

Search history

Search step	Result(s)	Query
1	101	(DISPENSER AND BELLOW AND DROPPER AND FLUID)/TX/BI/SA/KEYW/IN/PA

100 Documents

Publication numbers	Title	Current assignees
EP1339616 A1	Drip liquid dispenser	LABORATOIRES THEA
EP1556289 A2	Fluid dispenser having a rigid vial and flexible inner bladder	MEDICAL INSTILL TECHNOLOGIES
EP2152599 A1	Multidose dispenser for sterile liquid preparations	FEDERIGHI FEDERIGO, ...
EP1787605 A2	Dispenser and dosing set for the medium dosage	APTAR RADOLFZELL
WO9812511 A2	Fluid dispenser	THE BOOTS COMPANY
EP1027165 A2	Dispenser for several media mixed before discharge	APTAR RADOLFZELL
US5487495 A	Manually actuated dropper	FREUDENBERG, ...
EP1036013 A1	Device for packaging a liquid to be dispensed drop by drop	LABORATOIRES THEA
EP3498327 A1	Medical tube with microstructures for humidification and condensate management	FISHER & PAYKEL HEALTHCARE
US20050029307 A1	Ophthalmic dispenser and associated method	DR PY INSTITUTE
DE2429626 A1	Flexible container with fixed volume liquid dispenser - dispenser volume filled by squeezing container and discharged by tilting	STUEBBE ARMATUREN
EP3148707 A1	Dispenser	BORMIOLI PHARMA
EP-634944 A1	Cartridge for applying medicament to an eye from a dispenser	ABBOTT MEDICAL OPTICS, ...
EP1972945 A1	Distortive dispensing chip, distortive dispensing apparatus and method of distortive dispensing processing	UNIVERSAL BIO RESEARCH
EP-425025 A1	Double tip drug dispensing and metering device.	MERCK SHARP & DOHME
EP-748617 A1	Double dispenser for medicating fluids	MAEJ C O O DONNELL & TESSITORE
EP3151885 A1	Dispensing device with control body in order to axially move a dispensing element	KOCHER PLASTIK MASCHINENBAU
WO201784626 A1	Distributor and container comprising distributor	ALBEA PLASTIC METALLIZING TECHNOLOGY
US4579153 A	Drop dispenser	L'OREAL
EP-681493 A1	Medical valve	ICU MEDICAL
EP-509754 A2	Dispenser device	MERCK SHARP & DOHME
EP-676972 A1	Cartridge for applying medicament to an eye	ABBOTT MEDICAL OPTICS, ...
CN207389610U U	Medical dropping liquid sub -packaging device	ZHANG HUAIQIN
FR2305365 A1	Dispenser for liquids or pastes - has flexible container with nozzle and bellows inside two part rigid plastic support	SEPPIC
EP-975523 A1	Package containing dispensing device with magnet	E L MANAGEMENT

Publication numbers	Title	Current assignees
WO9008707 A1	Pouring and/or dosing dispenser for liquids or powder	CHARLELET MICHEL
US4834728 A	Eye drop dispenser apparatus	MCKENNA BILL
EP2385920 A2	Packaged products, inserts and compartments for aseptic mixing of substances, along with methods for use therewith	AKTIVPAK
DE4238269 C1	Liquid dispenser for adjustable small volumes+ - using screw fitting cap with measurement chamber emptied by pressed membrane on cap	MERZ
FR2356878 A1	Lamp diagnosis in particular for the observation of the teeth	LPA LES PRODUITS ASSOCIES
EP-713475 A1	Liquid dispenser having a dosage counter	MERCK SHARP & DOHME
WO200720316 A2	Method and system for preventing the intake of air and other contaminants into sealed containers	GARCIA PEREZ FRANCISCO ANGEL, ...
EP1708780 A2	Delivery device and method of delivery	MEDICAL INSTILL TECHNOLOGIES
US4169474 A	Liquid medicine dispensers with dose mechanisms for oral and injection therapy	WAGNER WOLFGANG DR MEDICAL
WO2014144672 A1	Fluid applicators for use with topical medications	ABBVIE
EP2891887 A1	Dispensing tip with built-in deforming element, dispensing device with built-in deforming element and processing method using built-in deforming element dispensing	UNIVERSAL BIO RESEARCH
EP2707149 A2	Isolation of product and propellant in avarious dispensing devices and platforms ("flairfresh")	DISPENSING TECHNOLOGIES
EP2239583 A2	Thin-film layered centrifuge device and analysis method using the same	NEXUS DX
EP-677015 A1	Device for dropwise delivery of a fluid contained in a flexible vial	LABORATOIRES MERCK SHARP & DHOME CHIBRET
EP2083876 A2	Methods of wound care and treatment	REVALESIO
KR20170001964 A	Flood damage adjustment distribution input device	LEE, WOO SUNG
WO201254878 A2	Delivery systems and method thereof	GLIDERS
EP2374541 A1	Disposable dispensing cartridge for medical assay instrumentation	SYMBION MEDICAL SYSTEMS
US4043923 A	Textile treatment composition	3M
EP-315440 A2	A dual-chambered mixing and dispensing vial	MERCK SHARP & DOHME
DE2631605 A1	Corrosive adhesive dispensing valve - houses bellows with stop valves at outlet and may be connected to air vessel	SCHERING
EP3288681 A1	Microfluidic valves and devices	SENZO HEALTH
EP1019020 A1	Stabilized bioactive preparations and methods of use	NOVARTIS
EP1388006 A2	In line test device and methods of use	ALERE
FR1327396 A	Closure means for tubes and bottles	

Publication numbers	Title	Current assignees
EP1689532 A1	Dispensing container	PROFILE DISPENSING INNOVATION
EP-547503 A1	Pipetting device.	EPPENDORF NETHELER HINZ
EP1755732 A2	Multiple unit dose drug delivery system	MYSTIC PHARMACEUTICALS
EP1718700 A1	Plasticized polyolefin compositions	EXXONMOBIL CHEMICAL PATENTS
EP2848551 A1	Mouth plug for liquid container	TAISEI KAKO, ...
EP-526512 A1	Method and packaging for preserving and dispensing portions of a sterile liquid.	LABORATOIRES THEA
EP-786419 A1	Dosing bottle	L'OREAL
EP2338685 A2	Liquid container	SEIKO EPSON
EP3535196 A1	Methods and apparatus for automated food preparation	INNONOVO
EP3405231 A1	Single use connectors	MEDINSTILL DEVELOPMENT
EP2964038 A1	E-cigarette personal vaporizer	AYR
EP1724243 A1	Method and apparatus for the production of glass tubes with inner coating	SCHOTT
EP1322154 A1	Allergen neutralization compositions	PROCTER & GAMBLE
EP2799056 A1	Exposure prevention cover, exposure prevention cover module provided with same, drug solution supply system, and drug solution supply method	OTSUKA PHARMACEUTICAL FACTORY, ...
US5997518 A	Apparatus and method for delivery of small volumes of liquid	LAIBOVITZ; ROBERT A., ...
FR2564492 A1	Washing machine filler	BSH BOSCH & SIEMENS HAUSGERAETE 81669 MUEN
EP1086661 A2	Unit dose low viscosity material dispensing system	CENTRIX
EP2624793 A1	Discharge device	APTAR RADOLFFZELL
FR2424854 A1	Combined device of closure	JENAPHARM
EP2596135 A2	System and method including analytical units	BECKMAN COULTER
US20060231109 A1	Personal and portable bottle	IPVENTURE
US4086924 A	Plasmapheresis apparatus	HAEMONETICS
US6635049 B1	Drug bolus delivery system	MEDTRONIC
DE3619478 A1	Metering device for liquids in containers, in particular in bottles or the like	HEINLEIN HANS
EP1593605 A1	Laminated releasable bottle and method of producing the same	TAISEI KAKO, ...
EP1500930 A1	Method of measuring formaldehyde concentration of gas and	BIO MEDIA

Publication numbers	Title	Current assignees
	measuring instrument	
EP-694483 A1	Container for the storage of at least two products, and for the mixture and distribution of these products	L'OREAL
EP-373016 A1	Dispensing device for liquids.	CORBIERE JÉRÔME
FR1405654 A	Dispensers or applicators for devices bottles, tubes and similar containers	RECKITT BENCKISER
EP2691100 A2	Intranasal benzodiazepine pharmaceutical compositions	ACORDA THERAPEUTICS, ...
EP2584931 A2	Device, kit and method for coloring hair	KAMPALOOK
US20180072480 A1	Packaged products, inserts and compartments for aseptic mixing of substances, along with methods for use therewith	AKTIVAX
US20150003758 A1	Pouch package with gusset base	MEDTECH PRODUCTS
JP2004257274 A	Liquid pump	KEMUKO
US20150136622 A1	Packaged products, inserts and compartments for aseptic mixing of substances, along with methods for use therewith	AKTIVAX
EP2914586 A1	Bruton's tyrosine kinase inhibitors	PFIZER
US20120003410 A1	Partially crystalline cycloolefin elastomer medical tubing	TOPAS ADVANCED POLYMERS
EP3229900 A1	Onychomycosis treatment apparatus and method	DEVICEFARM
EP1140369 A1	Squeeze bottle for dispensing a liquid in a metered and substantially germ-free manner	PHARMASEPT
WO201255105 A1	Method for manufacturing structural color object	DIC
US20080182238 A1	Process for reducing interferences in luciferase enzyme assays	LUMINULTRA TECHNOLOGIES
EP1567158 A2	Methods and compositions using immunomodulatory compounds for treatment and management of cancers and other diseases	CELGENE
EP1266840 A2	A dispensing container	TAISAI KAKO
EP1663626 A1	Microreplicated article	3M
EP1874524 A1	Apparatus and method for making microreplicated article	3M
EP1856566 A1	Microreplicated article with defect-reducing surface	3M
US4049033 A	Molded collapsible solution container	BAXTER INTERNATIONAL
KR20120112315 A	Flood disaster control system	LEE, WOO SUNG
KR20140005836 A	Public waters reclamation device having peace retained construction machine	LEE, WOO SUNG
KR20100027087 A	Wind-water generator with a seesaw-type pipe level for a non-disaster global marine generating station	LEE, WOO SUNG

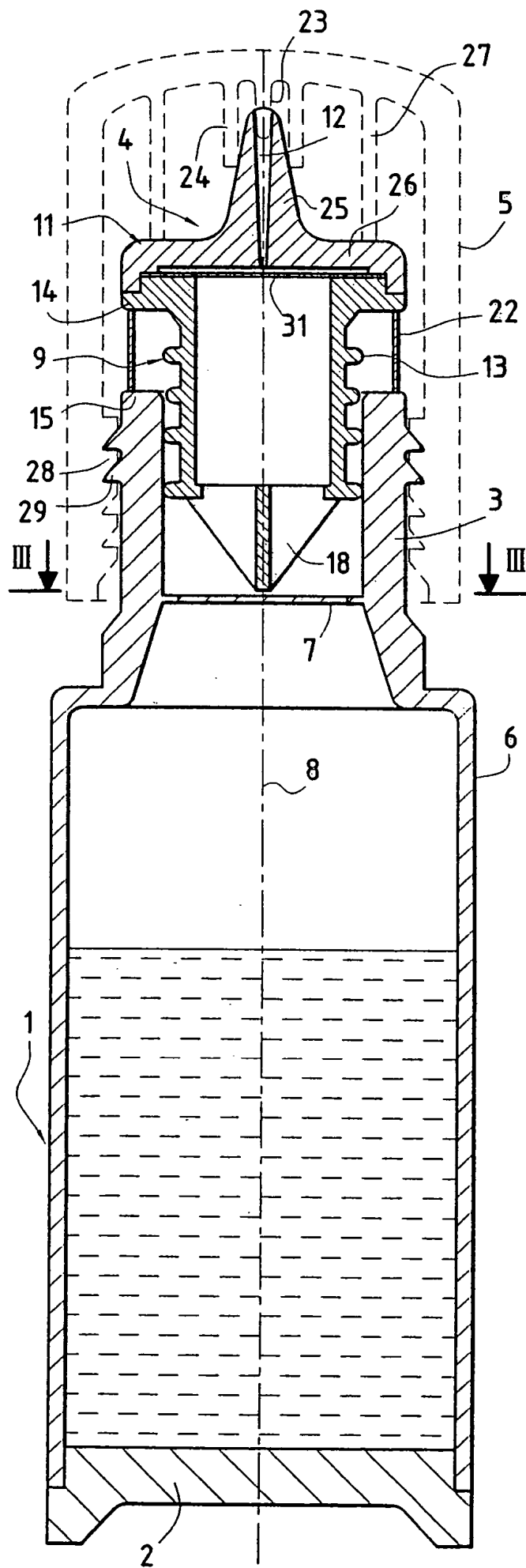
Family 1/100 - FAMPAT - ©Questel

Title

(EP1339616)

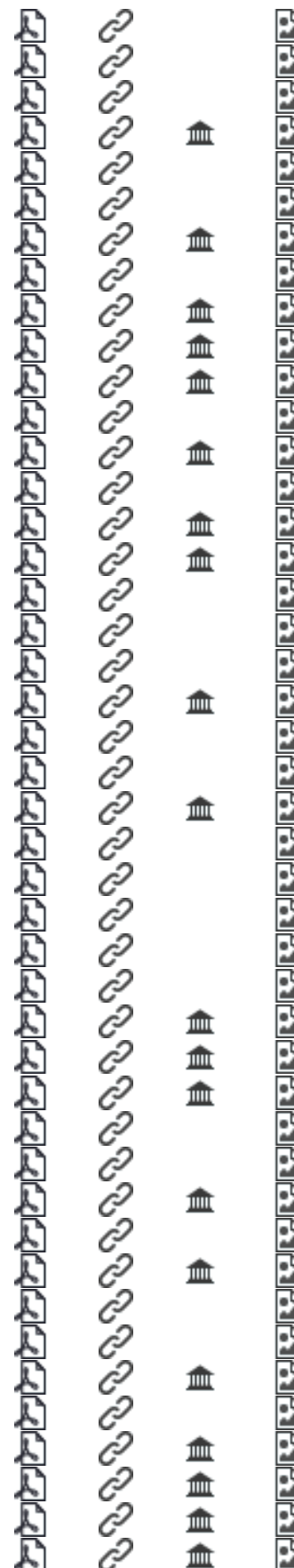
Drip liquid dispenser

Images



Publication numbers with kind code & date

HU228559	B1	2013-03-28	HU-228559
HRP20030475	B1	2011-03-31	HRP20030475
MY142758	A	2010-12-31	MY-142758
NO329819	B1	2010-12-27	NO-329819
SK287352	B6	2010-08-09	SK-287352
PL205278	B1	2010-03-31	PL-205278
CA2428494	C	2010-02-16	CA2428494
RS50410	B	2009-12-31	RS--50410
ES2328226	T3	2009-11-11	ES2328226
PT1339616	E	2009-08-26	PT1339616
DE60138910	D1	2009-07-16	DE60138910
AT432890	T	2009-06-15	ATE432890
EP1339616	B1	2009-06-03	EP1339616
KR100878215	B1	2009-01-13	KR100878215
JP4159354	B2	2008-07-25	JP4159354
IN209845	B	2007-04-13	IN-209845
HK1062429	A1	2006-09-08	HK1062429
CZ296769	B6	2006-06-14	CZ-296769
RU2275316	C2	2006-04-27	RU2275316
CN1251934	C	2006-04-19	CN1251934C
GT200100019	U	2005-07-12	GT200100019U
HRP20030475	A2	2005-04-30	HRP20030475
IN0475/MUMNP/2003	A	2005-02-11	IN2003MN00475
HU0400574	A3	2004-11-29	HU200400574
YU35803	A	2004-11-25	YU200300358
PL361301	A1	2004-10-04	PL2001361301
HU0400574	A2	2004-08-30	HU200400574
CZ20031317	A3	2004-06-16	CZ200301317
JP2004513038	A	2004-04-30	JP2004513038
US20040074925	A1	2004-04-22	US20040074925
CN1474774	A	2004-02-11	CN1474774
SK5602003	A3	2003-11-04	SK200300560
AR031322	A1	2003-09-17	AR--31322
EP1339616	A1	2003-09-03	EP1339616
KR20030063381	A	2003-07-28	KR20030063381
NO20032127	L	2003-07-04	NO20032127
NO20032127	D0	2003-05-12	NO200302127
TNSN01159	A1	2003-04-03	TN0100159
FR2816600	B1	2003-03-21	FR2816600
PA8532101	A1	2002-10-28	PA8532101
AU2306402	A	2002-05-21	AU200223064
FR2816600	A1	2002-05-17	FR2816600
CA2428494	A1	2002-05-16	CA2428494
WO02/38464	A1	2002-05-16	WO200238464

**Abstract**

(EP1339616)

The invention concerns a device for packaging a liquid to be drip-dispensed, comprising a container (1), with a wall elastically deformable manually, and which is terminated by a rigid neck (3) wherein is mounted a liquid dispensing head (4). A membrane (31) both hydrophilic and hydrophobic, advantageously anti-bacterial, is arranged in the dispensing head (4) across the passage of the liquid to the channel expelling the liquid. Said membrane allows through outside air into the

container (1) after it has been passed through by the liquid in the expelling phase and the bottle elastically recovers its initial shape after each dispensing operation. A frangible partition (7) isolates the membrane from the liquid contained in the bottle until its first use whereby it is ruptured by a striker integral with said dispensing head (4).

Inventors

FAURIE MICHEL

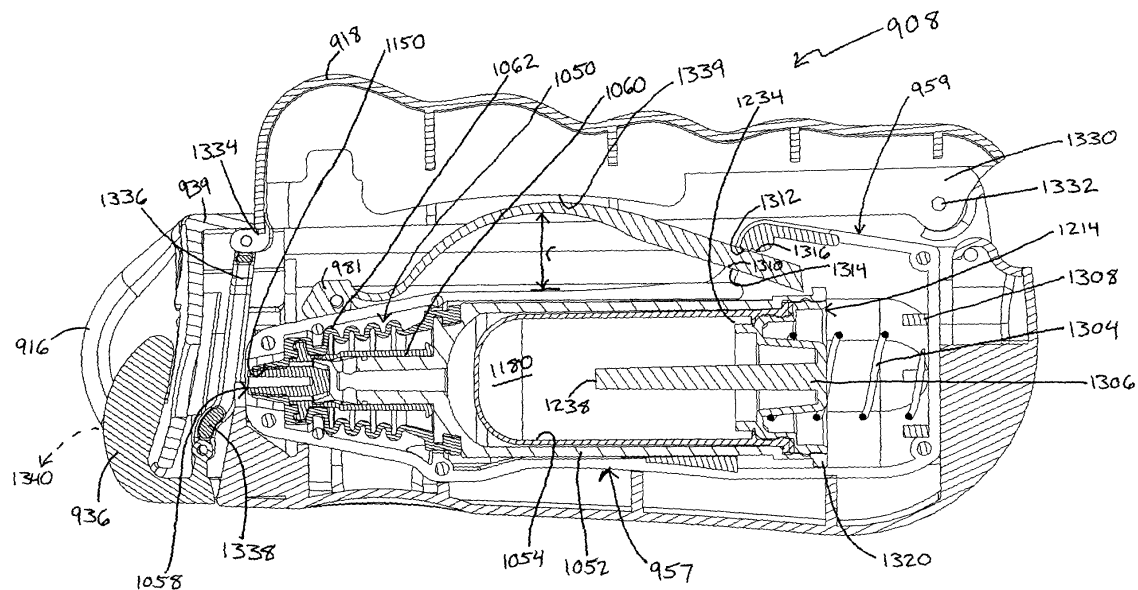
Latest standardized assignees - inventors removed

LABORATOIRES THEA

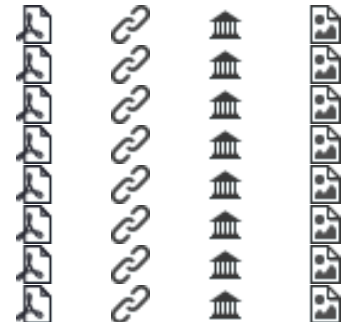
Family 2/100 - FAMPAT - ©Questel

Title

(EP1556289)

Fluid dispenser having a rigid vial and flexible inner bladder**Images****Publication numbers with kind code & date**

JP4486044	B2	2010-04-02	JP4486044
EP1556289	A4	2009-01-21	EP1556289
JP2006516101	A	2006-06-22	JP2006516101
EP1556289	A2	2005-07-27	EP1556289
WO2004/037708	A3	2005-02-24	WO200437708
AU2003285936	A1	2004-05-13	AU2003285936
AU2003285936	A8	2004-05-13	AU2003285936
WO2004/037708	A2	2004-05-06	WO200437708

**Abstract**

(EP1556289)

An ophthalmic **dispenser** has a rigid housing defining a **fluid**-receiving chamber, a flexible bladder receivable within the **fluid**-receiving chamber, a pump coupled in **fluid** communication with the **fluid**-receiving chamber, and a nozzle having a valve defining an annular, axially- extending valve seat, an outlet aperture coupled in **fluid** communication between the valve seat and the pump, and a flexible valve cover extending about the valve seat and forming an annular, axially-extending interface therebetween. The valve interface is connectable in **fluid** communication with the outlet aperture, and at least part of the valve cover is movable between (i) a normally closed position with the valve cover engaging the valve seat to close the interface and form a **fluid**-tight seal therebetween, and (ii) an open position with at least part of the valve cover spaced away from the valve seat in response to pumped **fluid** flowing through the outlet aperture at a pressure greater than a valve opening pressure to allow the passage of pressurized **fluid** therebetween. A spring is drivingly connected to the housing and moves at least one of the pump and housing relative to the other to actuate the pump. The rigid housing is mountable within a cartridge which, in turn, is mountable within a **dispenser** housing including an eyelid depressor and a trigger for simultaneously actuating the eyelid depressor and pump.

