the blood stream of a patient embodies a plurality of reservoirs (140) for containing the medicament and a battery (132) for supplying a charge for the medicament in said applicator being disposed adjacent one side of the reservoirs with a side of the battery facing the reservoirs for charging the medicament. Also, a covering (12) comprising an electrically conductive material which partially encloses the battery and the reservoirs leaves the side of the reservoirs opposite that of the battery exposed for contacting the skin. Structure is further provided for electrically connecting the battery to the cover and the cover has a lip (16) defining the periphery of the applicator for making contact with the skin when mounted on the skin leaving the battery and reservoirs generally fully enclosed. An electrically conductive adhesive material coating (36) is disposed on the underside of the lip, said reservoirs render the applicator conformable to the body contours of the patient, and when the applicator is adhered to and mounted on the skin a complete electrical circuit through the skin is formed and the medicament in the reservoirs migrate out of the reservoirs and through the skin into the patient's blood stream.

Inventors

SIBALIS DAN

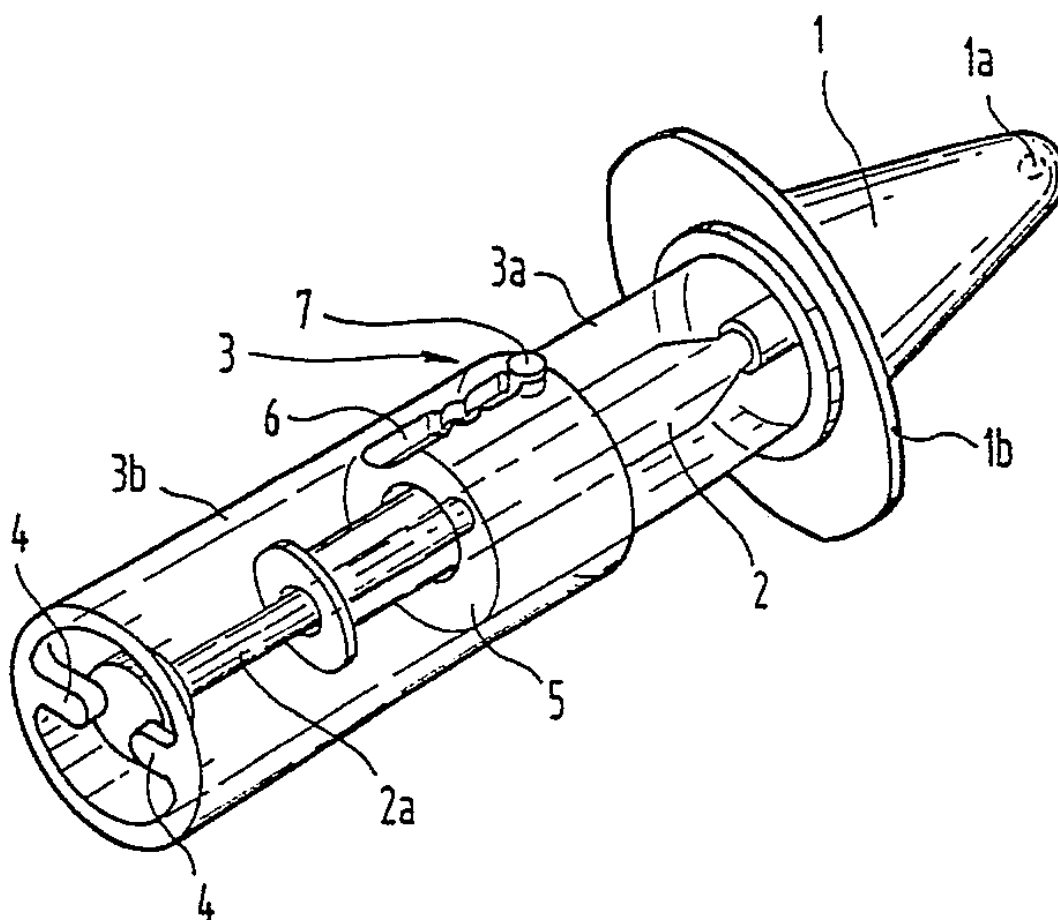
Latest standardized assignees - inventors removed