Inventors

PY DANIEL

ASSION NORBERT M

CHAN JULIAN V

TING JOSEPH M

Latest standardized assignees - inventors removed

MEDICAL INSTILL TECHNOLOGIES

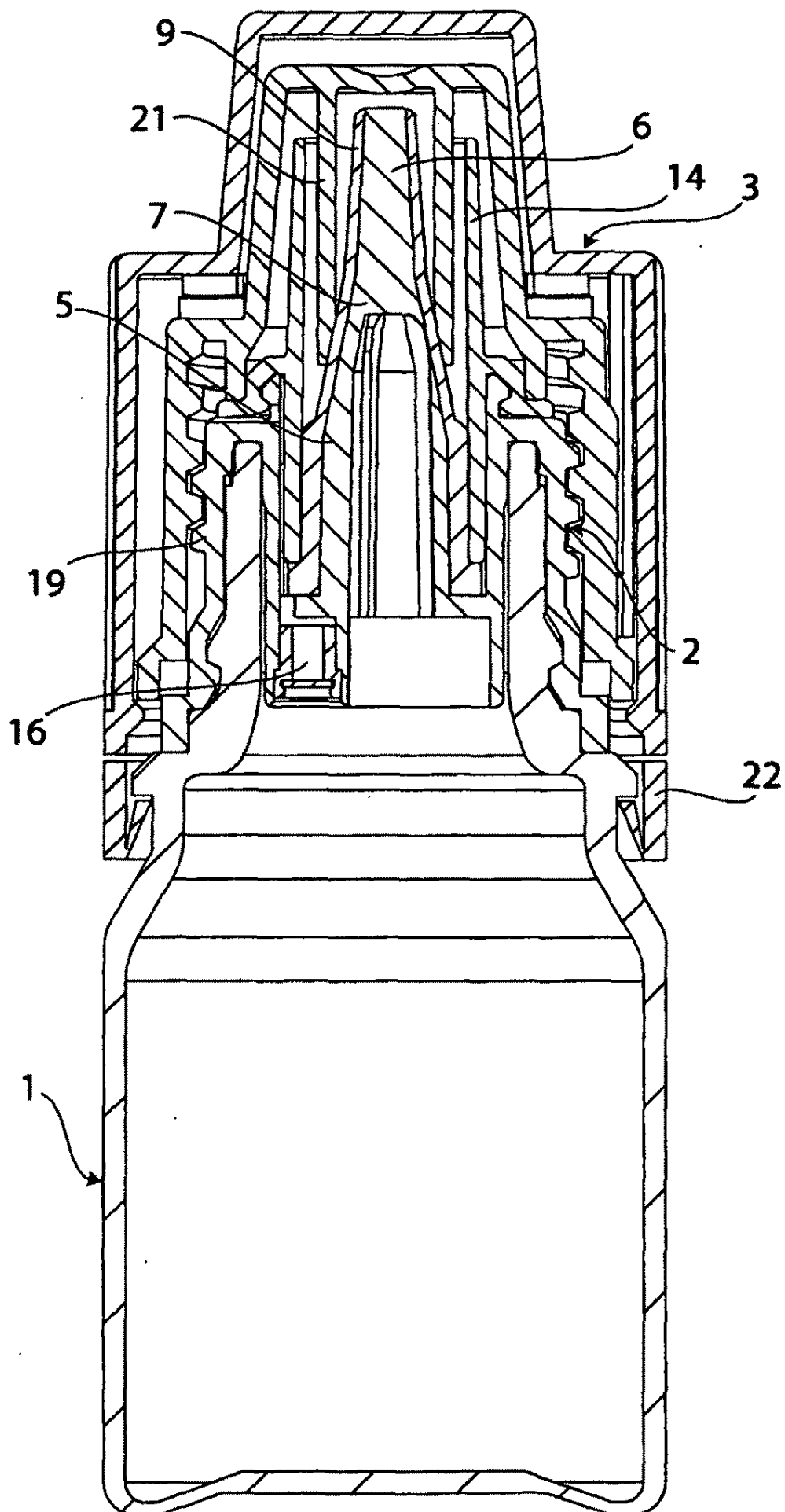
Family 3/100 - FAMPAT - ©Questel

Title

(EP2152599)

Multidose **dispenser** for sterile liquid preparations

Images



Publication numbers with kind code & date

AT545601	T	2012-03-15	ATE545601				
EP2152599	B1	2012-02-15	EP2152599				
RU2009146818	A	2011-06-27	RU2009146818				
JP2010527309	A	2010-08-12	JP2010527309				
US20100147899	A1	2010-06-17	US20100147899				
KR20100029202	A	2010-03-16	KR20100029202				
MX2009012157	A	2010-02-18	MX2009012157				
EP2152599	A1	2010-02-17	EP2152599				
WO2008/142721	A8	2009-03-12	WO2008142721				
CA2687413	A1	2008-11-27	CA2687413				
WO2008/142721	A1	2008-11-27	WO2008142721				
ITRM20070275	A1	2008-11-18	IT2007RM0275				

Abstract

(EP2152599)

A bottle or container suitable for the sterile storage of liquid products therein and the administration therefrom of said products dropwise, the sterility being maintained even after first opening the bottle, without the need to include preservatives in the liquid product. The **dispenser** comprises a container body (1), a capsule (3) and a **dropper** assembly (2), ending with a rigid **dropper** nozzle (5) provided with one or more transversal ports communicating with the interior of the container body (1), covered by a resiliency deformable tubular sleeve (9). The **dropper** nozzle comprises a first portion having a smaller conicity (6) making out the distal end of the **dropper** and a second portion having grater conicity (7) on which three of such ports are preferably provided. The closure capsule (3) comprises an internal projection (21) which comes into contact, when the capsule is closed, with the tubular sleeve (9) at the position where the second portion having grater conicity (7) of the **dropper** nozzle is located.

Inventors

NARDI GIANCARLO

Latest standardized assignees - inventors removed

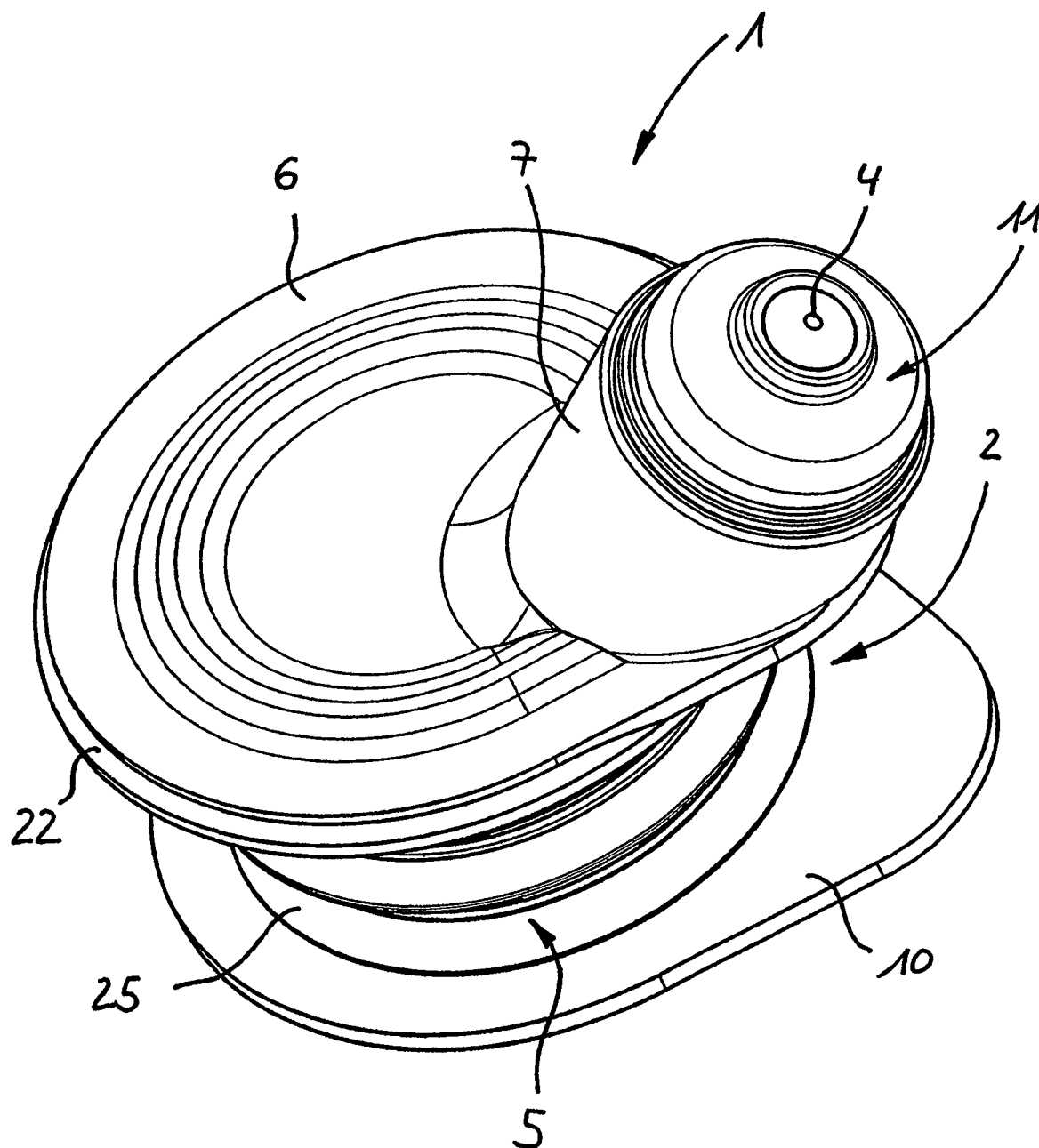
FEDERIGHI FEDERIGO

FEDERIGHI MARIO

Family 4/100 - FAMPAT - ©Questel

Title

(EP1787605)

Dispenser and dosing set for the medium dosage**Images****Publication numbers with kind code & date**

US7950391	B2	2011-05-31	US7950391
ES2351427	T3	2011-02-04	ES2351427
DE502006008070	D1	2010-11-25	DE502006008070
AT484463	T	2010-10-15	ATE484463
EP1787605	B1	2010-10-13	EP1787605
EP1787605	A3	2008-10-29	EP1787605
JP2007136205	A	2007-06-07	JP2007136205
DE102005056488	A1	2007-05-24	DE102005056488
US20070113841	A1	2007-05-24	US20070113841
EP1787605	A2	2007-05-23	EP1787605

**Abstract**

(EP1787605)

Dispenser e.g. **dropper**, for dosage of liquid or powder medium e.g. eye drops, has medium storage limited in sections by wall sections and retaining plates, where plates are provided as holder for applying operating forces on storage

The **dispenser** has a medium storage (2) comprising a dosage opening (4) and provided for hand operation. The medium storage is limited in sections by flexibly designed wall sections (5) and by dimensionally stable retaining plates (6, 10), where the retaining plates are provided as a holder for applying operating forces on the medium storage. The dosage opening is formed at a dosage nozzle (7), and the wall sections are made from a plastic material e.g. polyethylene, where the retaining plates are arranged opposite to one another and the nozzle is attached to one of the retaining plates. An independent claim is also included for a dosage assembly for a **dispenser**.

Inventors

FUCHS KARL-HEINZ

Latest standardized assignees - inventors removed

APTAR RADOLFZELL

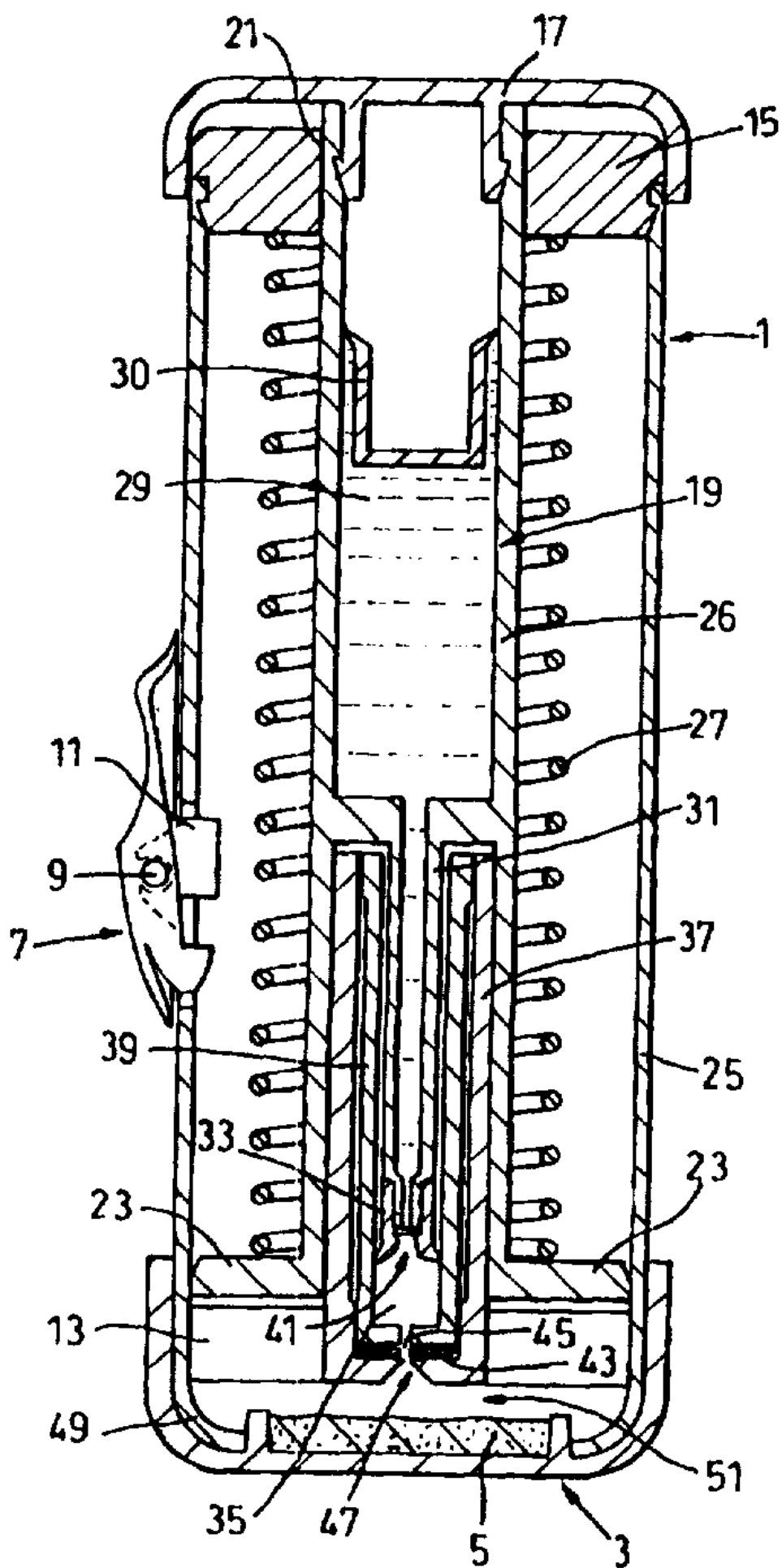
Family 5/100 - FAMPAT - ©Questel

Title

(WO9812511)

Fluid dispenser

Images



Publication numbers with kind code & date

WO98/12511	A3	1998-05-28	WO9812511
AU4704997	A	1998-04-14	AU9747049
WO98/12511	A2	1998-03-26	WO9812511
GB9619445	D0	1996-10-30	GB9619445

**Abstract**

(WO98/12511)

There is disclosed a device for applying **fluid** topically to a patient, the device comprising a housing means with an orifice; the housing means comprising: a piston slidable between a first position and a second priming position; a biasing means acting on the piston to move the piston towards the first position; a releasable locating means to hold the piston in the priming position against the action of the biasing means; a storage chamber storing the **fluid**, the storage chamber being fluidly connected via a first valve means to a charge chamber fluidly connected via a second valve means to an atomising means fluidly connected to the housing orifice; these components being arranged within the housing such that to prime the device the piston is moved from the first position to the priming position to cause a predetermined volume of the sterile **fluid** to enter the charge chamber through the first valve and air to enter the housing through the orifice; the piston being held in the priming position against the biasing means by the locating means; and to dispense **fluid** to the patient the device is placed with the orifice adjacent to the site of application and the locating means is released to allow the biasing means to move the piston from the primed position to the first position which causes the **fluid** to leave the charged chamber through the second valve means, enter the atomising means where the **fluid** is mixed with air and be expelled from the orifice. Preferably the device is suitable for applying **fluid** to the surface of the eye of the patient, the **fluid** is a sterile **fluid** suitable for application to the surface of the eye of the patient and the device is capable of expelling the **fluid** from the orifice as a mist.

Inventors

GAYLOR IAN MICHAEL DENNIS
 DROUGHT NICHOLAS ANDREW MURRAY
 BARNARDO CHRISTOPHER JOHN ANDR
 ROWBOTHAM LUCY ANITA

Latest standardized assignees - inventors removed

THE BOOTS COMPANY

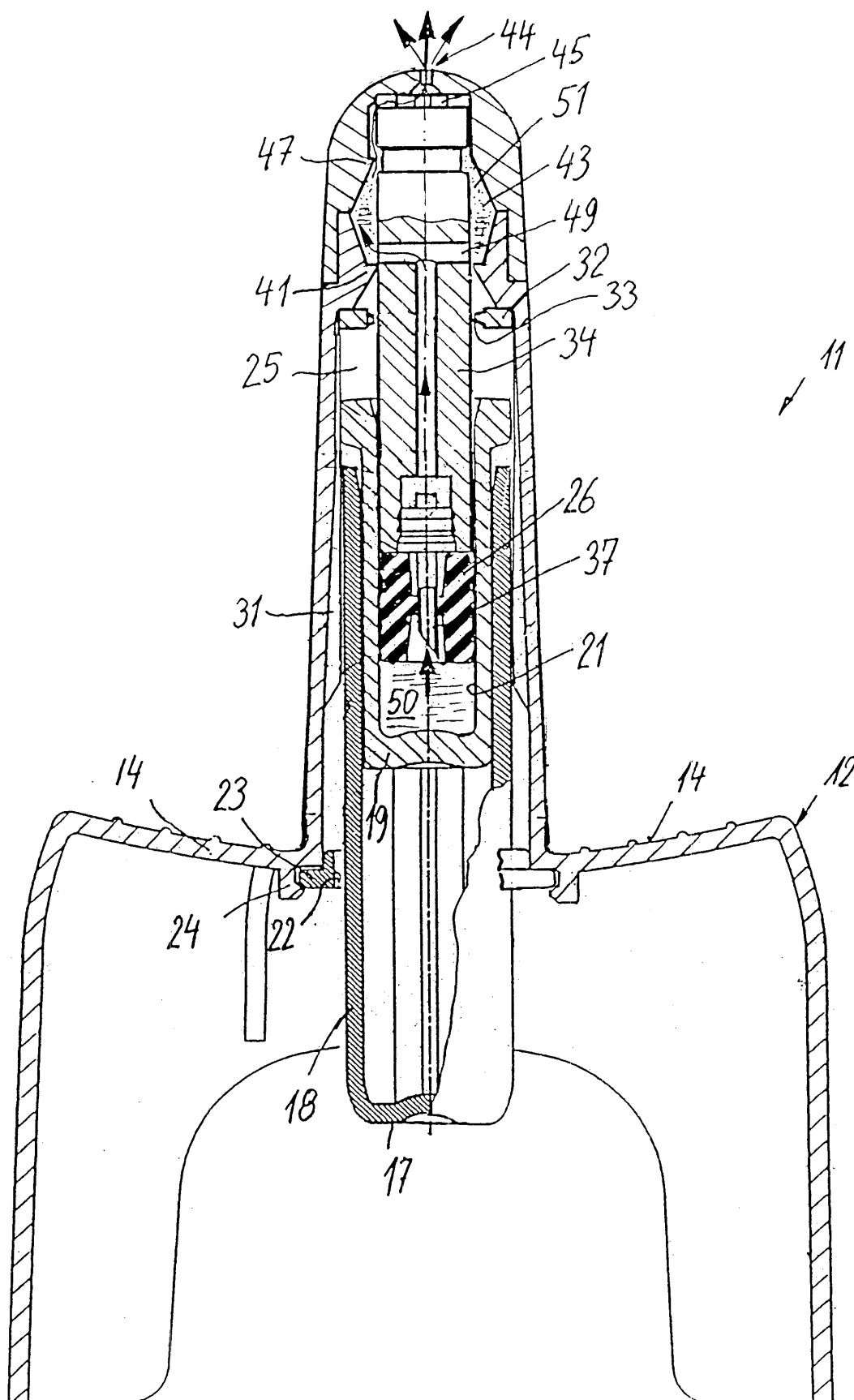
Family 6/100 - FAMPAT - ©Questel

Title

(EP1027166)

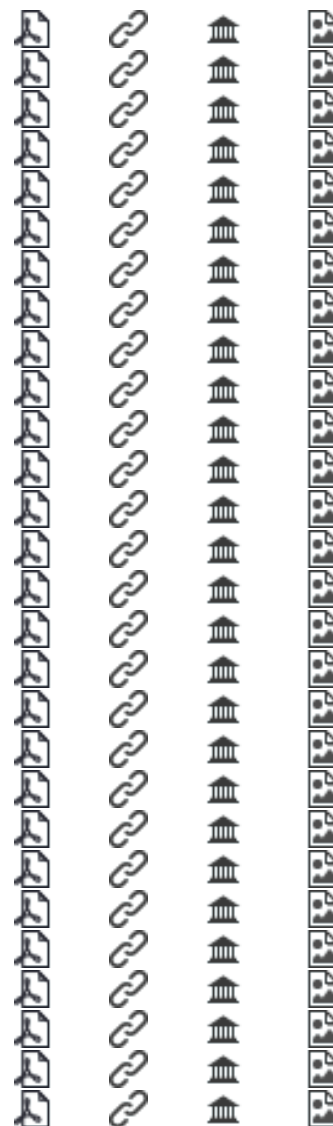
Dispenser for several media mixed before discharge

Images



Publication numbers with kind code & date

JP4789089	B2	2011-07-29	JP4789089
JP4411374	B2	2009-11-27	JP4411374
CA2307160	C	2009-05-05	CA2307160
JP2006081917	A	2006-03-30	JP2006081917
ES2222430	T3	2005-02-01	ES2222430
DK1297898	T3	2004-10-04	DK1297898T
DE59811482	D1	2004-07-01	DE59811482
EP1297898	B1	2004-05-26	EP1297898
ES2194360	T3	2003-11-16	ES2194360
US6626379	B1	2003-09-30	US6626379
DK1027165	T3	2003-07-21	DK1027165T
DE59807579	D1	2003-04-24	DE59807579
EP1297898	A3	2003-04-09	EP1297898
EP1297898	A2	2003-04-02	EP1297898
EP1027165	B1	2003-03-19	EP1027165
DE59804744	D1	2002-08-14	DE59804744
EP1027166	B1	2002-07-10	EP1027166
JP2001522717	A	2001-11-20	JP2001522717
EP1027165	A2	2000-08-16	EP1027165
EP1027166	A1	2000-08-16	EP1027166
WO99/24171	A3	1999-07-15	WO9924171
AU1031699	A	1999-05-31	AU9910316
AU2047599	A	1999-05-31	AU9920475
CA2307160	A1	1999-05-20	CA2307160
WO99/24170	A1	1999-05-20	WO9924170
WO99/24171	A2	1999-05-20	WO9924171
DE19749514	A1	1999-05-12	DE19749514
DE19837127	A1	1999-05-12	DE19837127

**Abstract**

(EP1027166)

Two chambers (11, 12) are separated from each other by an intermediate piston (17) which is actuated for opening a shutter (20) and moved first in the flow direction (56) and then, optionally, in the opposite direction relative to said flow direction (56) for transferring from one chamber (11) into the other chamber (12). The piston is moved again in the flow direction (56) after a transfer operation and the unlocking of a stop means (70) so that the medium transferred and mixed with another medium is discharged from the chamber (12) through a discharge valve (25). A simple transfer or a simple mixture of the media is thus obtained before discharge, with a later discharge of the mixed media.