DRUG DELIVERY SYSTEMS

Family 93/100 - FAMPAT - ©Questel

Title

(EP-334349)

Device for the dosed application of a liquid drug**Images****Fig. 1**

Publication data including kind & date

EP0334349	A1	1989-09-27	EP-334349
EP0334349	B1	1992-02-19	EP-334349
US4962868	A	1990-10-16	US4962868
DE3810262	A1	1989-10-12	DE3810262
DE3810262	C2	1991-04-25	DE3810262
DE58900829	D1	1992-03-26	DE58900829
JPH0211158	A	1990-01-16	JP02011158
AT72630	T	1992-03-15	ATE072630
ES2030930	T3	1992-11-16	ES2030930
GR3003848	T3	1993-03-16	GR3003848

**Abstract**

(EP0334349)

A **device** is proposed for a single dose of a **liquid** drug which is to be administered in portions, which has a discharge head (1) with a discharge nozzle (1a) which is sealingly connected to the needle end of an injection syringe (2), this injection syringe (2) having a retracted syringe piston (2a) **and** being arranged, filled, in a tube (3) which is connected to the discharge head (1). The use of the standard mass-produced injection syringe in connection with the other elements of the **device** makes it possible to provide a reliable, economically priced disposable spraying **device**.

Inventors

BORCHARD, HANS-JUERGEN

Latest standardized assignees - inventors removed

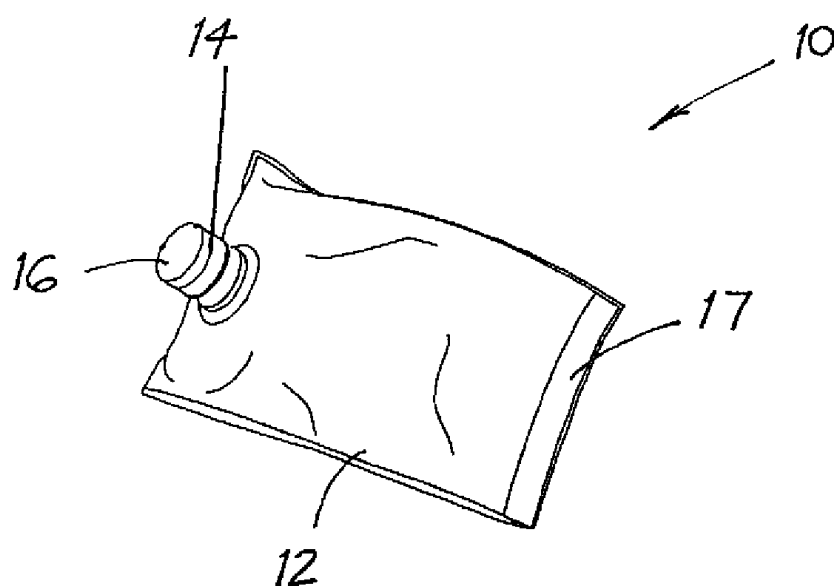
HENNING BERLIN

Family 94/100 - FAMPAT - ©Questel

Title

(EP2155572)

Liquid dispensing apparatus**Images**



Publication data including kind & date

EP2155572	A1	2010-02-24	EP2155572				
EP2155572	A4	2011-03-23	EP2155572				
EP2155572	B1	2012-02-29	EP2155572				
WO2008/134793	A1	2008-11-13	WO2008134793				
US20100108717	A1	2010-05-06	US20100108717				
US8550301	B2	2013-10-08	US8550301				
JP2010525997	A	2010-07-29	JP2010525997				
JP5489985	B2	2014-03-07	JP5489985				
RU2009141170	A	2011-06-20	RU2009141170				
RU2451633	C2	2012-05-27	RU2451633				
CA2685583	A1	2008-11-13	CA2685583				
MX2009012051	A	2010-02-09	MX2009012051				
CN101284639	A	2008-10-15	CN101284639				
CN101284639	B	2013-02-06	CN101284639B				
AU2008247299	A1	2008-11-13	AU2008247299				
AU2008247299	B2	2013-08-01	AU2008247299				
KR20100017590	A	2010-02-16	KR20100017590				
KR101533855	B1	2015-07-06	KR101533855				
AT547339	T	2012-03-15	ATE547339				
DK2155572	T3	2012-05-29	DK2155572T				

Abstract

(EP2155572)

This disclosure relates to a **liquid** dispensing apparatus for dispensing a **liquid** from a flexible bag. The apparatus has a support for supporting the flexible bag in use **and** a mounting adapted for receiving a proximal portion of the flexible bag, for progressive movement relative to the support towards an outlet located at a distal portion of the flexible bag. As the flexible

bag is progressively wound up, liquid is squeezed from the proximal portion to the distal portion to dispense liquid from the outlet in a controlled manner in use. This allows desired and precise dosage portions of liquid to be squeezed from the bag and direct dosing from the flexible bag amongst other advantages.

Inventors

SZYMANSKI MAREK

Family 95/100 - FAMPAT - ©Questel

Title

(EP1711276)

A metering pump system

Images

AU2005210216	A1	2005-08-18	AU2005210216				
CA2555298	A1	2005-08-18	CA2555298				
IN2123/KOLNP/2006	A	2007-05-18	IN2006KN02123				
BRPI0507396	A	2007-07-10	BR200507396				
BRPI0507396	A1	2007-07-10	BRPI0507396				
BRPI0507396	A2	2013-04-02	BR200507396				
CN1933917	A	2007-03-21	CN1933917				
CN100594071	C	2010-03-17	CN100594071C				
ZA200606463	B	2008-02-27	ZA200606463				

Abstract

(EP1711276)

A metering pump system for metering **and** pumping a metered volume of a fluid product (2) has a **storage** chamber (57) for storing the fluid product in; a metering chamber (73) which is movable between a contracted state **and** an expanded state, the system adapted such that movement of the metering chamber from its contracted state to its expanded state results in the metering chamber being placed in fluid communication with the **storage** chamber to enable the metering chamber to receive an excess volume of the fluid product comprising the metered volume **and** a surplus volume from the **storage** chamber **and** movement of the metering chamber from its expanded state to its contracted state causes the metered volume to be pumped from the metering chamber; a bleed mechanism (55a, 55b) for bleeding the surplus volume from the metering chamber as it moves from the expanded state to the contracted state; **and** an inlet valve mechanism (150) which is disposed between the **storage and** metering chambers **and** movable between an open state, to permit flow of the fluid product from the **storage** chamber to the metering chamber through the inlet valve mechanism, **and** a closed state, to prevent flow of the fluid product between the **storage and** metering chambers through the inlet valve mechanism. The inlet valve mechanism is adapted so that it remains in its closed state except when the metering chamber moves from the contracted state to its expanded state.