Inventors

RITSCHKE STEFAN

STADELHOFFER PETER

MERK HANS

Latest standardized assignees - inventors removed

APTAR RADOLFFZELL

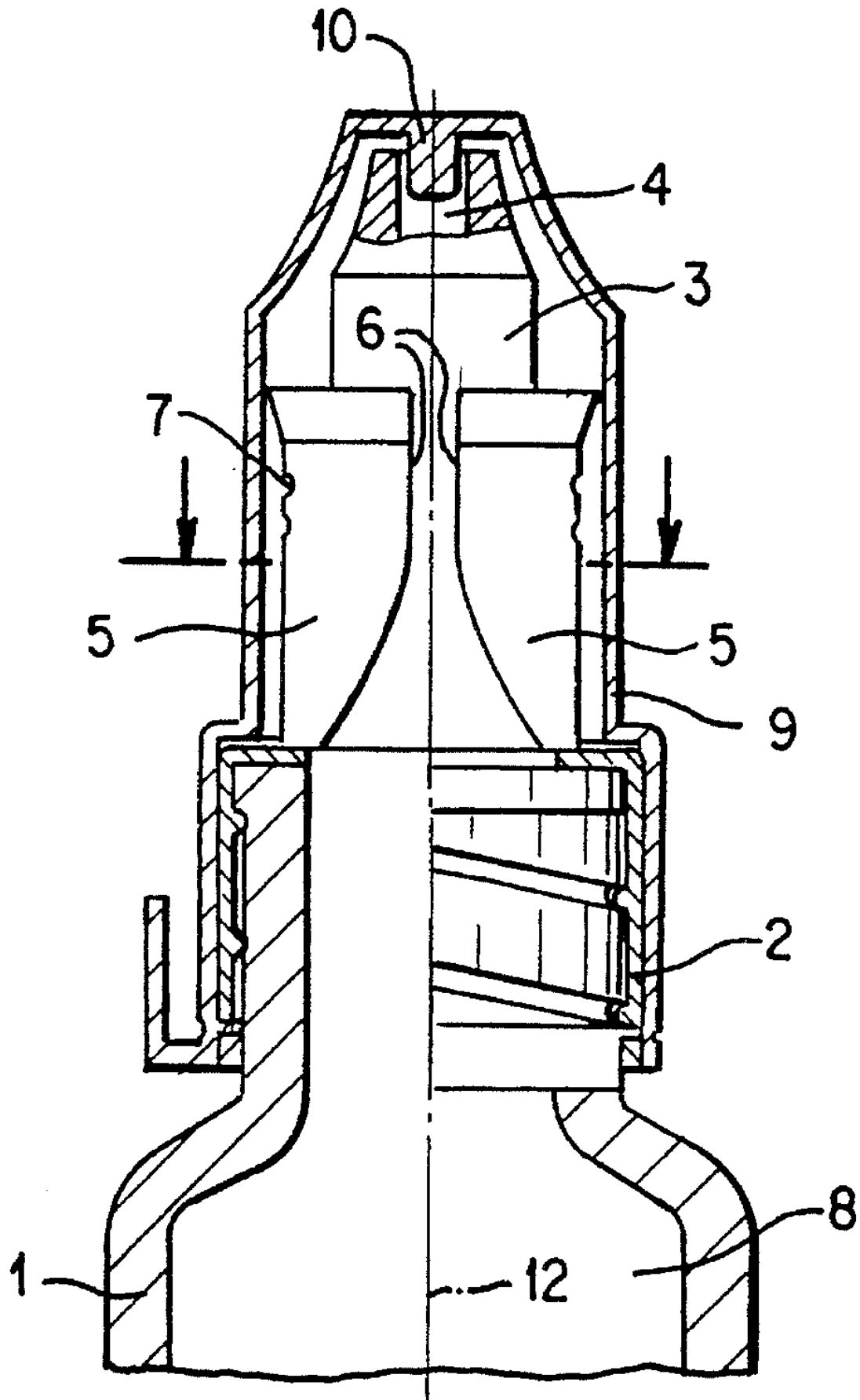
Family 7/100 - FAMPAT - ©Questel

Title

(US5487495)

Manually actuated **dropper**

Images



Publication numbers with kind code & date

US5487495

A 1996-01-30

US5487495

JP07303684

A 1995-11-21

JP07303684

DE4311777

C2 1995-04-20

DE4311777

DE4311777

A1 1994-10-20

DE4311777



Abstract

(US5487495)

A manually actuated **dropper** device for the mouth of a liquid container that delivers finely metered dosages of liquid is disclosed. The **dropper** comprises an elastically deformable bellows which can sealingly be fastened onto the mouth of a container along with a threaded cap. The bellows are perforated in a protruding region by a hole serving as a **dropper** opening. Two spring tongues are also attached to the container; these at least partially surround the bellows and extend substantially parallel to the longitudinal direction of the bellows. The protruding ends of the tongues can be elastically displaced towards each other, thereby squeezing the bellows. Stop surfaces on the spring tongues control the degree to which the bellows are squeezed.

Inventors

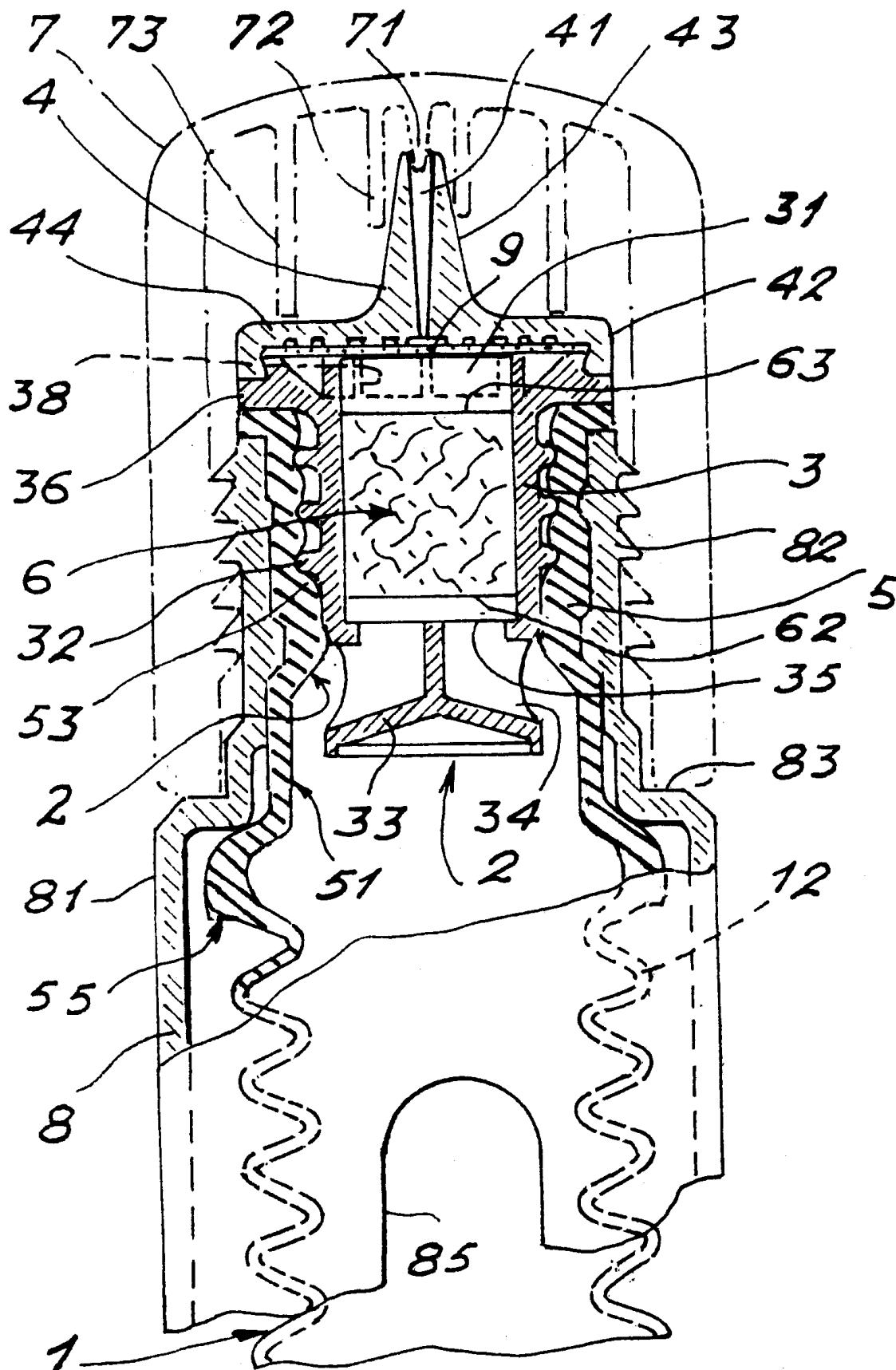
DERKSEN KLAUS

Latest standardized assignees - inventors removed

FREUDENBERG

POHL

Images



HU228556	B1	2013-03-28	HU-228556				
JP4355985	B2	2009-08-14	JP4355985				
CA2310116	C	2008-08-05	CA2310116				
KR100593964	B1	2006-06-30	KR100593964				
DE69825313	T2	2005-07-28	DE69825313				
ES2226182	T3	2005-03-16	ES2226182				
PT1036013	E	2004-12-31	PT1036013				
DK1036013	T3	2004-11-15	DK1036013T				
DE69825313	D1	2004-09-02	DE69825313				
AT272005	T	2004-08-15	ATE272005				
EP1036013	B1	2004-07-28	EP1036013				
HK1033302	A1	2003-07-18	HK1033302				
RU2201881	C2	2003-04-10	RU2201881				
CN1102902	C	2003-03-12	CN1102902C				
HU0003755	A3	2002-03-28	HU200003755				
US6336571	B1	2002-01-08	US6336571				
JP2001521865	A	2001-11-13	JP2001521865				
TR200001207	T2	2001-07-23	TR200001207				
KR20010031767	A	2001-04-16	KR20010031767				
HU0003755	A2	2001-03-28	HU200003755				
CN1277589	A	2000-12-20	CN1277589				
EP1036013	A1	2000-09-20	EP1036013				
FR2770495	B1	1999-12-24	FR2770495				
AU1159299	A	1999-05-24	AU9911592				
CA2310116	A1	1999-05-14	CA2310116				
WO99/23006	A1	1999-05-14	WO9923006				
FR2770495	A1	1999-05-07	FR2770495				

Abstract

(EP1036013)

The invention concerns a device comprising a flask (1) with variable internal volume having a rigid neck (5) wherein is arranged the body (3) of a dispensing head (2) ending in a conduit (41) discharging the liquid and containing a microporous pad (6) for generating a head loss regulating the liquid flow pushed therethrough into a distribution chamber (31) communicating with said conduit. Said pad is advantageously made of a material inert with respect to the liquid and combined with an antibacterial filtering element (9) preventing outside air from entering the flask. It evenly occupies said body (3) over the whole cross-section of the liquid passage.

Inventors

CHIBRET HENRI

FAURIE MICHEL

LUYCKX JACQUES

DEFEMME ALAIN

COQUEL THIERRY

Latest standardized assignees - inventors removed

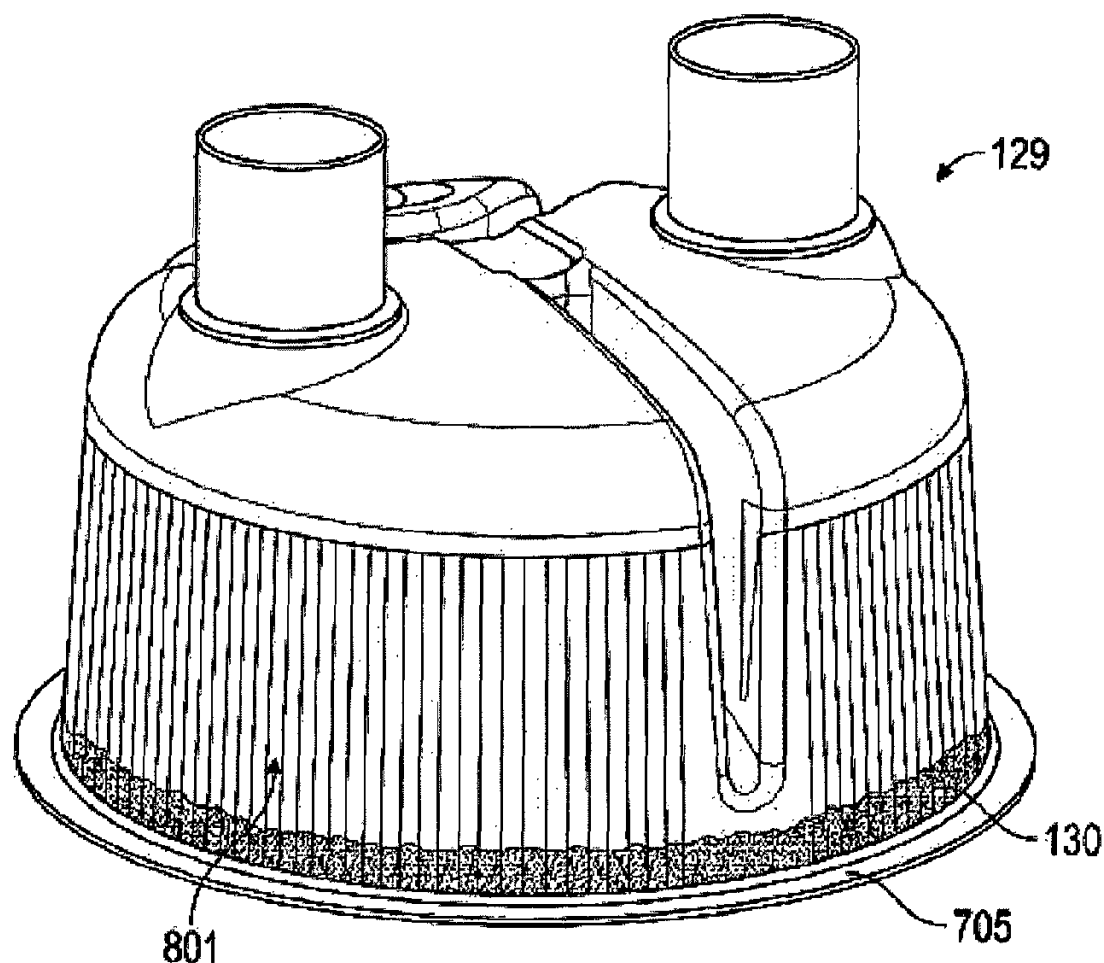
LABORATOIRES THEA

Family 9/100 - FAMPAT - ©Questel

Title

(EP3498327)

Medical tube with microstructures for humidification and condensate management

Images**Publication numbers with kind code & date**

AU2018201175	B2	2020-02-20	AU2018201175
US20200030565	A1	2020-01-30	US20200030565
GB2571443	B	2019-11-20	GB2571443
EP3546004	A1	2019-10-02	EP3546004
GB2571443	A	2019-08-28	GB2571443
US10384030	B2	2019-08-20	US10384030
GB2567082	B	2019-07-31	GB2567082
GB2568409	B	2019-07-31	GB2568409
GB2517381	B	2019-07-17	GB2517381
EP3498327	A1	2019-06-19	EP3498327
US20190175865	A1	2019-06-13	US20190175865
GB2568409	A	2019-05-15	GB2568409
GB2567082	A	2019-04-03	GB2567082
JP2019048079	A	2019-03-28	JP2019048079
JP6490602	B2	2019-03-27	JP6490602
EP2968830	B1	2019-03-06	EP2968830
GB201900629	D0	2019-03-06	GB201900629
GB201900630	D0	2019-03-06	GB201900630
GB201900631	D0	2019-03-06	GB201900631



US10155098	B2	2018-12-18	US10155098				
EP2863975	B1	2018-11-28	EP2863975				
JP2018126536	A	2018-08-16	JP2018126536				
CN108325043	A	2018-07-27	CN108325043				
CN108310574	A	2018-07-24	CN108310574				
CN108310575	A	2018-07-24	CN108310575				
US9974922	B2	2018-05-22	US9974922				
JP6313294	B2	2018-04-18	JP6313294				
AU2013281354	B2	2018-03-22	AU2013281354				
AU2018201175	A1	2018-03-08	AU2018201175				
CN105228680	B	2018-02-13	CN105228680B				
CN107596522	A	2018-01-19	CN107596522				
CN107596529	A	2018-01-19	CN107596529				
CN107596530	A	2018-01-19	CN107596530				
CN104540540	B	2017-07-14	CN104540540B				
EP2968830	A4	2016-10-26	EP2968830				
JP2016511052	A	2016-04-14	JP2016511052				
DE112014001254	T5	2016-01-28	DE112014001254				
US20160015926	A1	2016-01-21	US20160015926				
EP2968830	A1	2016-01-20	EP2968830				
EP2863975	A4	2016-01-13	EP2863975				
CN105228680	A	2016-01-06	CN105228680				
GB2527226	A	2015-12-16	GB2527226				
GB201516690	D0	2015-11-04	GB201516690				
JP2015521520	A	2015-07-30	JP2015521520				
US20150151074	A1	2015-06-04	US20150151074				
EP2863975	A1	2015-04-29	EP2863975				
CN104540540	A	2015-04-22	CN104540540				
DE112013003245	T5	2015-04-02	DE112013003245				
GB2517381	A	2015-02-18	GB2517381				
AU2013281354	A1	2015-01-22	AU2013281354				
WO2014/142677	A1	2014-09-18	WO2014142677				
WO2014/003579	A1	2014-01-03	WO201403579				

Abstract

(EP3498327)

New medical circuit components and methods for forming such components are disclosed. These components include microstructures for humidification and/or condensate management. The disclosed microstructures can be incorporated into a variety of components, including tubes (e.g., inspiratory breathing tubes and expiratory breathing tubes and other tubing between various elements of a breathing circuit, such as ventilators, humidifiers, filters, water traps, sample lines, connectors, gas analyzers, and the like), Y-connectors, catheter mounts, humidifiers, and patient interfaces (e.g., masks for covering the nose and face, nasal masks, cannulas, nasal pillows, etc.), floats, probes, and sensors in a variety of medical circuits.

Inventors

HERMEZ LAITH ADEEB

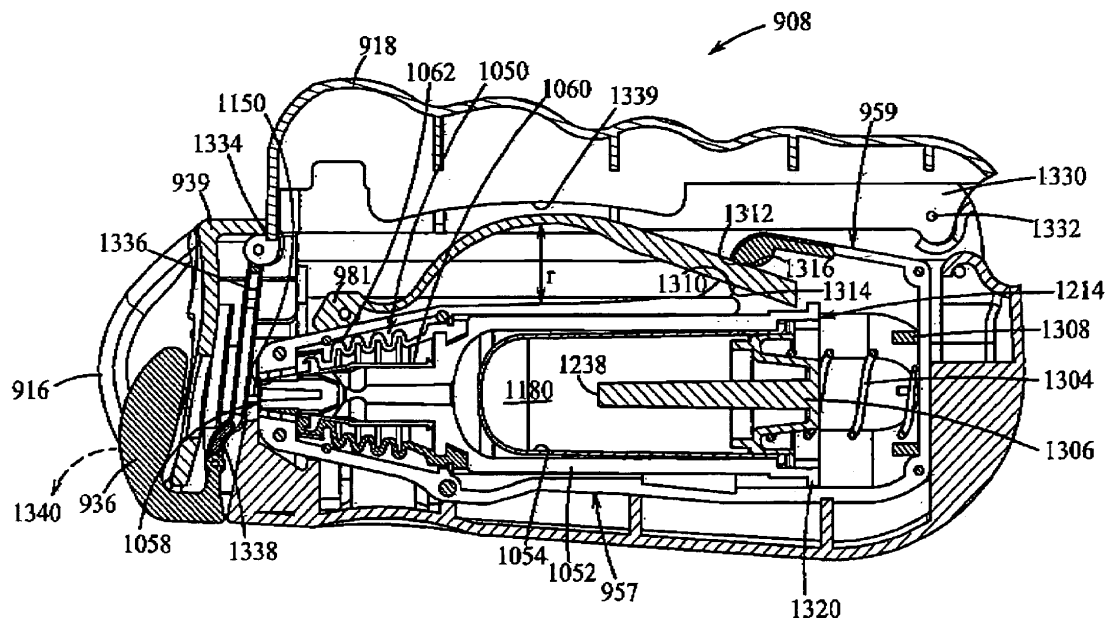
Latest standardized assignees - inventors removed

FISHER & PAYKEL HEALTHCARE

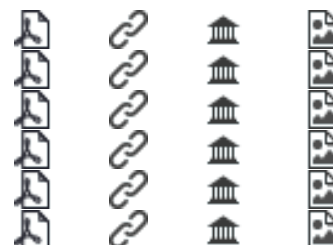
Family 10/100 - FAMPAT - ©Questel

Title

(US7331944)

Ophthalmic **dispenser** and associated method**Images****Publication numbers with kind code & date**

US9668914	B2	2017-06-06	US9668914
US20140371689	A1	2014-12-18	US20140371689
US8757436	B2	2014-06-24	US8757436
US20080197145	A1	2008-08-21	US20080197145
US7331944	B2	2008-02-19	US7331944
US20050029307	A1	2005-02-10	US20050029307

**Abstract**

(US20050029307)

An ophthalmic **dispenser** has a rigid housing defining a **fluid**-receiving chamber, a flexible bladder receivable within the **fluid**-receiving chamber, a pump coupled in **fluid** communication with the **fluid**-receiving chamber, and a nozzle having a valve defining an annular, axially-extending valve seat, an outlet aperture coupled in **fluid** communication between the valve seat and the pump, and a flexible valve cover extending about the valve seat and forming an annular, axially-extending interface therebetween. The valve interface is connectable in **fluid** communication with the outlet aperture, and at least part of the valve cover is movable between (i) a normally closed position with the valve cover engaging the valve seat to close the interface and form a **fluid**-tight seal therebetween, and (ii) an open position with at least part of the valve cover spaced away from the valve seat in response to pumped **fluid** flowing through the outlet aperture at a pressure greater than a valve opening pressure to allow the passage of pressurized **fluid** therebetween. A spring is drivingly connected to the housing and moves at least one of the pump and housing relative to the other to actuate the pump. The rigid housing is mountable within a cartridge which, in turn, is mountable within a **dispenser** housing including an eyelid depressor and a trigger for simultaneously actuating the eyelid depressor and pump.