Inventors

BONNEY STANLEY GEORGE

RAND PAUL KENNETH

Latest standardized assignees - inventors removed

GLAXOSMITHKLINE

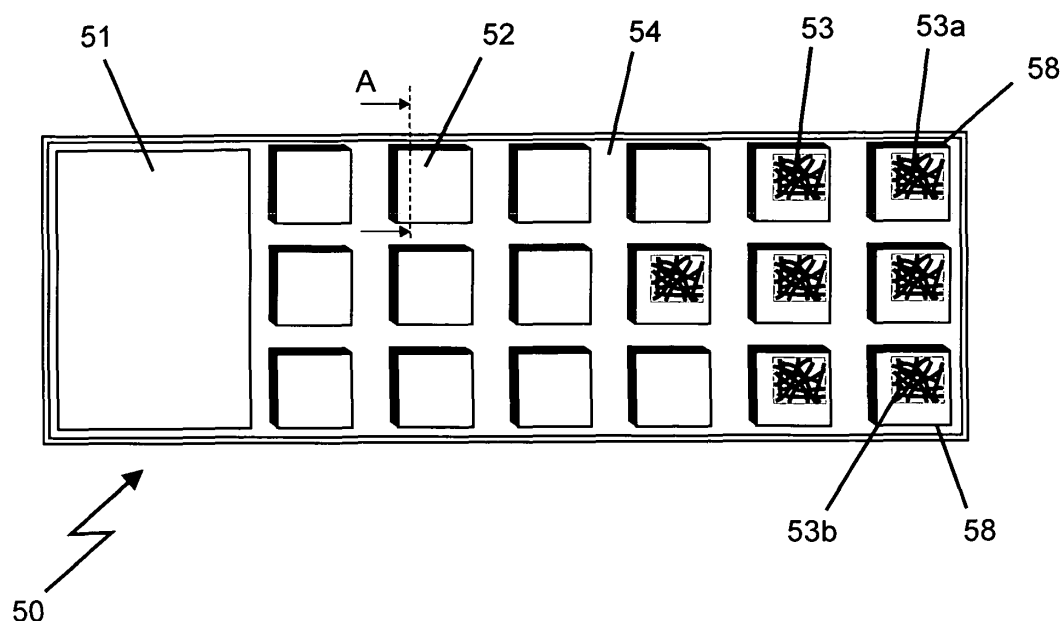
Family 96/100 - FAMPAT - ©Questel

Title

(EP2269028)

Dispensing head

Images



Publication data including kind & date

EP2269028	A2	2011-01-05	EP2269028
EP2269028	B1	2015-06-10	EP2269028
WO2009/127394	A2	2009-10-22	WO2009127394
WO2009/127394	A3	2010-01-07	WO2009127394
US20110143393	A1	2011-06-16	US20110143393
DE102008018982	A1	2009-11-05	DE102008018982
ES2548585	T3	2015-10-19	ES2548585



Abstract

(EP2269028)

The invention relates to an automatic **device** 10 for dosing reagents onto a plurality of microscope slides 50, comprising retaining devices for a plurality of microscope slides 50 that contain a plurality of recesses 52 offset from one another, said recesses being suitable for receiving cell or tissue samples 53, a dosing head 30 having a plurality of **storage** containers 31 suitable for receiving **liquid** reagents, **and** having a dosing valve 33 for dosing **and** applying the reagents onto the recesses 52 on the end/side facing the recesses 52, **and** a positioning **device** 14 for positioning the **storage** containers 31 of the dosing head 30 over the respective recesses 52 of the microscope slides 50.

Inventors

MERZ HARTMUT

VAN DER WOLK KAY

Family 97/100 - FAMPAT - ©Questel

Title

(EP2502853)

Metering **device**

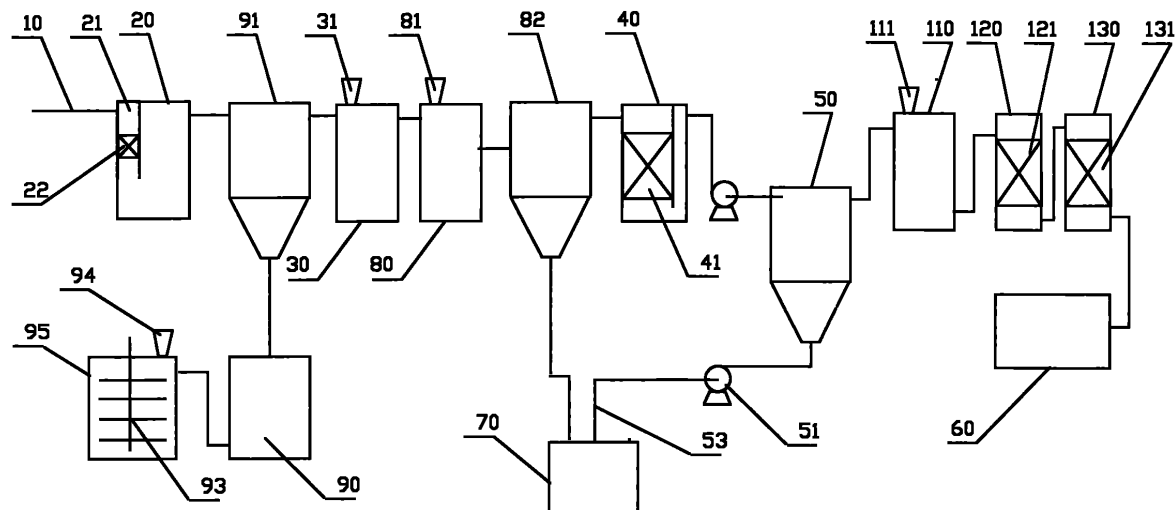
Images

Family 98/100 - FAMPAT - ©Questel

Title

(CN101591109)

High concentration **medical** waste water purification **and** recovery treatment system mainly based on flocculation **and** contact oxidation

Images**Publication data including kind & date**

CN101591109

A

2009-12-02

CN101591109

**Abstract**

(CN101591109)

The invention relates to a high concentration **medical** waste water purification **and** recovery treatment system by flocculation **and** contact oxidation mainly, comprising a closed type collecting tank, a closed type primary sedimentation tank, a closed type sludge holding tank, a closed type sludge disinfection tank, a closed type sewage sterilization tank, a coagulation tank, a coagulation sedimentation tank, an aerobic biomembrane treatment tank, a secondary sedimentation tank, a secondary disinfection tank, a rough filtering tank **and** a refined filtering tank; wherein the connection pipeline among the closed type collecting tank, the closed type primary sedimentation tank, the closed type sludge holding tank, the closed type sludge disinfection tank **and** the closed type sewage sterilization tank is in closed type; the coagulation tank is provided with a stirring mechanism **and** is provided with a coagulant quantitative feeding **device** at the top part; the coagulation sedimentation tank is provided with a drain outlet at the bottom; the aerobic biomembrane treatment tank is internally provided with a fixed packed bed; the rough filtering tank is internally provided with a fixed sand filter bed; **and** the refined filtering tank is internally provided with a superfine fiber filtering module. The invention has good biological safety, high purification efficiency, convenient operation **and** maintenance **and** high purification degree; **and** the output water can be reused.

Inventors

DONG YUBO

Latest standardized assignees - inventors removed

BEIJING JINAOHUARONG TECHNOLOGIES

Family 99/100 - FAMPAT - ©Questel

Title

(EP-739654)