Inventors

PY DANIEL

ASSION NORBERT M

CHAN JULIAN V

TING JOSEPH M

Latest standardized assignees - inventors removed

DR PY INSTITUTE

Family 11/100 - FAMPAT - ©Questel

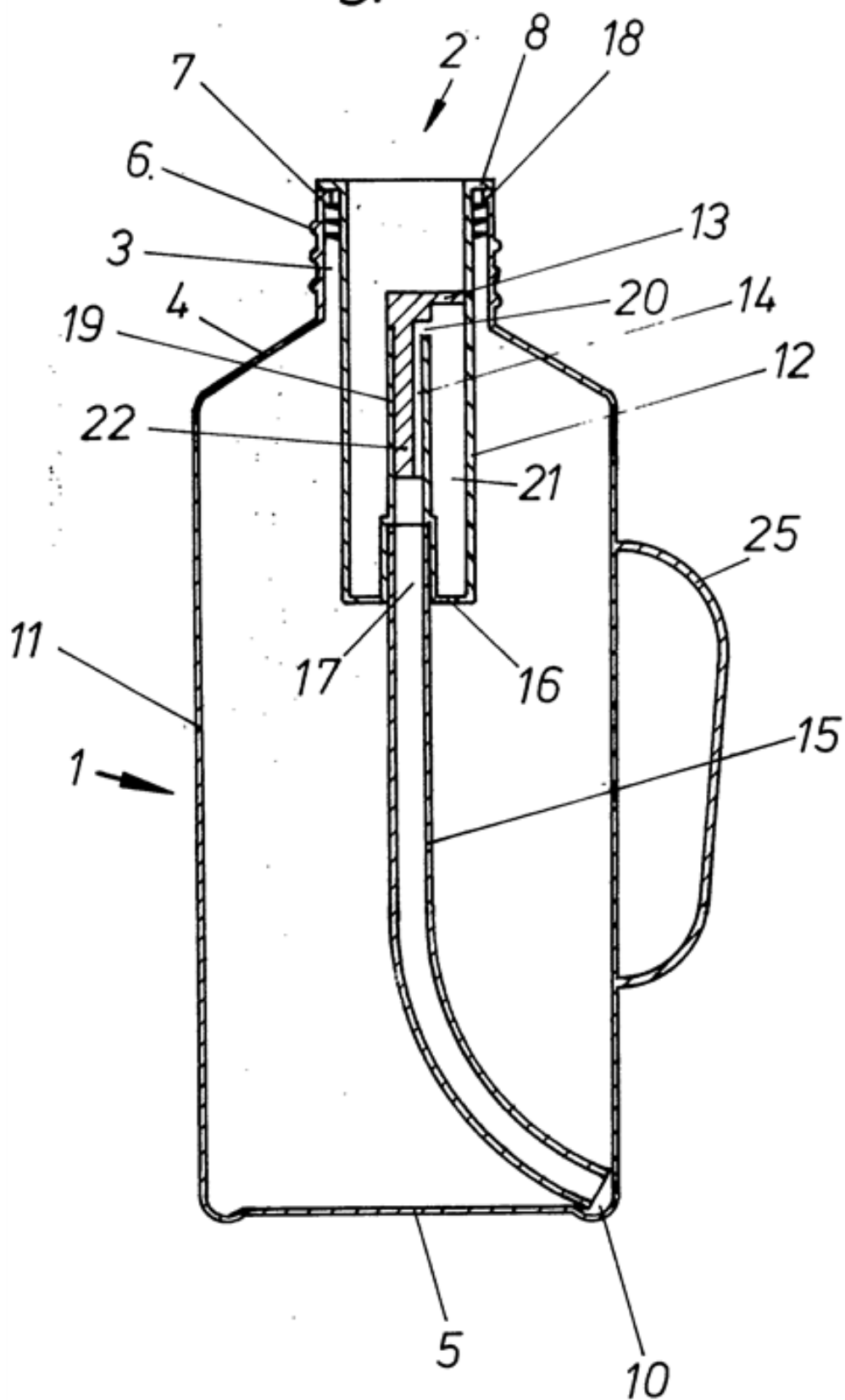
Title

(DE2429626)

Flexible container with fixed volume liquid dispenser - dispenser volume filled by squeezing container and discharged by tilting

Images

Fig.1



509882/0112

Publication numbers with kind code & date[DE2429626](#)

A1 1976-01-08

DE2429626

**Abstract**

(DE2429626)

A flexible container for liquids has a **dispenser** unit fitted in the neck that discharges a specific volume of **fluid**. The flexible plastic container (1) has a narrow neck (6) into which is fixed a rigid **dispenser** canister (12), the outer lip of which is sealed by a flexible ring (8). The fixed **dispenser** volume (21) connects via an opening in the centre stem (20) to a narrow passage (14) coupled to a feeder tube (15). When the flexible container is compressed by hand **fluid** is forced up the tube into the **dispenser** volume (21). Depending upon the volume of the **dispenser** a number of compressions of the container may be necessary.

Inventors

GRUNDMANN HEINRICH

Latest standardized assignees - inventors removed

STUEBBE ARMATUREN

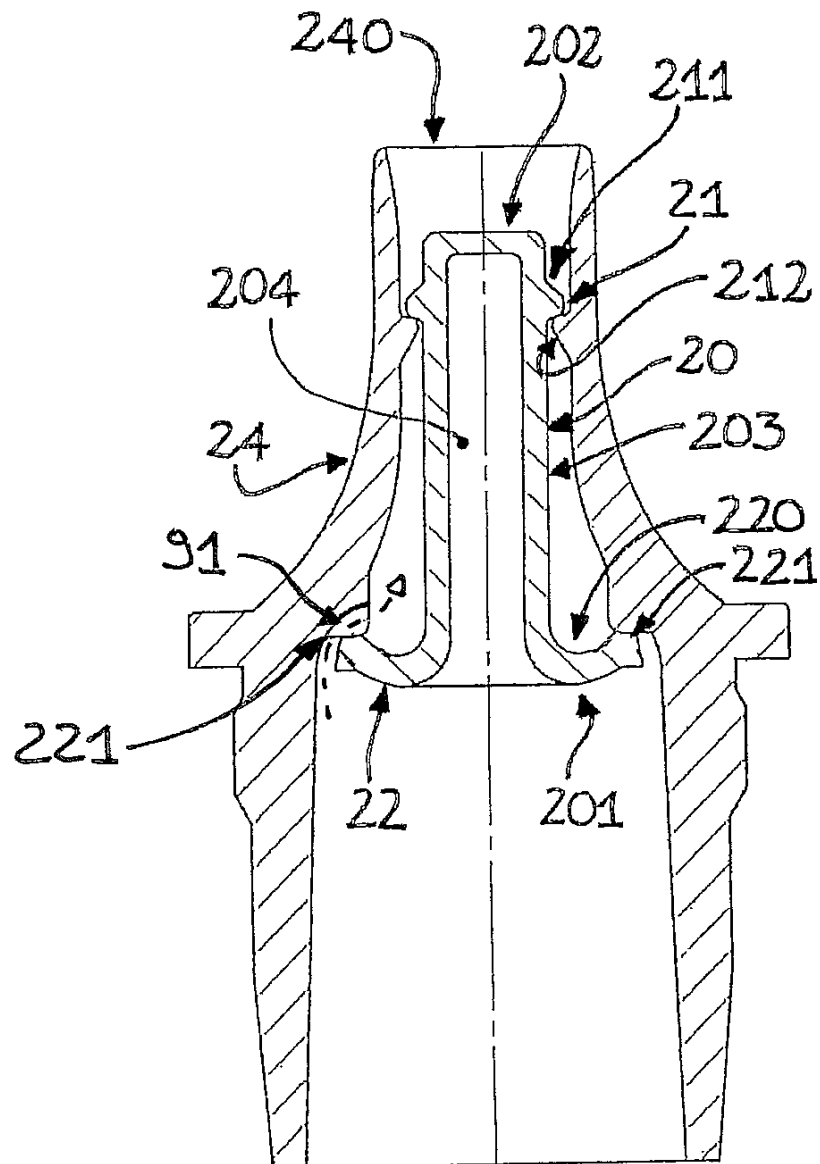
Family 12/100 - FAMPAT - ©Questel

Title

(EP3148707)

Dispenser

Images



Publication numbers with kind code & date

EP3148707	B1	2019-12-11	EP3148707
US10364073	B2	2019-07-30	US10364073
US20170096266	A1	2017-04-06	US20170096266
EP3148707	A1	2017-04-05	EP3148707
MX2016015482	A	2017-03-27	MX2016015482
BR112016027567	A1	2016-12-06	BR112016027567
CA2949621	A1	2015-12-03	CA2949621
WO2015/181730	A1	2015-12-03	WO2015181730



Abstract

(EP3148707)

A **dispenser** for dispensing a liquid or viscous product, comprising a dispensing valve (2). The dispensing valve, in turn, comprises: -product sealing/releasing means (21), which in a first configuration prevents outflow of the product from the **dispenser** and in a second configuration enables outflow of the product from the **dispenser**; -elastic return means (22) for returning the sealing means (21) to the first configuration from the second configuration. The elastic return means (22) and at least part of the product sealing/releasing means (21) are integrated in the same body (20).

Inventors

PAGANUZZI VALERIO

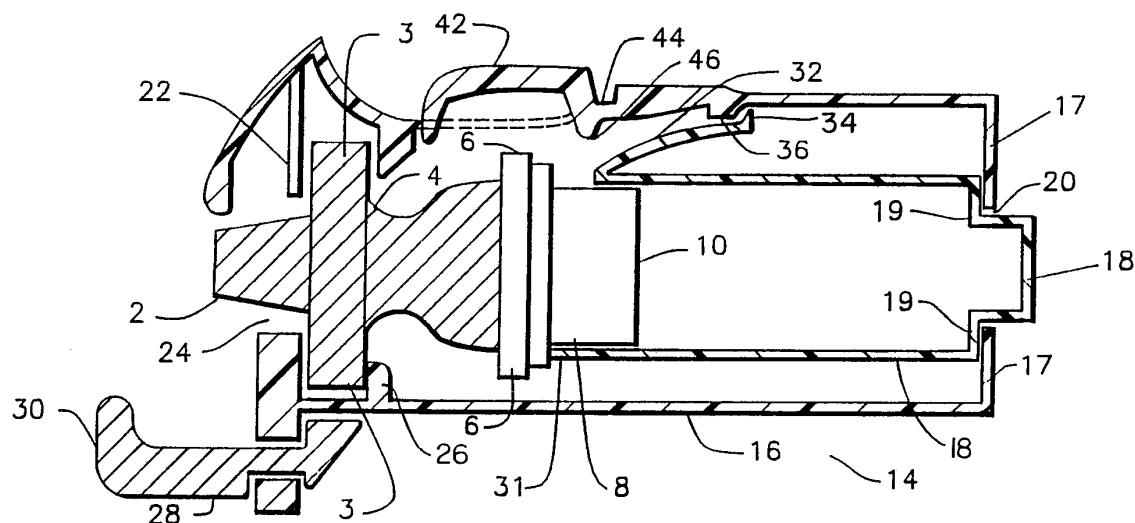
Latest standardized assignees - inventors removed

BORMIOLI PHARMA

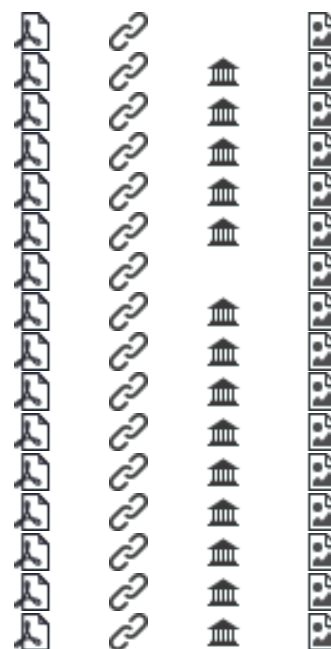
Family 13/100 - FAMPAT - ©Questel

Title

(EP-634944)

Cartridge for applying medicament to an eye from a **dispenser****Images****Publication numbers with kind code & date**

HK1009942	A1	2002-02-22	HK1009942
PT634944	E	2001-12-28	PT-634944
DE69330558	T2	2001-11-22	DE69330558
ES2159521	T3	2001-10-16	ES2159521
DK0634944	T3	2001-10-08	DK-634944T
DE69330558	D1	2001-09-13	DE69330558
AT203921	T	2001-08-15	ATE203921
EP0634944	B1	2001-08-08	EP-634944
USRE37047	E1	2001-02-06	USRE37047
JP2823693	B2	1998-11-11	JP2823693
EP0634944	A4	1995-09-20	EP-634944
JPH07506742	A	1995-07-27	JP07506742
EP0634944	A1	1995-01-25	EP-634944
US5267986	A	1993-12-07	US5267986
AU3806493	A	1993-11-08	AU9338064
WO93/19806	A1	1993-10-14	WO9319806

**Abstract**

(EP0634944)

A cartridge (14) for actuating a piston-like or accordion-like **dispenser**-vial (8) for applying medicament to an eye. The cartridge (14) includes a housing for holding the **dispenser**-vial (8) and a telescoping cylinder (18) for compressing the **dispenser**-vial in the longitudinal direction to actuate the vial. The cartridge includes a locking mechanism (32, 34, 36) for locking the telescoping cylinder to restrict its movement and a trigger mechanism (42) for releasing the cylinder from the locked position so that a drop is released from the **dispenser**. The housing includes a finger (28) for engaging the lower eyelid and exposing the conjunctival cul de sac.

Inventors

PY DANIEL

Latest standardized assignees - inventors removed

ABBOTT MEDICAL OPTICS

MEDINSTILL DEVELOPMENT

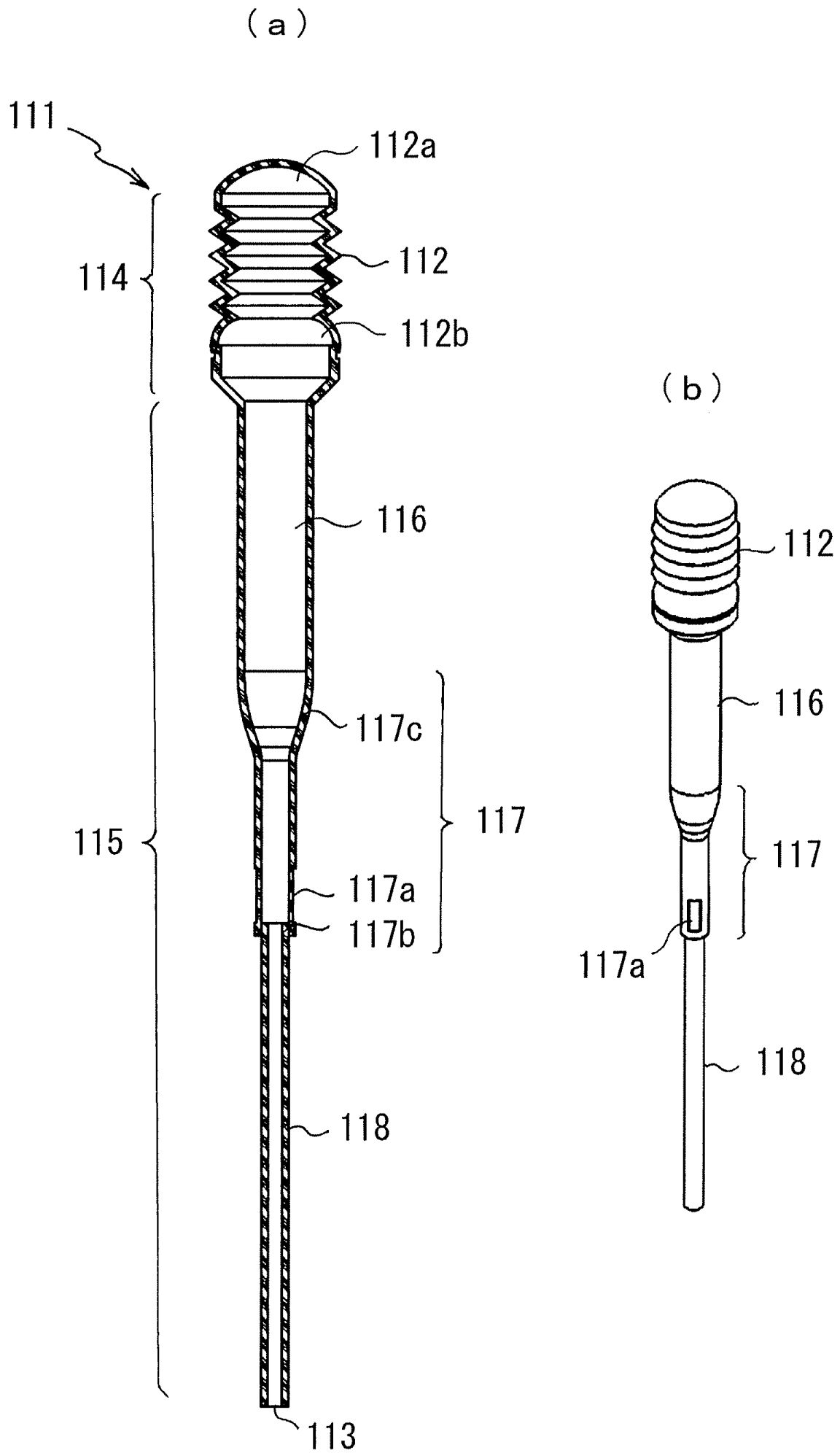
Family 14/100 - FAMPAT - ©Questel

Title

(EP1972945)

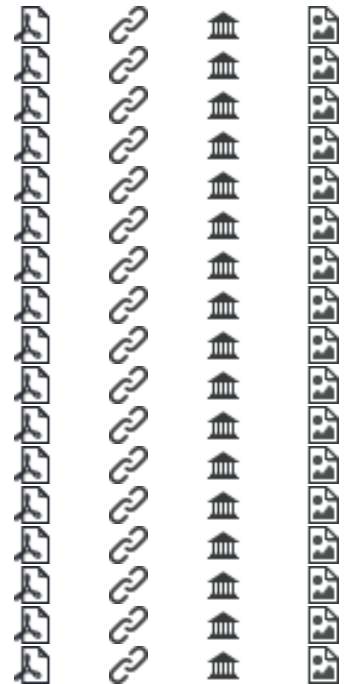
Distortive dispensing chip, distortive dispensing apparatus and method of distortive dispensing processing

Images



Publication numbers with kind code & date

IN297039	B	2018-05-24	IN-297039
US9796521	B2	2017-10-24	US9796521
US20150266658	A1	2015-09-24	US20150266658
US9103808	B2	2015-08-11	US9103808
JP5584268	B2	2014-07-25	JP5584268
TWI415770	B	2013-11-21	TWI415770
JP2013033056	A	2013-02-14	JP2013033056
EP1972945	A4	2013-01-09	EP1972945
JP5143570	B2	2012-11-30	JP5143570
CN101375169	B	2012-07-04	CN101375169B
US20100278698	A1	2010-11-04	US20100278698
CN101375169	A	2009-02-25	CN101375169
IN2826/KOLNP/2008	A	2009-01-30	IN2008KN02826
EP1972945	A1	2008-09-24	EP1972945
TW200734643	A	2007-09-16	TW200734643
JPWO2007081000	A1	2007-07-19	JP2007081000W
WO2007/081000	A1	2007-07-19	WO200781000

**Abstract**

(EP1972945)

There is provided a bellows type dispensing tip, a bellows type dispensing apparatus, and a method of bellows type dispensing processing that performs highly precise dispensing processing despite having a simple structure. The apparatus comprises; two or more bellows type dispensing tips having; an accommodating section that is capable of accommodating a liquid or gas in the interior thereof surrounded by a wall face, and that has a deformable deforming wall face in a portion of the wall face, and an opening section communicated with the accommodating section, through which the liquid to be suctioned/discharged can flow in and flow out due to expansion and contraction of the interior caused by deformation of the deforming wall face; and a dispensing head that supports one or two or more of the bellows type dispensing tips, and that performs suction/discharge of the liquid into or from the bellows type dispensing tip, by deforming the deforming wall face of the bellows type dispensing tip.

Inventors

TAJIMA HIDEJI

Latest standardized assignees - inventors removed

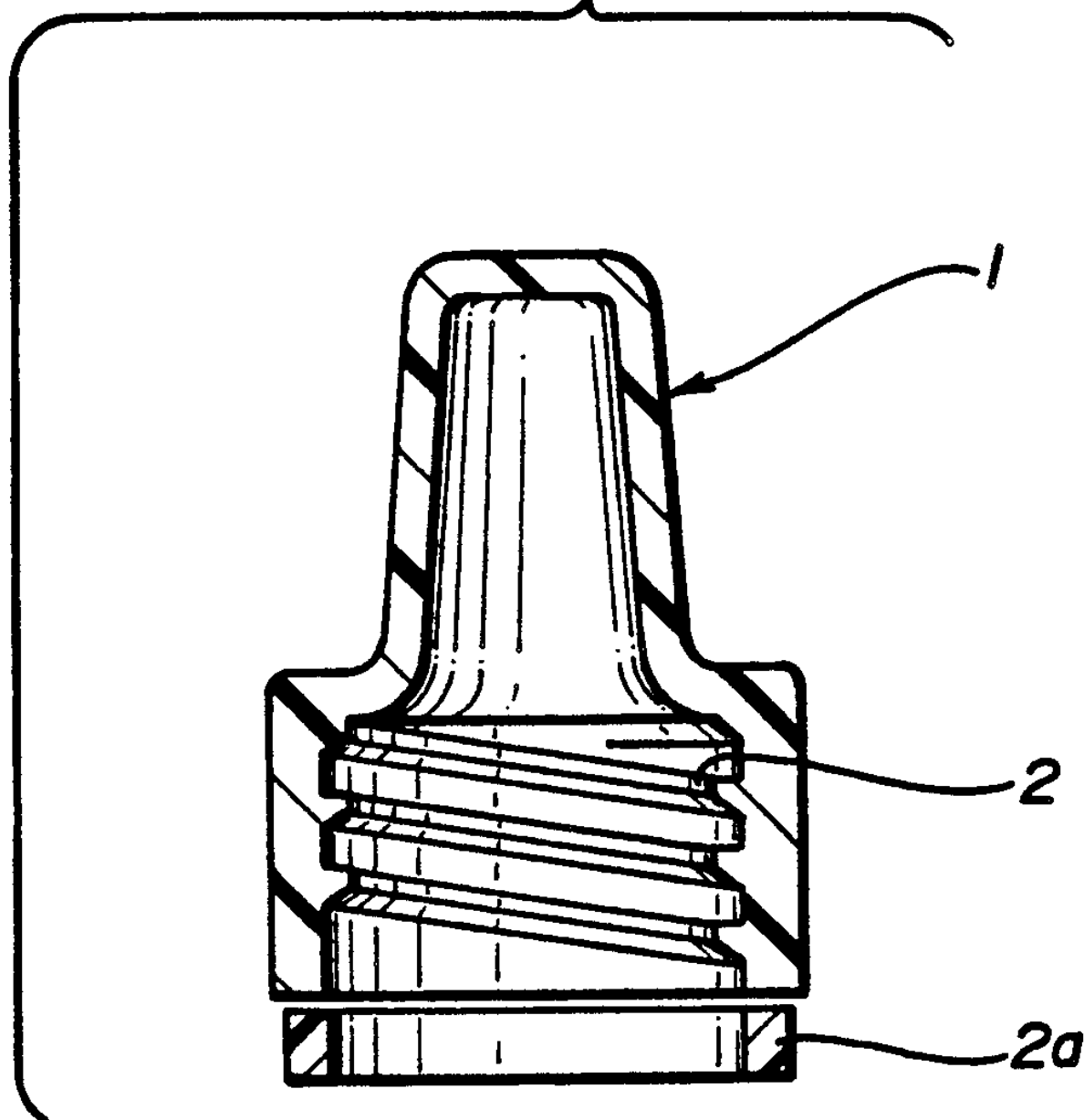
UNIVERSAL BIO RESEARCH

Family 15/100 - FAMPAT - ©Questel

Title

(EP-425025)

Double tip drug dispensing and metering device.