Sprayer, in particular pocket sprayer

Images

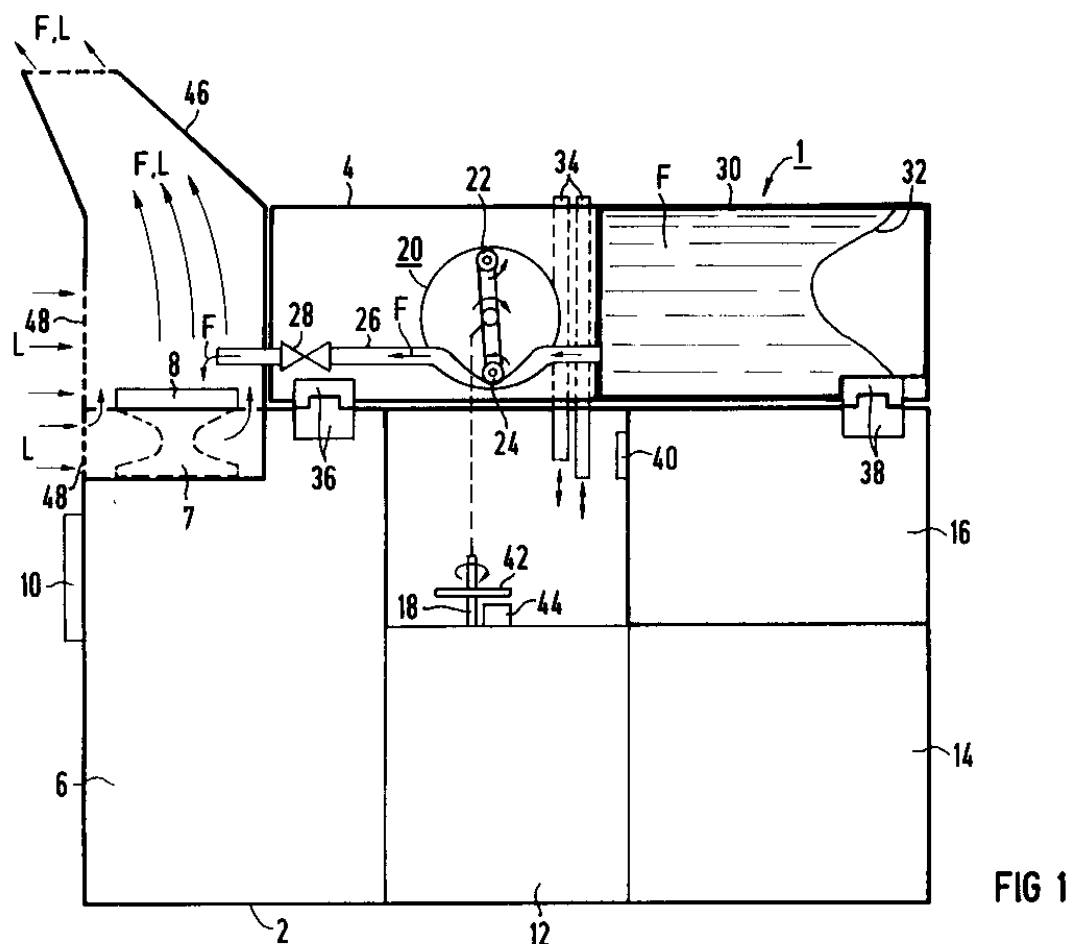


FIG 1

Publication data including kind & date

EP0739654	A2	1996-10-30	EP-739654
EP0739654	A3	1997-01-02	EP-739654
EP0569611	A1	1993-11-18	EP-569611
EP0569611	B1	1997-07-23	EP-569611
DE59208726	D1	1997-08-28	DE59208726
AT155715	T	1997-08-15	ATE155715

**Abstract**

(EP0739654)

Pocket-sized fluid atomiser and spraying device for medicines

The device has a housing (2) with a top (4). It comprises a container (30) for the fluid (F), and an ultrasound atomiser (6). It also has an electrical current supply (14), a feed device for the fluid, and a trigger element (10).

The device to feed the fluid to the atomiser has a pressurised drive source e.g. a pump. This transports a preset fluid volume independent of the force and length of the effect on the trigger. When the appliance is switched off, the pump seals the fluid relative to the air. It contains a control device, to monitor the fluid volume.

Inventors

VAN DER LINDEN KLAUS

Latest standardized assignees - inventors removed

SIEMENS

Family 100/100 - FAMPAT - ©Questel

Title

(EP2848577)