Images*FIG-1***Publication numbers with kind code & date**

PT95656	B	1998-07-31	PT--95656
DE69016350	T2	1995-08-10	DE69016350
ES2070268	T3	1995-06-01	ES2070268
JP1929423	C	1995-05-12	JP1929423
DK0425025	T3	1995-03-27	DK-425025T
DE69016350	D1	1995-03-09	DE69016350
AT117536	T	1995-02-15	ATE117536
EP0425025	B1	1995-01-25	EP-425025
JP6051047	B2	1994-07-06	JP94051047
AU643404	B2	1993-11-11	AU-643404



AR242907	A1	1993-06-30	AR-242907				
BR9005361	A	1991-09-17	BR9005361				
JP03212383	A	1991-09-17	JP03212383				
PT95656	A	1991-08-14	PT--95656				
AU6498590	A	1991-05-02	AU9064985				
EP0425025	A1	1991-05-02	EP-425025				
CA2028348	A1	1991-04-26	CA2028348				
NO904612	L	1991-04-26	NO-904612				
PE10591	A1	1991-03-30	PE9100105				
US5002206	A	1991-03-26	US5002206				
FI905227	A0	1990-10-24	FI9005227				
NO904612	D0	1990-10-24	NO9004612				

Abstract

(EP0425025)

A NOVEL DOUBLE TIP DRUG DISPENSING AND METERING DEVICE HAVING A BELLOWS OR CONVENTIONAL SQUEEZE BODY CONTAINER BETWEEN SAID DOUBLE TIPS, ADAPTED TO SOLD AT LEAST TWO SUBSTANCES IN SOLUTION WHICH ARE REQUIRED TO BE SEPARATED UNTIL JUST PRIOR TO DISPENSATION.

Inventors

ALLEGRETTI JOHN E

SCHLAUDECKER THOMAS E

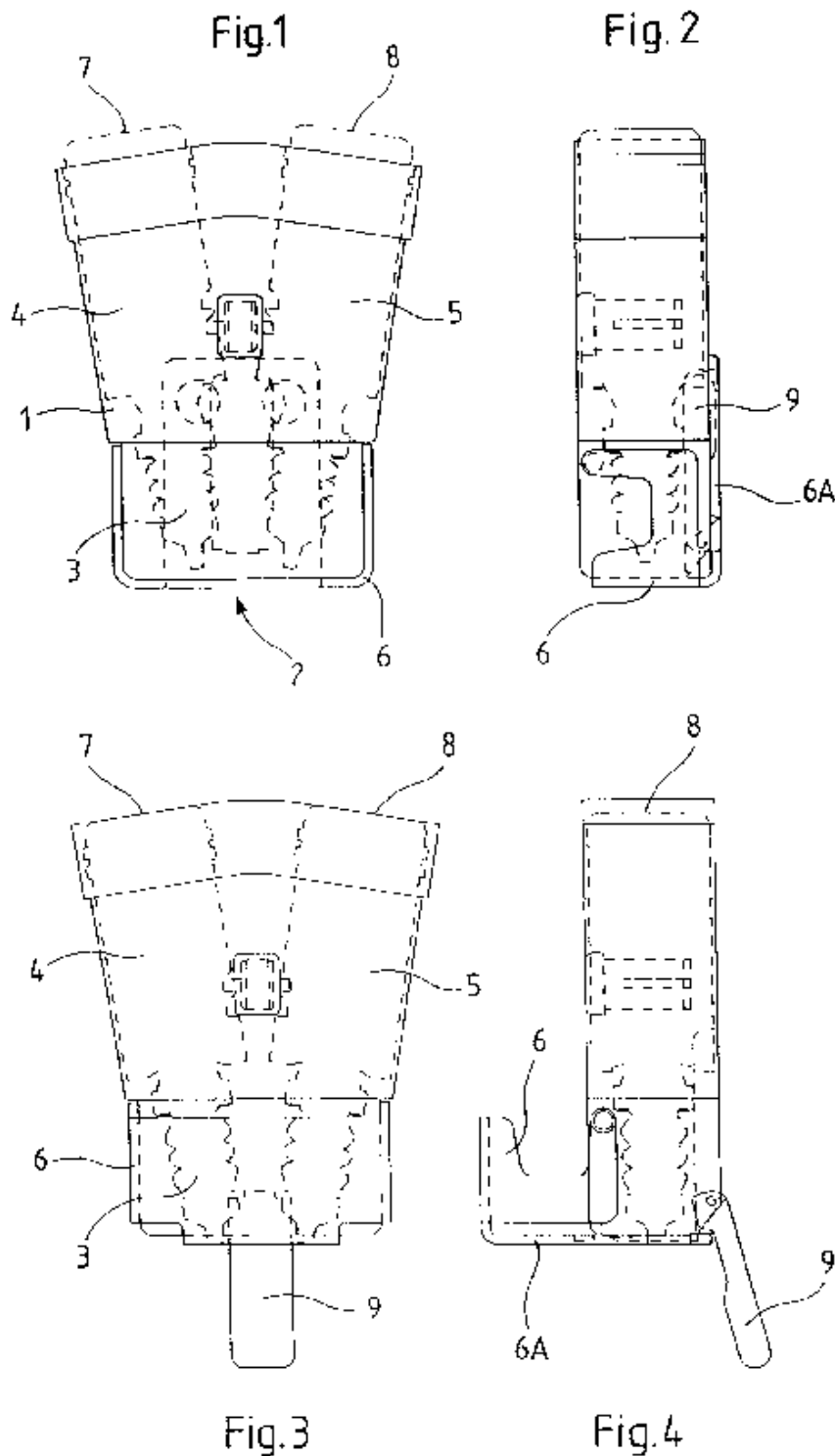
Latest standardized assignees - inventors removed

MERCK SHARP & DOHME

Family 16/100 - FAMPAT - ©Questel

Title

(EP-748617)

Double **dispenser** for medicating fluids**Images****Publication numbers with kind code & date**

CA2177029	C	2006-10-31	CA2177029
JP3805429	B2	2006-05-19	JP3805429
KR100411223	B1	2004-05-31	KR100411223
CN1142752	C	2004-03-24	CN1142752C
DE69625408	T2	2003-10-30	DE69625408



ES2187627	T3	2003-06-16	ES2187627				
DE69625408	D1	2003-01-30	DE69625408				
AT229780	T	2003-01-15	ATE229780				
EP0748617	B1	2002-12-18	EP-748617				
AU709544	B2	1999-09-02	AU-709544				
US5875931	A	1999-03-02	US5875931				
NZ286803	A	1998-09-24	NZ-286803				
BR9602727	A	1998-04-22	BR9602727				
FR2735357	B1	1997-12-05	FR2735357				
AR000016	A1	1997-03-19	AR-----16				
MX9602315	A	1997-01-31	MX9602315				
KR970000203	A	1997-01-21	KR19970000203				
JP09000599	A	1997-01-07	JP09000599				
AU5598396	A	1997-01-02	AU9655983				
CN1138491	A	1996-12-25	CN1138491				
FR2735357	A1	1996-12-20	FR2735357				
EP0748617	A1	1996-12-18	EP-748617				
NO962510	L	1996-12-16	NO-962510				
CA2177029	A1	1996-12-15	CA2177029				
BRPI9602727	A1	1996-11-05	BR9602727				
NO962510	D0	1996-06-13	NO9602510				

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

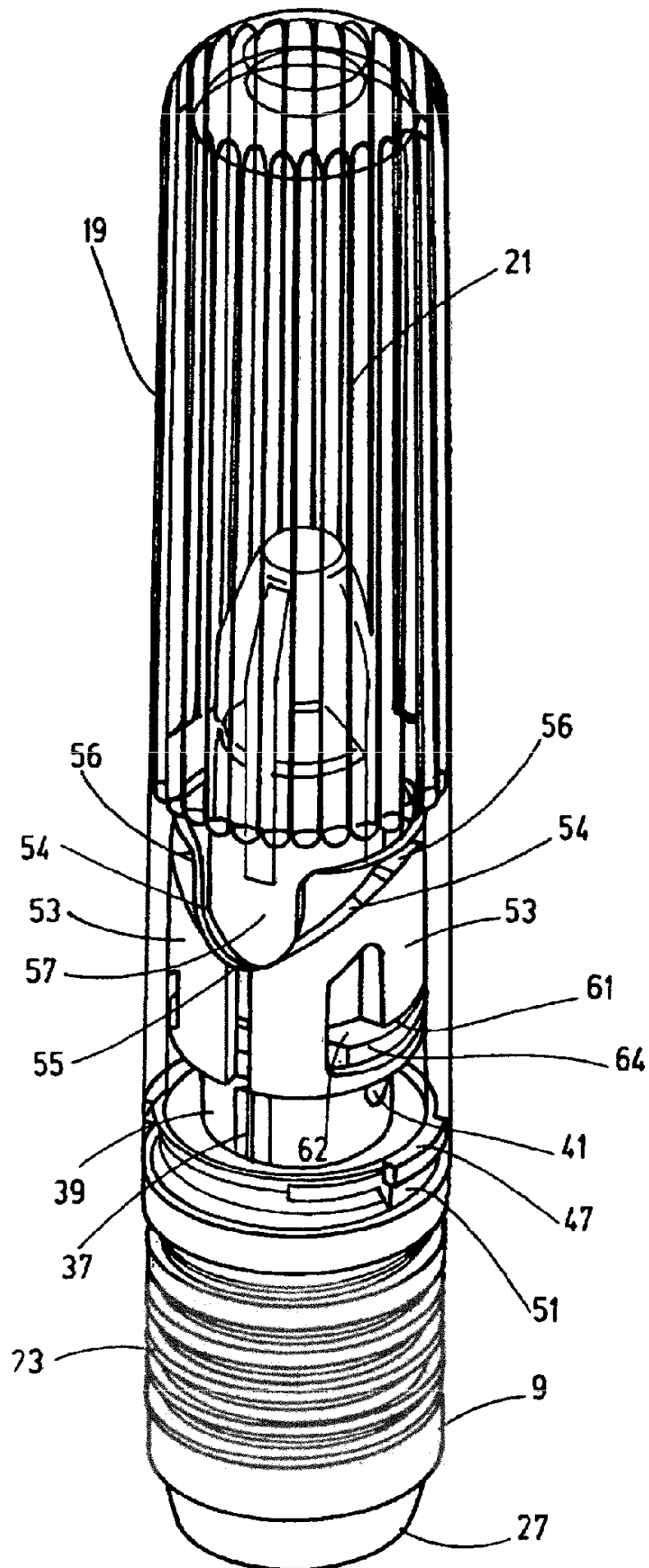
Family 17/100 - FAMPAT - ©Questel

Title

(EP3151885)

Dispensing device with control body in order to axially move a dispensing element

Images



Publication numbers with kind code & date

US10238813	B2	2019-03-26	US10238813				
RU2676636	C2	2019-01-09	RU2676636				
RU2016150208	A3	2018-11-02	RU2016150208				
AU2015271296	B2	2018-07-26	AU2015271296				
RU2016150208	A	2018-07-10	RU2016150208				
JP2017518112	A	2017-07-06	JP2017518112				
US20170128676	A1	2017-05-11	US20170128676				
IN201637038997	A	2017-04-21	IN201637038997				
EP3151885	A1	2017-04-12	EP3151885				
MX2016015951	A	2017-04-05	MX2016015951				
CN106456893	A	2017-02-22	CN106456893				
KR20170018320	A	2017-02-17	KR20170018320				
AU2015271296	A1	2017-02-02	AU2015271296				
SG11201610160R	A	2017-01-27	SG11201610160R				
BR112016026927	A1	2016-11-29	BR112016026927				
DE102014008610	A1	2015-12-17	DE102014008610				
CA2951326	A1	2015-12-10	CA2951326				
WO2015/185181	A1	2015-12-10	WO2015185181				

Abstract

(EP3151885)

A dispensing device comprising a container, the receiving space of which contains a dispensable medium which can be extracted via a dispensing element of the device for an extraction process, and having a control body (19), which brings a connecting body (11), guided in a longitudinally displaceable manner in a housing part (9), from an inactive base position to an active extraction position by means of a rotational movement, wherein a media-carrying connection is created between the receiving space and the dispensing element, wherein at least one control part of the control body (19) can be attached to at least one control path (54) of the connecting body (11), wherein when the control body (19) moves rotationally, each control part, as seen in relation to the housing part (9), follows the rotational movement in an axially unchanged manner and brings said connecting body from the base position to the extraction position via each associable control path (54) of the connecting body (11), wherein said control path comprises a slope.

Inventors

SPALLEK MICHAEL

GESER JOHANNES

HAMMER ALEXANDER

BEIER ALEXANDER

MUFF ALEXANDER

Latest standardized assignees - inventors removed

KOCHER PLASTIK MASCHINENBAU

Family 18/100 - FAMPAT - ©Questel

Title

(WO201784626)

Distributor and container comprising distributor

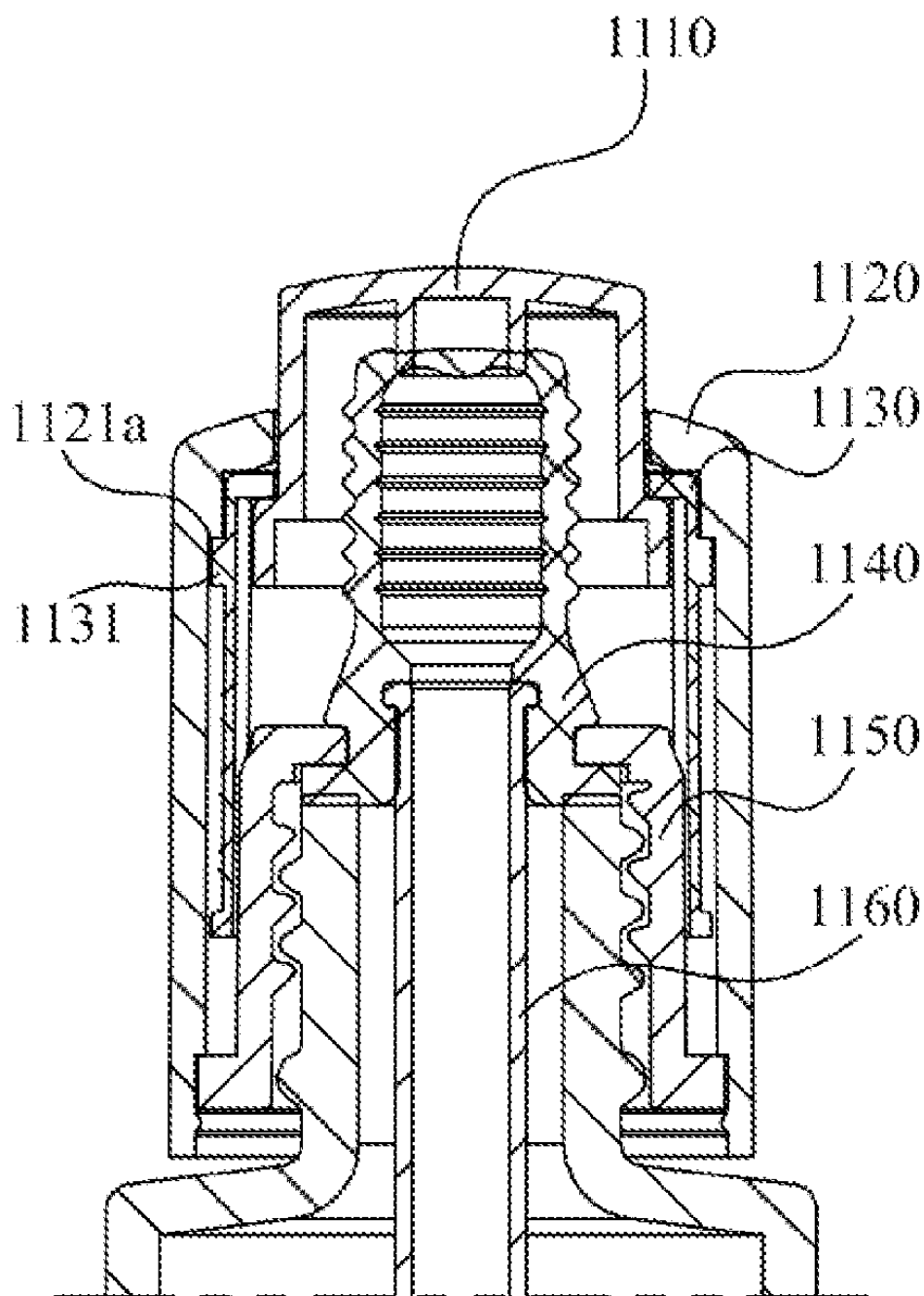
Images

图5

Publication numbers with kind code & date

CN106742646	B	2019-04-05	CN106742646B
CN106742646	A	2017-05-31	CN106742646
WO2017/084626	A1	2017-05-26	WO201784626

**Abstract**

(WO2017/084626)

A distributor (1100) and a container (1000) for containing liquid. The distributor comprises: a rotatable housing (1120),

provided with a slope (1121) on an inner wall surface of the housing (1120); a piston (1130), disposed in the housing and provided with a protrusion (1131) on a peripheral surface, the protrusion abutting against the slope upwards; a fixing member (1150), disposed in the piston and provided with a longitudinal guide rail (1151) on a peripheral surface of the fixing member, the piston moving along the longitudinal guide rail; a button, extending to penetrate through the piston, wherein the button moves down along with the piston, and the piston moves up along with the button; an elastic component (1140), having a chamber provided below the button, such that the button compresses the elastic component when moving down so as to establish a positive pressure in the chamber, and the elastic component pushes the button up during returning so as to establish a negative pressure in the chamber; and a pipette (1160), the pipette being in fluidic communication with the chamber.

Inventors

HAN HONG

HSIAO TZU HO

Latest standardized assignees - inventors removed

ALBEA PLASTIC METALLIZING TECHNOLOGY

US4579153	A	1986-04-01	US4579153				
ES280489	U	1985-10-16	ES-280489U				
JPS6057216	A	1985-04-03	JP60057216				
GB2143220	A	1985-02-06	GB2143220				
DE3425900	A1	1985-01-24	DE3425900				
FR2549015	A1	1985-01-18	FR2549015				
BE900141	A	1985-01-14	BE-900141				
GB8416751	D0	1984-08-08	GB8416751				
IT8453635	V0	1984-07-12	IT8453635U				
IT8467711	D0	1984-07-12	IT8467711				

Abstract

(US4579153)

A drop **dispenser** for liquid or pasty substances such as beauty creams has a bottle and a stoppering device in which the stoppering device includes a piston spring biased to resist depression of the piston to dispense the contents of the bottle drop-by-drop.

Inventors

GONCALVES ANTONIN L

Latest standardized assignees - inventors removed

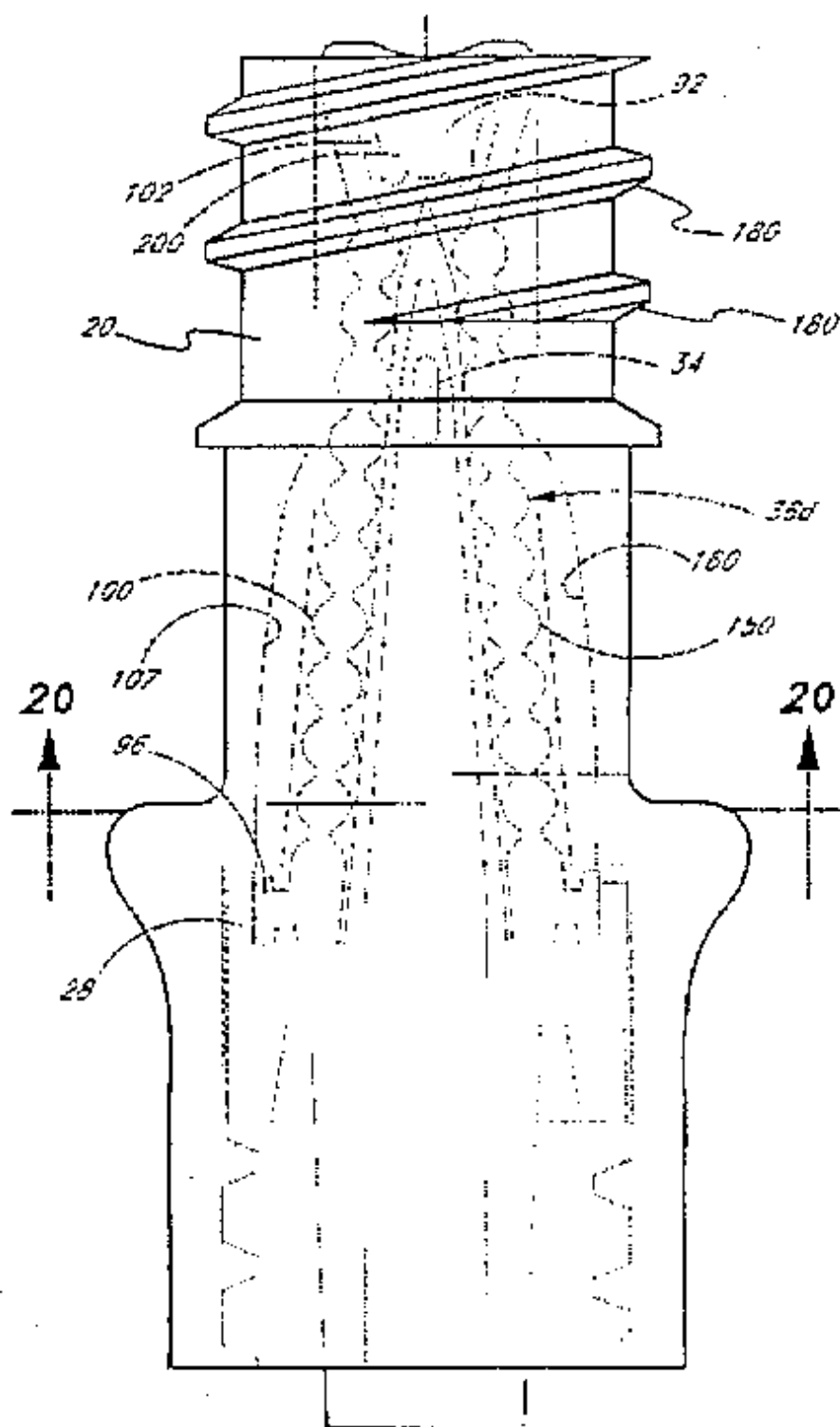
L'OREAL

Family 20/100 - FAMPAT - ©Questel

Title

(EP-681493)

Medical valve

Images

Publication numbers with kind code & date

[HK1059231](#)

A1 2010-09-24

HK1059231



CN100591390	C	2010-02-24	CN100591390C				
AU2006201656	B2	2007-07-05	AU2006201656				
CA2124822	C	2007-07-03	CA2124822				
CN1915450	A	2007-02-21	CN1915450				
AU2006201656	A1	2006-05-25	AU2006201656				
AU744283	C	2005-06-02	AU-744283				
ES2215359	T3	2004-10-01	ES2215359				
DE69233329	T2	2004-08-05	DE69233329				
PT988871	E	2004-07-30	PT-988871				
DK0988871	T3	2004-05-24	DK-988871T				
DE69233329	D1	2004-04-29	DE69233329				
AT262361	T	2004-04-15	ATE262361				
EP0988871	B1	2004-03-24	EP-988871				
CN1130238	C	2003-12-10	CN1130238C				
CN1443579	A	2003-09-24	CN1443579				
FI109661	B	2002-09-30	FI-109661				
NZ507258	A	2002-09-27	NZ-507258				
AU744283	B2	2002-02-21	AU-744283				
NO310805	B1	2001-09-03	NO-310805				
NZ334983	A	2001-03-30	NZ-334983				
DE69231208	T2	2001-02-22	DE69231208				
HK1009592	A1	2001-01-23	HK1009592				
GR3034341	T3	2000-12-29	GR3034341				
PT681493	E	2000-12-29	PT-681493				
KR100273834	B1	2000-12-15	KR100273834				
DK0681493	T3	2000-10-23	DK-681493T				
US6132403	A	2000-10-17	US6132403				
ES2147748	T3	2000-10-01	ES2147748				
DE69231208	D1	2000-08-03	DE69231208				
AT194086	T	2000-07-15	ATE194086				
EP0681493	B1	2000-06-28	EP-681493				
EP0988871	A3	2000-05-24	EP-988871				
NZ328241	A	2000-04-28	NZ-328241				
EP0988871	A2	2000-03-29	EP-988871				
US5928204	A	1999-07-27	US5928204				
AU707492	B2	1999-07-08	AU-707492				
AU2699899	A	1999-07-01	AU9926998				
US5873862	A	1999-02-23	US5873862				
US5694686	A	1997-12-09	US5694686				
US5685866	A	1997-11-11	US5685866				
NZ246243	A	1997-08-22	NZ-246243				
BG61386	B1	1997-07-31	BG--61386				
AU6444196	A	1996-11-07	AU9664441				
OA10067	A	1996-10-14	OA--10067				
RU94030466	A	1996-05-20	RU94030466				
RU94030466	A1	1996-05-20	RU94030466				
BR9206940	A	1995-11-28	BR9206940				
EP0681493	A1	1995-11-15	EP-681493				
SK74194	A3	1995-09-13	SK9400741				
JPH07505064	A	1995-06-08	JP07505064				
BG98816	A	1995-05-31	BG--98816				
HUT67968	A	1995-05-29	HU-T67968				

KR19947003696	A	1994-12-12	KR19947003696				
CZ149294	A3	1994-11-16	CZ9401492				
HU9401728	D0	1994-09-28	HU9401728				
NO942318	L	1994-08-17	NO-942318				
FI942929	A	1994-06-17	FI9402929				
FI942929	A0	1994-06-17	FI9402929				
NO942318	D0	1994-06-17	NO9402318				
CN1077654	A	1993-10-27	CN1077654				
AU3233193	A	1993-07-19	AU9332331				
MX9207380	A	1993-07-01	MX9207380				
CA2124822	A1	1993-06-24	CA2124822				
CA2588574	A1	1993-06-24	CA2588574				
WO93/11828	A1	1993-06-24	WO9311828				

Abstract

(EP0681493)

A closed system, needleless valve device includes a generally tubular body (20) defining an internal cavity. On the proximal end of the body there is an opening (25A) which is preferably sufficiently large to receive an ANSI standard tip of a medical implement. The distal end of the body has a generally tubular skirt (16). The valve also includes a hollow spike (24) having a closed tip. The spike includes at least one longitudinal 18-gauge hole (34) located distal the tip, and is seated inside the cavity such that the tip is below the proximal end of the body. An annular support cuff (28) is connected to the spike which seals off a portion of the cavity of the body such that an upper cavity containing the tip is defined. The valve also includes a plastic, resilient silicone seal (36) which fills the upper cavity and opening and covers the tip of the spike so as to present a flush surface. An adaptor enables the valve to be attached to a resealable container.

Inventors

LOPEZ GEORGE A

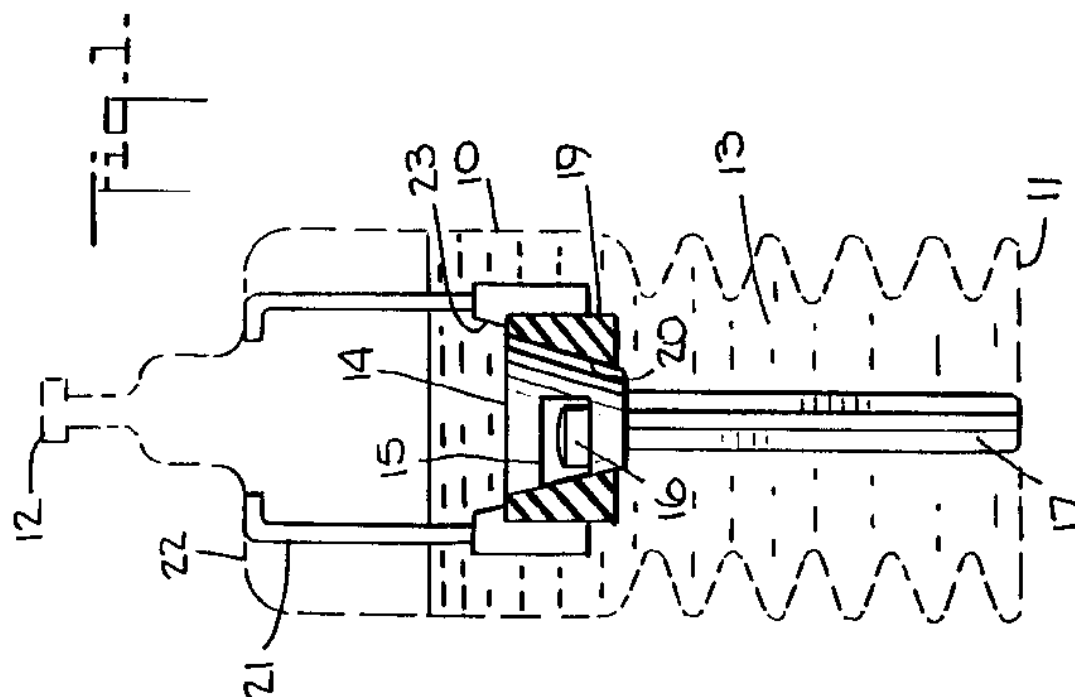
Latest standardized assignees - inventors removed

ICU MEDICAL

Family 21/100 - FAMPAT - ©Questel

Title

(EP-509754)

Dispenser device**Images****Publication numbers with kind code & date**

JP1901007	C	1995-01-27	JP1901007
JP6011285	B2	1994-02-16	JP94011285
JP05111523	A	1993-05-07	JP05111523
EP0509754	A3	1993-04-07	EP-509754
EP0509754	A2	1992-10-21	EP-509754
IE921238	A1	1992-10-21	IE9201238
CA2065814	A1	1992-10-19	CA2065814

**Abstract**

(EP0509754)

A single chambered plastic bottle is provided with a dislodgeable holder device having a recess to hold a solid medicament free of contact with a liquid filling the bottle, whereby components of a mixture may be maintained separately until comingling is desired. The holder device is dislodged by means of a plunger activated by depression of the flexible bottom of the bottle. <IMAGE>

Inventors

BUNIN, LEO

Latest standardized assignees - inventors removed

MERCK SHARP & DOHME

CA2150910	C	1999-06-15	CA2150910				
AU680304	B2	1997-07-24	AU-680304				
NZ274412	A	1997-06-24	NZ-274412				
JPH08506755	A	1996-07-23	JP08506755				
CN1115565	A	1996-01-24	CN1115565				
EP0676972	A1	1995-10-18	EP-676972				
AU7844194	A	1995-05-01	AU9478441				
CA2150910	A1	1995-04-13	CA2150910				
WO95/09669	A1	1995-04-13	WO9509669				
US5401259	A	1995-03-28	US5401259				

Abstract

(EP0676972)

This invention is a cartridge (10) for actuating a piston-like or accordion-like **dispenser** vial for applying medicament to an eye. The cartridge (10) includes a housing for holding the **dispenser** vial and a telescoping cylinder (18) for compressing the **dispenser** vial in the longitudinal direction to actuate the vial. The cartridge includes a locking mechanism (43) for locking the telescoping cylinder (18) to restrict its movement and a lever mechanism for releasing the cylinder from the locked position so that a drop is released from the **dispenser**. The housing includes a finger (57) for engaging the lower eyelid and exposing the conjunctival cul-de-sac.

Inventors

PY DANIEL

Latest standardized assignees - inventors removed

ABBOTT MEDICAL OPTICS

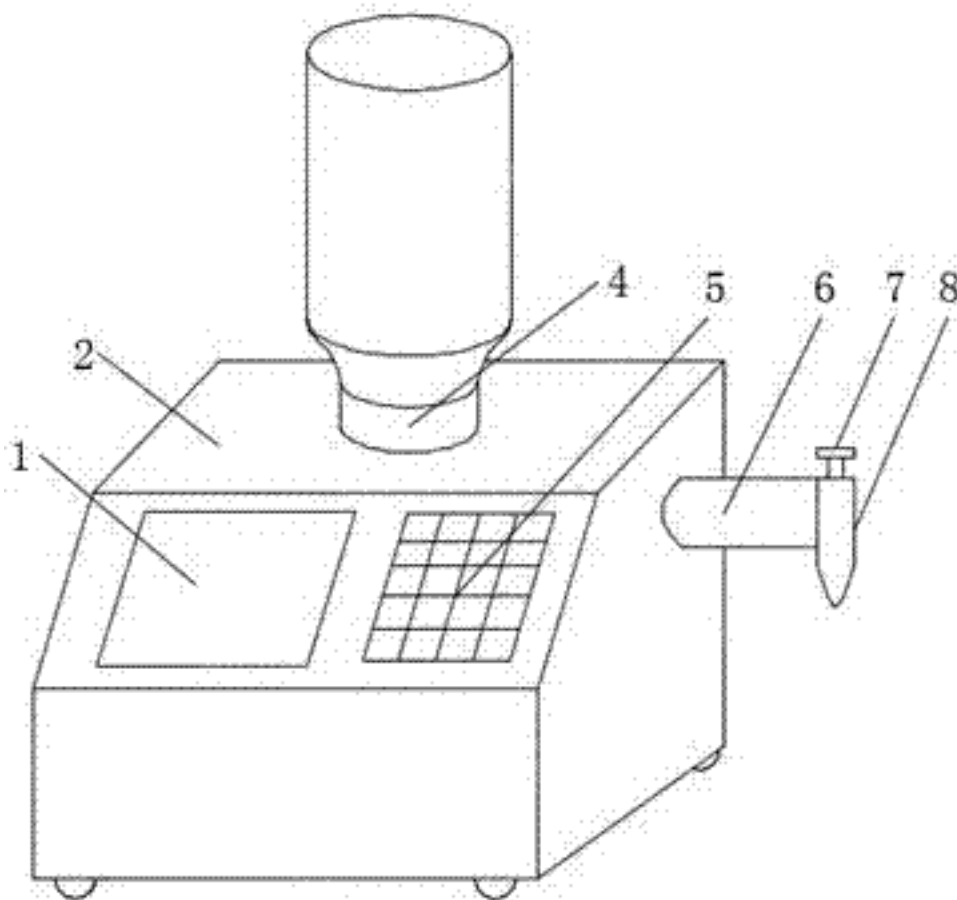
MAEJ C O O DONNELL & TESSITORE

Family 23/100 - FAMPAT - ©Questel

Title

(CN207389610U)

Medical dropping liquid sub -packaging device

Images**Publication numbers with kind code & date**[CN207389610](#)

U

2018-05-22

CN207389610U

**Abstract**

(CN207389610)

The utility model relates to a medical dropping liquid sub -packaging device, its characterized in that, it includes sub -packaging device body, control panel, drain pipe and measuring pump, the top of sub -packaging device body is provided with the connector, openly is provided with control panel, is provided with the inner chamber in the middle of inside, is provided with the measuring pump in the inner chamber, and the measuring pump passes through feed liquor pipeline intercommunication connector, and through liquid outlet pipe intercommunication drain pipe one end, and the drain pipe other end passes sub -packaging device body intracavity lateral wall, and this is external to stretch out sub -packaging device, and is stretching out one end and be provided with the titrating head, control panel one side sets up the display screen, and the opposite side is provided with a plurality of buttons, and the measuring pump is connected to the control panel electricity, and control is adjusted and is divided the liquid measure. The advantage is reasonable in design, and simple structure improves labor efficiency, reduces the amount of labour, improves the accuracy of partial shipment moreover.

Inventors

ZHANG HUIQIN

KANG YIQIN

ZONG JIANHUA

Family 24/100 - FAMPAT - ©Questel

Title

(FR2305365)

Dispenser for liquids or pastes - has flexible container with nozzle and bellows inside two part rigid plastic support

Images

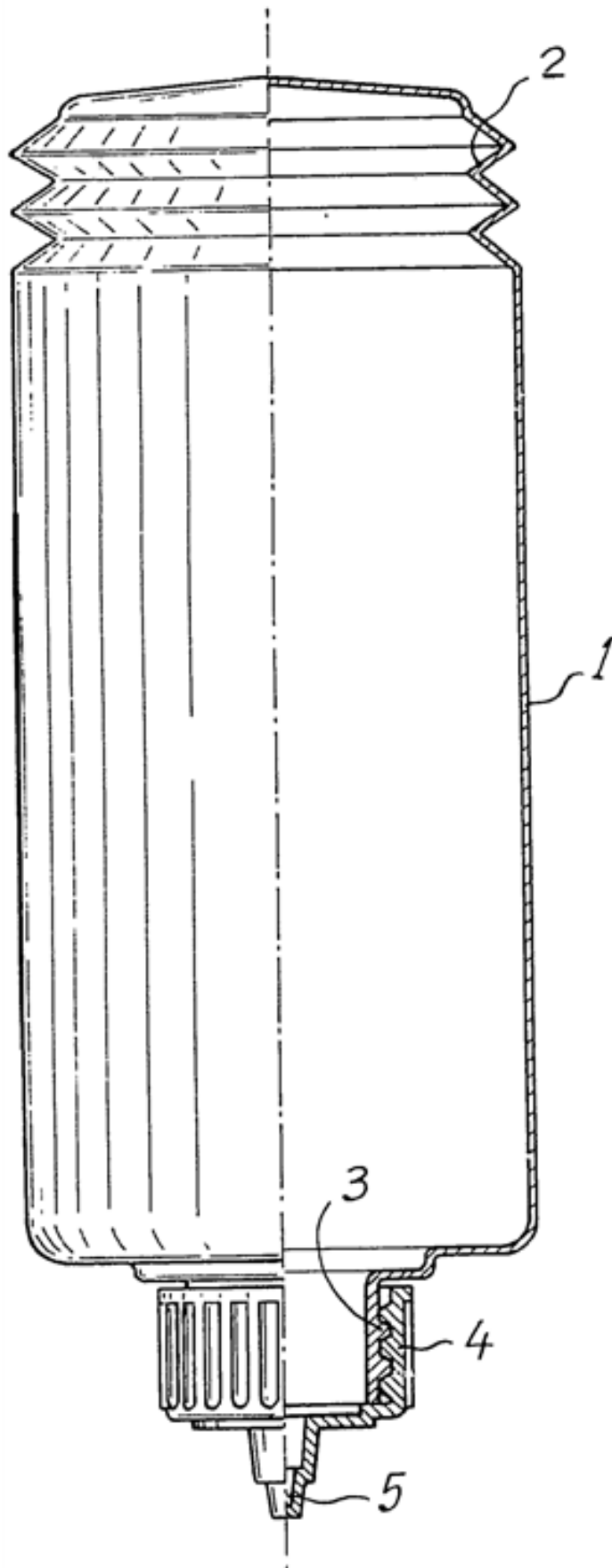


Fig. 1

Publication numbers with kind code & date

IT1057778	B	1982-03-30	IT1057778
FR2305365	B1	1981-05-29	FR2305365
DE7608170	U1	1976-10-28	DE7608170
FR2305365	A1	1976-10-22	FR2305365

**Abstract**

(FR2305365)

The **dispenser** consists of an inner reservoir (1) with a bellows formed on one end and a nozzle (5) fixed to the other end. The reservoir is supported inside a two-part container. The lower part has a device by which it can be mounted on a wall, and an opening (7) for the end of the nozzle. Movement of the upper part relative to the lower compresses the inner reservoir expelling the contents. The nozzle dimensions are dependant on the viscosity of the liquid. The nozzle diameter increases and its length decreases as the viscosity increases.

Inventors

SANCY PIERRE DE

Latest standardized assignees - inventors removed

SEPPIC

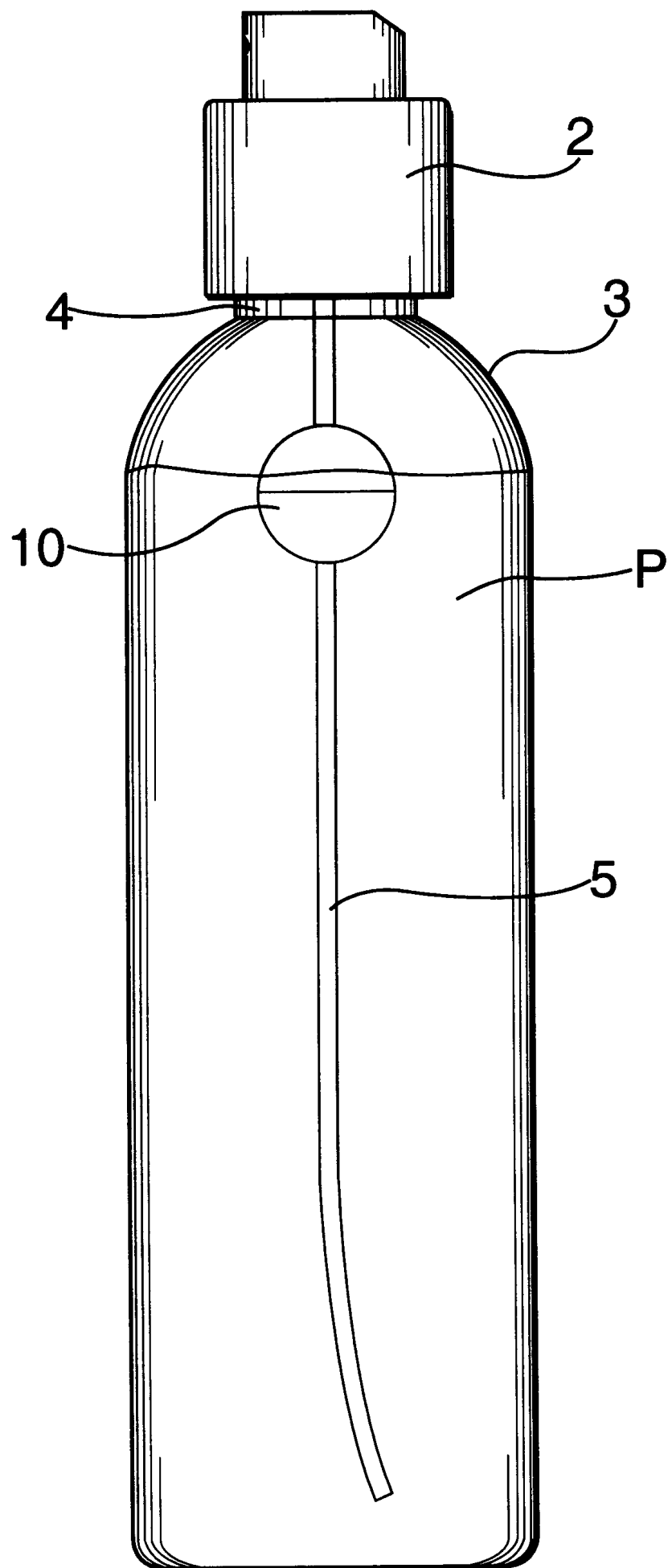
Family 25/100 - FAMPAT - ©Questel

Title

(EP-975523)

Package containing dispensing device with magnet

Images



Publication numbers with kind code & date

CA2296111	C	2008-01-08	CA2296111
JP4049340	B2	2007-12-07	JP4049340
DE69918614	T2	2005-07-21	DE69918614
ES2224608	T3	2005-03-01	ES2224608
HK1025080	A1	2005-02-18	HK1025080
DE69918614	D1	2004-08-19	DE69918614
AT271005	T	2004-07-15	ATE271005
EP0975523	B1	2004-07-14	EP-975523
AU752400	B2	2002-09-19	AU-752400
JP2001523201	A	2001-11-20	JP2001523201
KR20010006473	A	2001-01-26	KR20010006473
US6170711	B1	2001-01-09	US6170711
EP0975523	A1	2000-02-02	EP-975523
WO99/42376	A9	1999-11-04	WO9942376
AU2683199	A	1999-09-06	AU9926831
CA2296111	A1	1999-08-26	CA2296111
WO99/42376	A1	1999-08-26	WO9942376

**Abstract**

(EP0975523)

The present invention relates to a container for dispensing a **fluid** product, the container having a dispensing device (2, 5) on or within which is placed at least one magnet (P).