Device for dosing a product into a container

Images

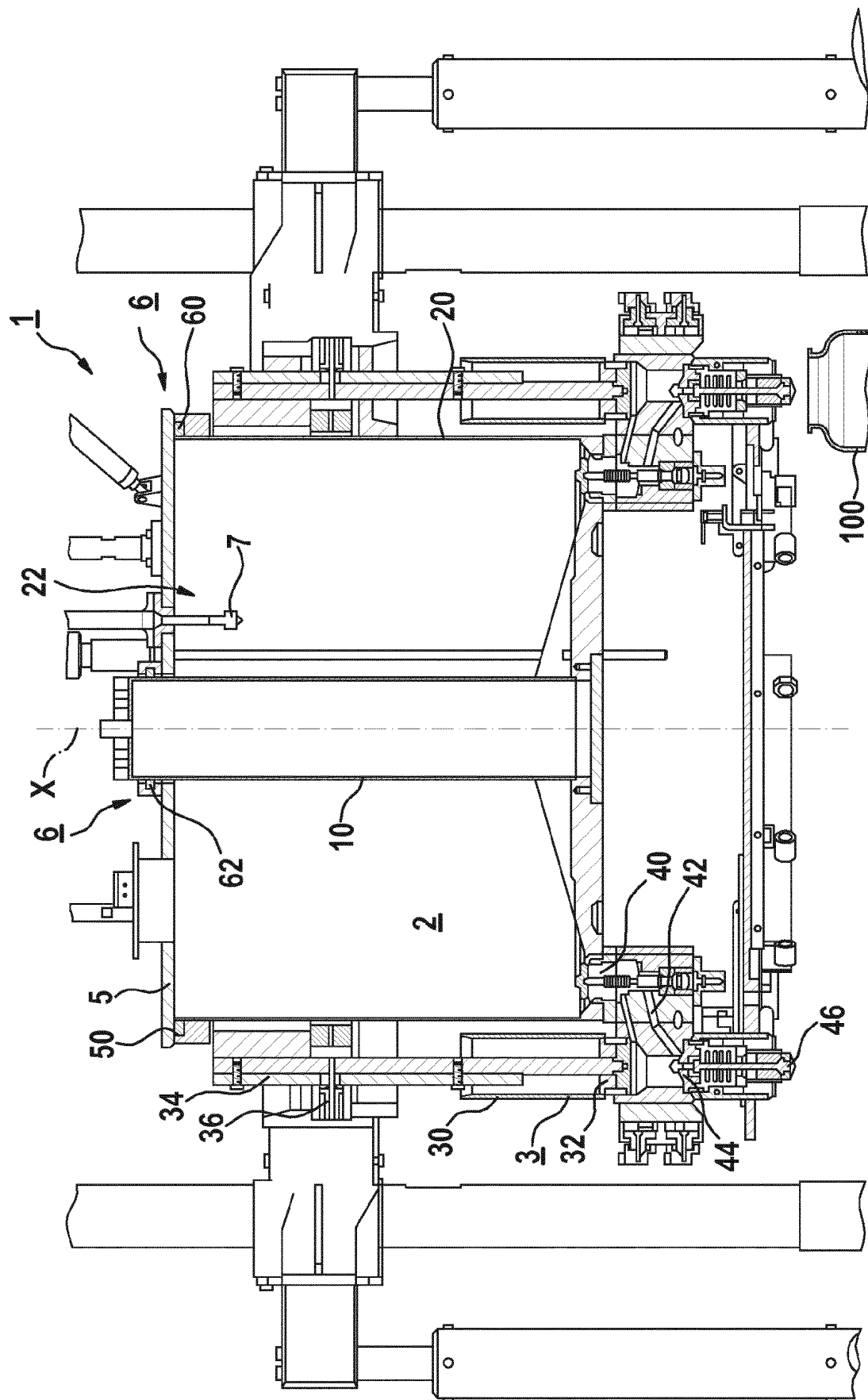


Fig. 1

Publication data including kind & date

EP2848577

A1 2015-03-18

EP2848577

EP2848577

B1 2018-07-18

EP2848577



DE102013109965	A1	2015-03-12	DE102013109965
CN204434248	U	2015-07-01	CN204434248U
SI2848577	T1	2018-11-30	SI2848577T

**Abstract**

(EP2848577)

The utility model relates to a **device** for metering **and** filling a to-be-canned product into a can. The **device** comprises a rotatable product preset container (2) **and** at least one piston material preparing **device** (3) connected with the product preset container, wherein the piston material preparing **device** is used for metering **and** filling the to-be-canned product into a can (100) from the product preset container (2), an upward opening is formed in the product preset container (2), a stationery top cover (5) for covering the product preset container (2) with the upward opening is arranged on the product preset container (2), **and** a controllable seal **device** (6) is used for hermetically sealing the stationery top cover (5) **and** the product preset container (2).

(From CN204434248 U)

Inventors

GOLDBRUNNER CHRISTIAN

ENGELSBERGER FLORIAN

KOLLER STEFAN

SCHUHBECK THOMAS

TAUSENDPFUND MICHAEL

Latest standardized assignees - inventors removed

KRONES