Inventors

SHERMAN ADAM

TADLOCK CHARLES C

BEVACQUA ANDREW J

Latest standardized assignees - inventors removed

E L MANAGEMENT

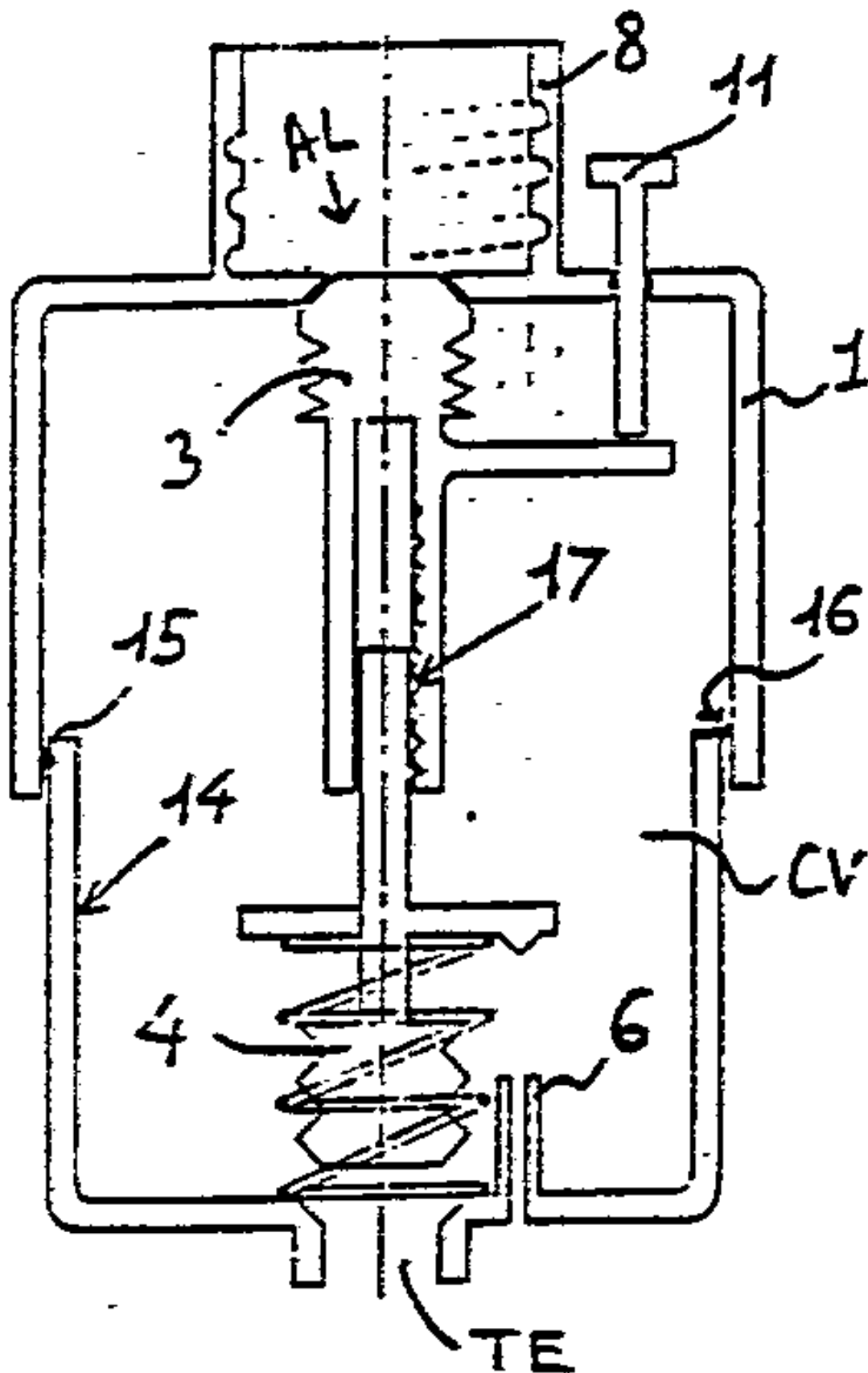
Family 26/100 - FAMPAT - ©Questel

Title

(WO9008707)

Pouring and/or dosing **dispenser** for liquids or powder

Images



AU5044790	A	1990-08-24	AU9050447
FR2642728	A1	1990-08-10	FR2642728
WO90/08707	A1	1990-08-09	WO9008707

**Abstract**

(WO90/08707)

Pouring and/or dosing **dispenser** for liquids or powder. The dispenser, consists of a passage or chamber (CV) having, a loading inlet (AL) for the substances and opposite, a discharge outlet (TE) for said substances, comprising at least one valve (3, 4) designed to close at least one of these two openings (AL, TE) by cooperating with a seating (S3, S4) towards which or away from which it moves, operating means (11) for externally shifting said valve (3, 4) and, preferably, an air inlet (6) located at a distance from the discharge outlet (TE).

Inventors

CHARLELET MICHEL

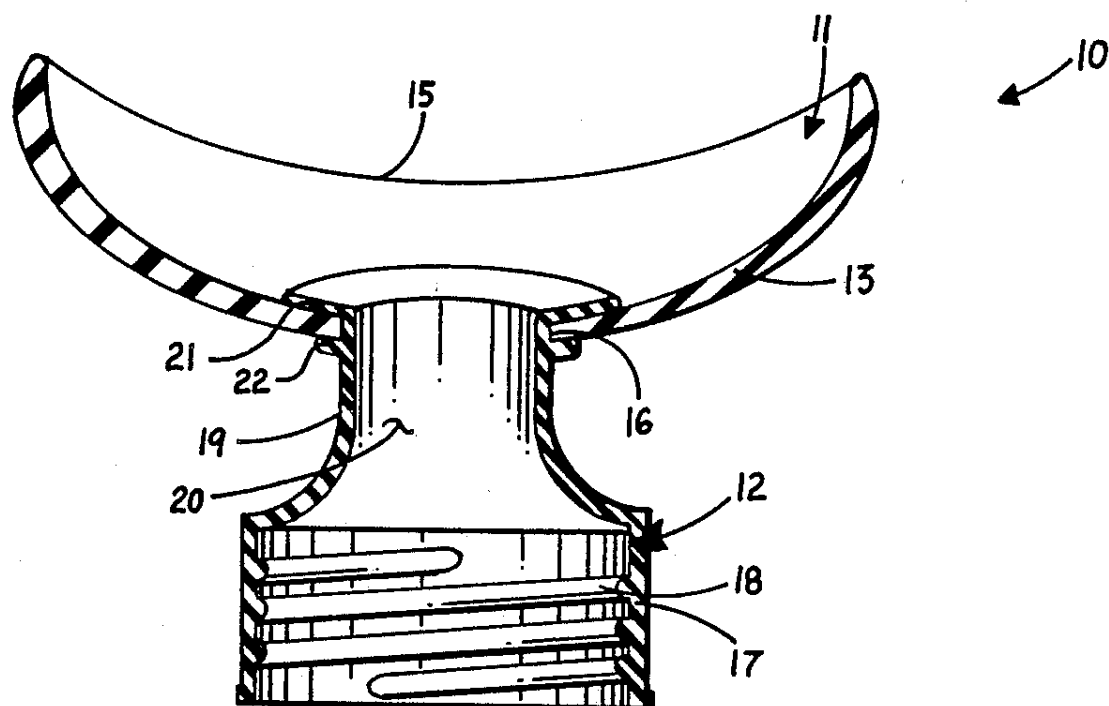
Latest standardized assignees - inventors removed

CHARLELET MICHEL

Family 27/100 - FAMPAT - ©Questel

Title

(US4834728)

Eye drop **dispenser** apparatus**Images****Publication numbers with kind code & date**[US4834728](#)

A 1989-05-30

US4834728

**Abstract**

(US4834728)

A selectively securable eye drop **dispenser** apparatus as set forth wherein a replacement cap for use of the conventional eye drop dispensers has formed a threaded cylindrical portion for securement to the aforementioned conventional eye drop bottle including an orifice portion directed to an eye cup portion for operative associated with a human eye. The eye cup portion is formed of a flexible plastic-like material for enabling conformity to an associated human eye wherein the cylindrical threaded portion is formed of relatively stiff plastic-like material for maintaining desired registry and orientation of the associated orifice portion with the eye drop bottle.

Inventors

MCKENNA BILL

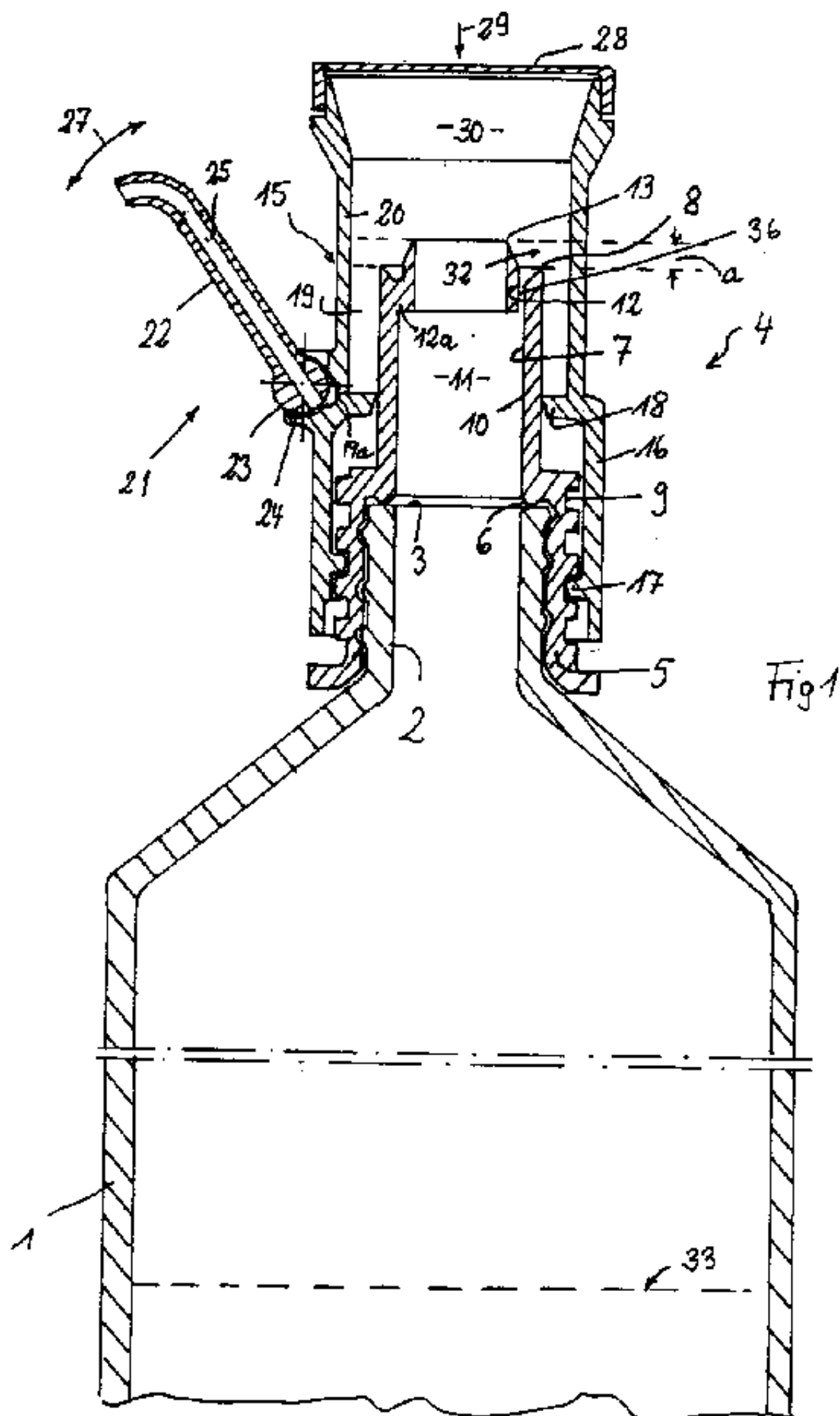
Family 29/100 - FAMPAT - ©Questel

Title

(DE4238269)

Liquid **dispenser** for adjustable small volumes+ - using screw fitting cap with measurement chamber emptied by pressed membrane on cap

Images



DE4238269

C1

1994-04-07

DE4238269

**Abstract**

(DE4238269)

The **dispenser** (4) is screwed onto a glass container (1) by a threaded section (5) and sealed by a lip (6) to the container neck surface (3). The outer section (15) is fixed by a screw thread (17) to the inner section (10) so as to be adjustable. The separation between two sections (10 and 15) forms a measurement chamber (19) whose volume is adjusted by turning one section (15) on a screw (17). The cap section (28) is a deformable membrane. By inverting the container, liquid fills the cavity (30) and drain at an overflow tip (8). Measured volume is then dispensed by moving a cylindrical valve (23) to allow outflow via an opening (19a) from measurement cavity and a spigot (25) under pressure from membrane deformation (29).
USE/ADVANTAGE - Repeatable dispensing of small volumes of liquid in adjustable quantity.

Inventors

KEIL GEORG

ZULAUF KARL HEINZ

ERLINGHAGEN HARTMUT

Latest standardized assignees - inventors removed

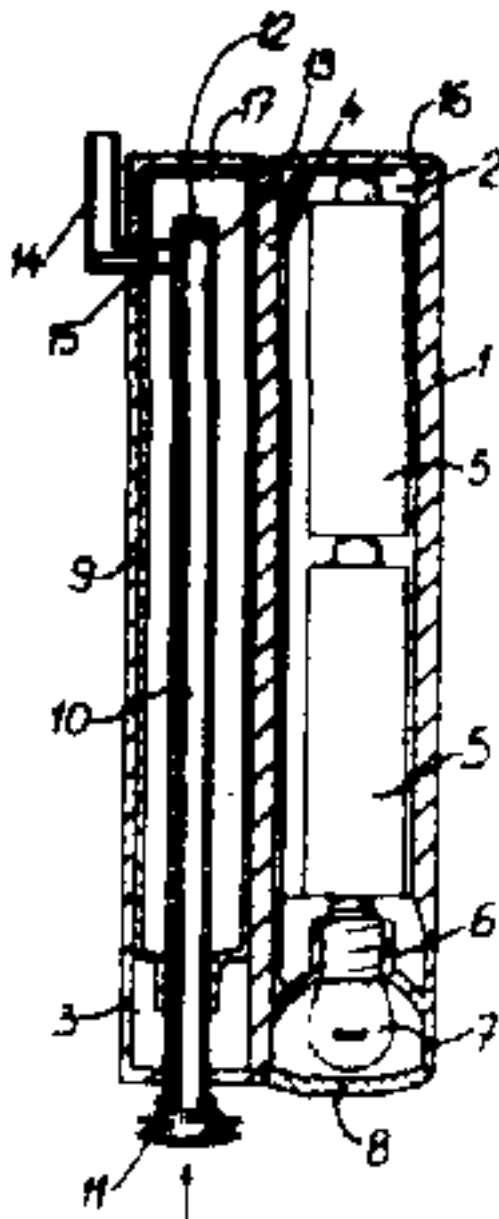
MERZ

Family 30/100 - FAMPAT - ©Questel

Title

(FR2356878)

Lamp diagnosis in particular for the observation of the teeth

Images**Publication numbers with kind code & date**

JP1315371	C	1986-04-28	JP1315371
DE2725793	C2	1985-09-12	DE2725793
JPS6040121	B2	1985-09-09	JP85040121
FR2356878	B1	1983-01-14	FR2356878
AU508454	B2	1980-03-20	AU-508454
GB1550263	A	1979-08-15	GB1550263
AT348105	B	1979-01-25	AT-348105
AU2646377	A	1979-01-04	AU7726463
ATA440677	A	1978-06-15	AT7704406
CH598801	A5	1978-05-12	CH-598801
BR7704272	A	1978-03-28	BR7704272
JPS5328983	A	1978-03-17	JP53028983
FR2356878	A1	1978-01-27	FR2356878



DE2725793	A1	1978-01-05	DE2725793
ES229656	Y	1978-01-01	ES-229656Y
SE7707493	A	1977-12-31	SE7707493
ES229656	U	1977-09-01	ES-229656U

**Abstract**

(FR2356878)

Diagnostic lamp to excite a fluorescent material applied to a portion of a body to be tested.

Inventors

VERZICHT DES ERFINDERS AUF NENNUNG

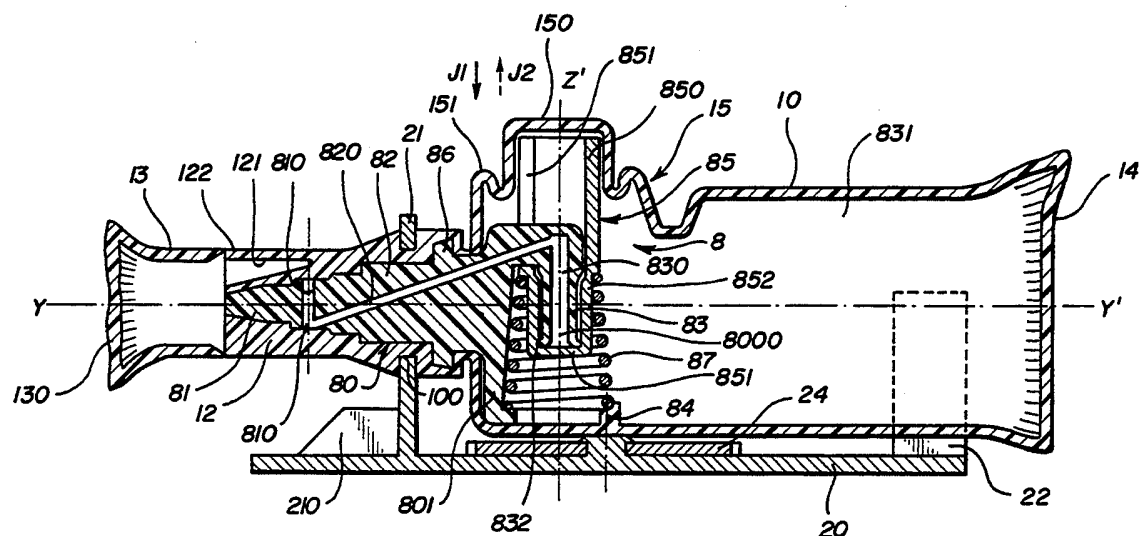
Latest standardized assignees - inventors removed

LPA LES PRODUITS ASSOCIES

Family 31/100 - FAMPAT - ©Questel

Title

(EP-713475)

Liquid **dispenser** having a dosage counter**Images****Publication numbers with kind code & date**

EP0713475	A4	1998-12-02	EP-713475
JPH09500597	A	1997-01-21	JP09500597
EP0713475	A1	1996-05-29	EP-713475
US5390822	A	1995-02-21	US5390822
AU7369594	A	1995-02-20	AU9473695
CA2167506	A1	1995-02-02	CA2167506
WO95/03246	A1	1995-02-02	WO9503246

**Abstract**

(EP0713475)

Packaging vial for a liquid product in particular medicinal or cosmetic, manufacturing process and device for use of this vial. The vial includes a flexible casing (1), coupled to a rigid support (2), the casing (1) consisting of a pocket (10) with thin and distortable walls, containing the product and free from air, as well as a tubular nozzle (11) for dispensing the product, to which is coupled the pocket (10), the vial including furthermore a pump for dosing and delivering the product, said pump containing a fixed body inserted into the nozzle (11) and a moveable actuating member which is located inside the casing, but which can be moved from the outside of the latter thanks to the distortable character of its wall which, proximate the actuating member, has the shape of a bellows.

Inventors

LATAIX GILBERT

Latest standardized assignees - inventors removed

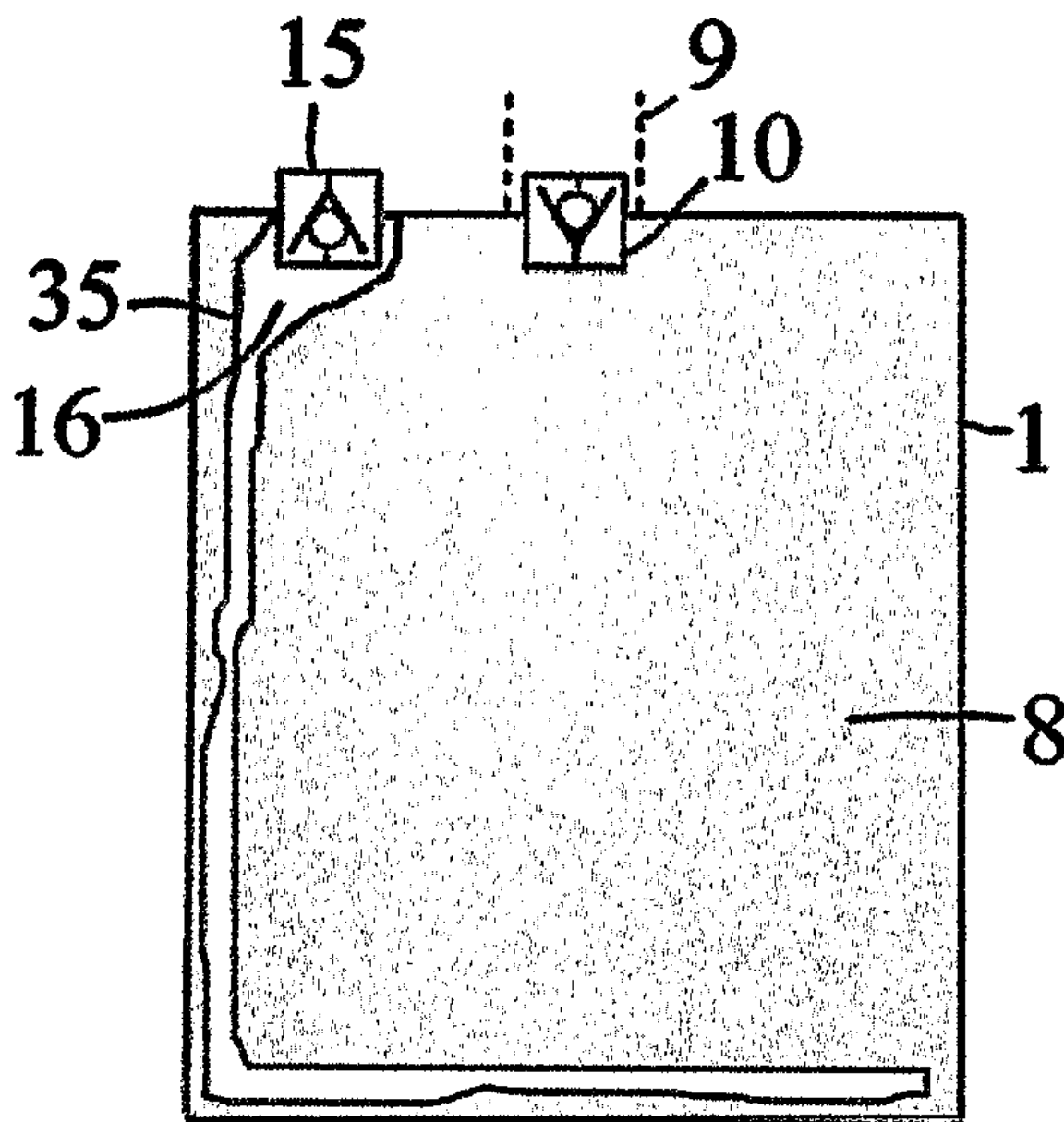
MERCK SHARP & DOHME

Family 32/100 - FAMPAT - ©Questel

Title

(WO200720316)

Method and system for preventing the intake of air and other contaminants into sealed containers

Images**Publication numbers with kind code & date**

WO2007/020316	A3	2007-04-26	WO200720316
WO2007/020316	A2	2007-02-22	WO200720316

**Abstract**

(WO2007/020316)

The invention relates to a method and system for preventing the intake of air and other contaminants into sealed containers which may be made from a rigid material or a flexible material with or without shape- and/or volume-recovery properties. The invention comprises: a) a rigid container or a flexible or elastic container which recovers the initial shape and/or volume thereof upon removal of pressure therefrom; b) a nozzle element, a non-return valve or check valve being disposed in said nozzle or outlet for releasing the liquid from the container; c) an optional separator element in the form of a membrane or bag which separates the liquid and which fills the space previously occupied by the extracted liquid with an equal amount of air from the exterior; d) a check valve through which air can enter the container; and e) a cover or cap which is shaped

internally such that it can be fitted to the end of the nozzle and which is pressure-coupled thereto, thereby creating an additional seal when the cover is pressed or screwed on. In all cases, independent chambers are created for the liquid and the air.

Inventors

MUNOZ SAIZ MANUEL

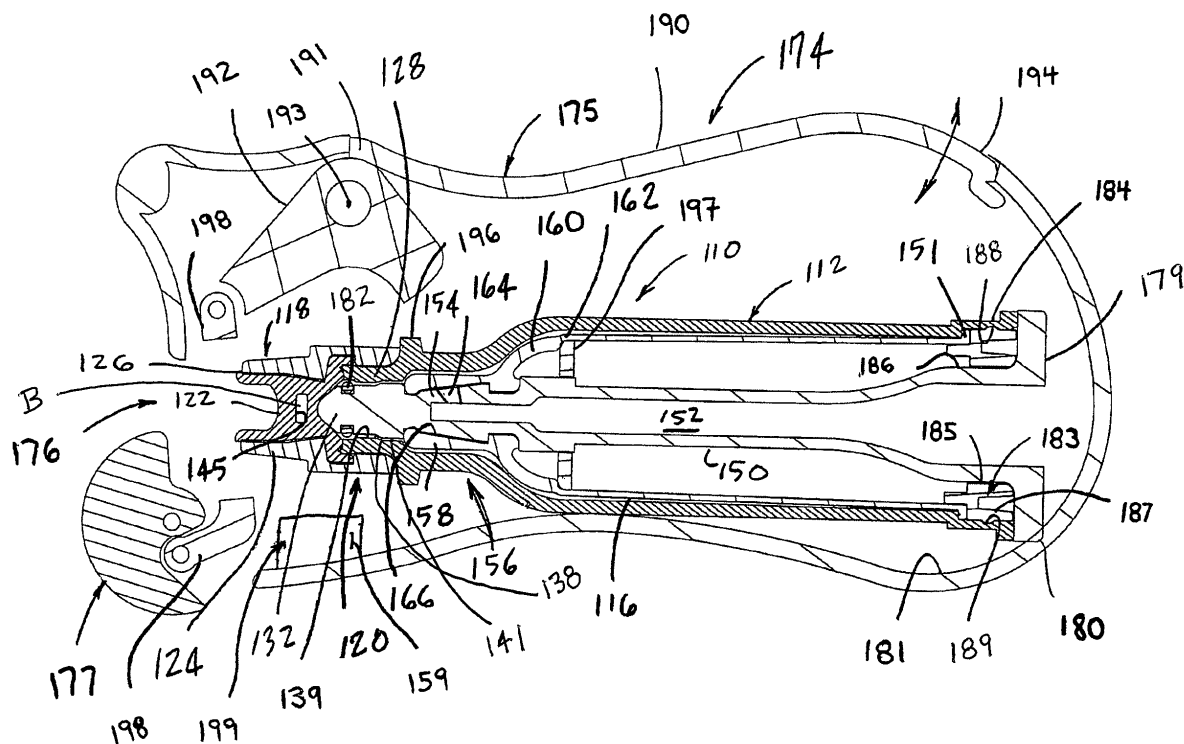
GARCIA PEREZ FRANCISCO ANGEL

Family 33/100 - FAMPAT - ©Questel

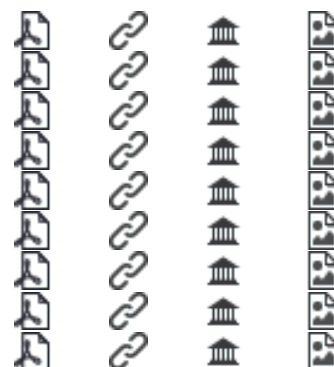
Title

(EP1708780)

Delivery device and method of delivery

Images**Publication numbers with kind code & date**

US20100280466	A1	2010-11-04	US20100280466
EP1708780	A4	2010-10-13	EP1708780
US7678089	B2	2010-03-16	US7678089
JP2007511295	A	2007-05-10	JP2007511295
CN1901966	A	2007-01-24	CN1901966
EP1708780	A2	2006-10-11	EP1708780
WO2005/048875	A3	2006-06-29	WO200548875
US20050165368	A1	2005-07-28	US20050165368
WO2005/048875	A2	2005-06-02	WO200548875

**Abstract**

(EP1708780)

An ophthalmic delivery device includes a body defining a **fluid** reservoir and a pump in **fluid** communication with the reservoir. The delivery device also includes a nozzle that includes a dosage chamber for holding a dosage of **fluid**, a valve seat, and a valve cover. The valve cover extends about the valve seat and forms an interface therebetween and the valve seat includes an outlet aperture. The interface is in **fluid** communication with the outlet aperture and the dosage chamber, and at least part of the valve cover is movable between (i) a closed position with the valve cover engaging the valve seat to close the interface and form a **fluid**-tight seal therebetween, and (ii) an open position with at least part of the valve cover spaced away from the valve seat in response to **fluid** flowing through the outlet aperture at a pressure greater than a valve opening pressure to allow the passage of pressurized **fluid** therebetween. The valve seat and the valve cover are dimensioned to dispense the dosage of **fluid** through the interface at a velocity of equal to or less than 6 meters per second.

Inventors

PY DANIEL

CHAN JULIAN V

ATWOOD JEFFREY M

Latest standardized assignees - inventors removed

MEDICAL INSTILL TECHNOLOGIES

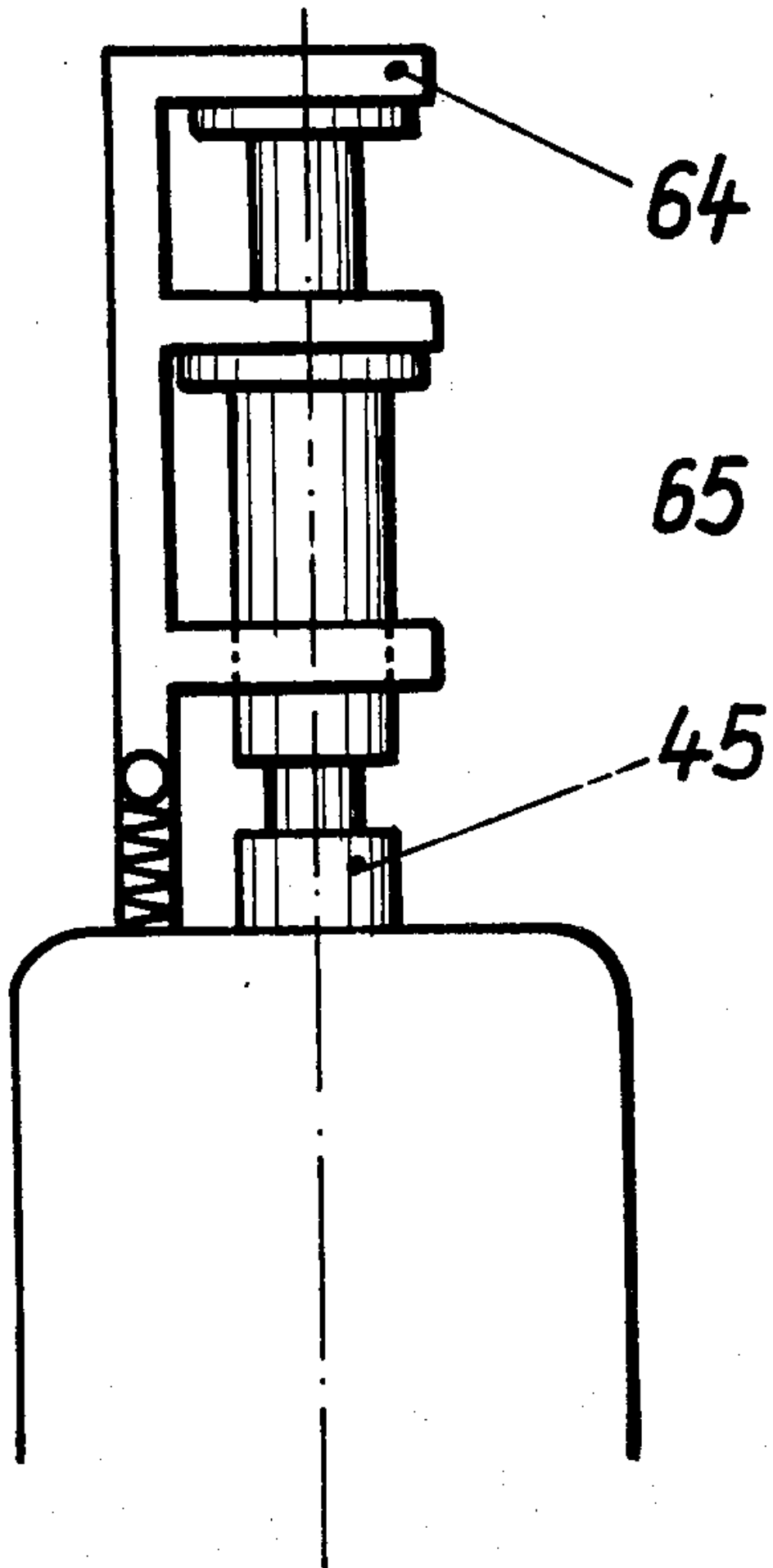
Family 34/100 - FAMPAT - ©Questel

Title

(US4169474)

Liquid medicine dispensers with dose mechanisms for oral and injection therapy

Images



Publication numbers with kind code & date

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

**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 removed

WAGNER WOLFGANG DR MEDICAL

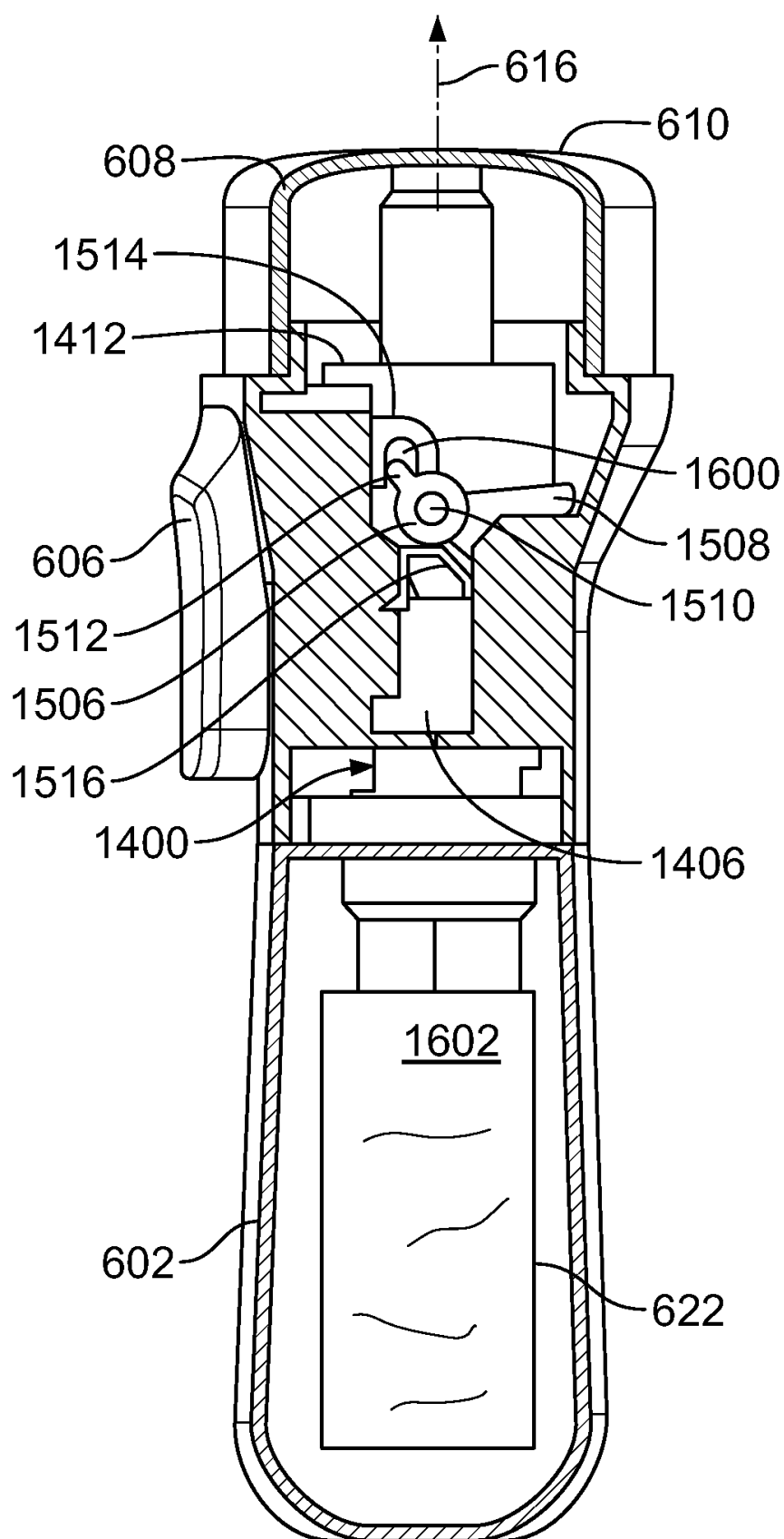
Family 35/100 - FAMPAT - ©Questel

Title

(WO2014144672)

Fluid applicators for use with topical medications

Images

**Publication numbers with kind code & date**

TW201446294

A 2014-12-16

TW201446294

US20140270897

A1 2014-09-18

US20140270897



WO2014/144672

A1

2014-09-18

WO2014144672

**Abstract**

(WO2014/144672)

Fluid applicators for use with topical medications are disclosed herein. An example apparatus includes a housing and a **fluid** container disposed inside the housing. The example apparatus also includes a pump assembly disposed inside the housing and fluidly coupled to the **fluid** container. The example apparatus further includes an applicator coupled to the housing. The applicator defines an outlet and has a surface to be in contact with an application site on a person. The surface is in **fluid** communication with the pump assembly via the outlet. The example apparatus also includes an actuator operatively coupled to the pump assembly. Movement of the actuator from a first position to a second position is to operate the pump to dispense a dose of the **fluid** onto the surface.

Inventors

LAURUSONIS LINAS P

ABANTE EDWARD NAGUIT

ROLFS BRYAN ELIOT

MALLADI RAMANA

MEDHAL BHIMAPRASAD

WOLFORD JAMES BLAINE

CURRAT OLIVIER FRANCK

RATHGEBER MARTIN

TSE KIERON HIUHON

Latest standardized assignees - inventors removed

ABBVIE

[TW201415031](#)

A

2014-04-16

TW201415031

[WO2014/034928](#)

A1

2014-03-06

WO201434928

**Abstract**

(EP2891887)

It is an object to provide a deforming element-included dispensing tip, a deforming element-included dispensing device, and a deforming element-included dispensing processing method not requiring any cylinder and capable of achieving highly precise position control and enhancing integration of higher density and reducing the burden in the quality control in reaction processing of a biological material for extraction of DNA and the like. A tip-shaped container formed with a non-deforming wall having an opening portion at an upper side and an inlet unit at a lower side for allowing **fluid** to flow in and flow out and a sealing plug attached to the opening portion so as to seal the opening portion are provided, and the sealing plug is configured to be provided with a deforming element that has a deforming wall that is formed so as to be able to extend in a lower direction in the tip-shaped container in accordance with pressing from an outside and so as to be urged to shrink or be able to shrink in an upper direction or formed so as to be able to be shrunk.

Inventors

TAJIMA HIDEJI

Latest standardized assignees - inventors removed

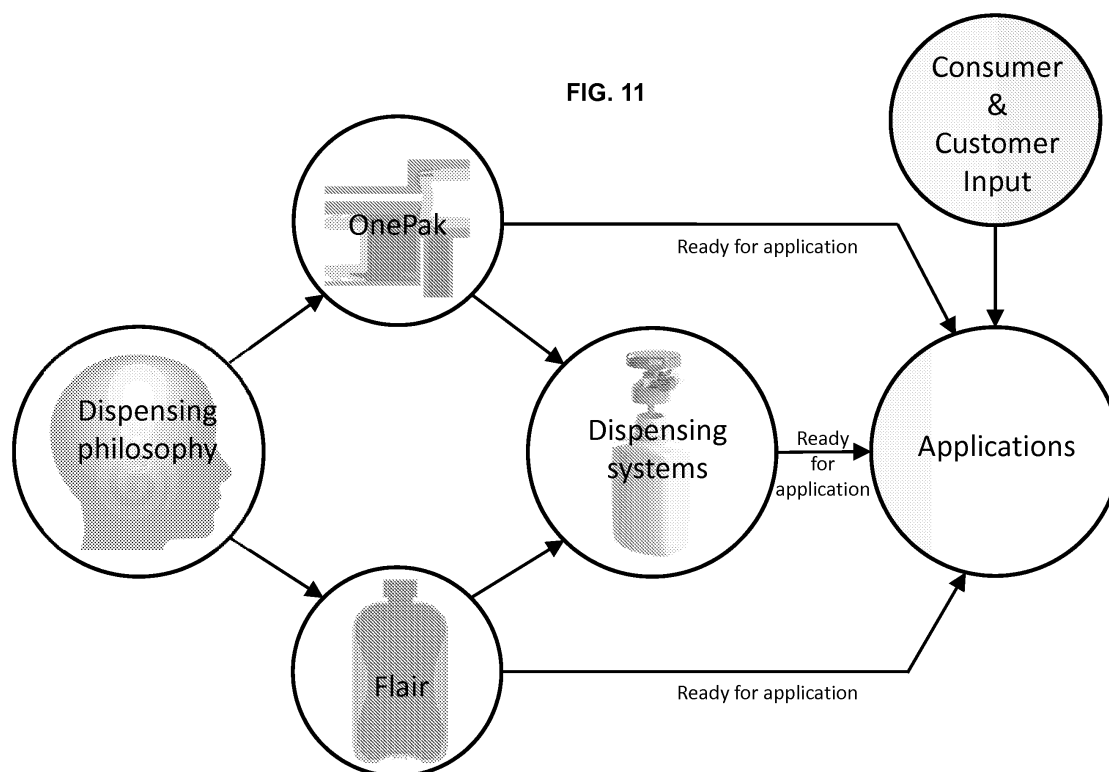
UNIVERSAL BIO RESEARCH

Family 37/100 - FAMPAT - ©Questel

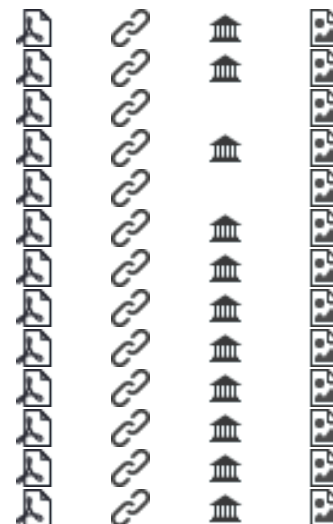
Title

(EP2707149)

Isolation of product and propellant in avarious dispensing devices and platforms ("flairfresh")

Images**Publication numbers with kind code & date**

BR112013028957	A2	2017-03-01	BR112013028957
IN10561/DELNP/2013	A	2016-05-20	IN2013DN10561
ZA201309230	B	2015-10-28	ZA201309230
EP2707149	A4	2014-12-03	EP2707149
MX2013013043	A	2014-11-10	MX2013013043
JP2014519969	A	2014-08-21	JP2014519969
BR112013028957	A1	2014-05-13	BR112013028957
EP2707149	A2	2014-03-19	EP2707149
CN103619489	A	2014-03-05	CN103619489
AU2012253503	A1	2014-01-09	AU2012253503
WO2012/154886	A4	2013-04-18	WO2012154886
WO2012/154886	A3	2013-02-28	WO2012154886
WO2012/154886	A2	2012-11-15	WO2012154886

**Abstract**

(EP2707149)

In exemplary embodiments of the present invention platforms from which various dispensing devices, both manually operated as well as "touch-less" (motion sensor based) are presented. Such exemplary devices incorporate two main components: (i) the "bag within a bag" Flair® technology, and (ii) a OnePak type dispensing head (with a normally closed outlet valve). Such platforms can be, for example, overpressure based or underpressure based, can have various application based features, and can interface with various exemplary Flair type bottles. Exemplary embodiments described herein relate to dispensing systems where (i) the **fluid** or other dispensate to be dispensed, and (ii) the propellant used to dispense it, whether said propellant is a **fluid**, a gas, air at atmospheric pressure, or other, are completely separated in separate circuits, controlled separately, and only optionally mixed at the final dispensing time, if desired, at a point downstream of the normally closed outlet valve. Additionally, in such devices the propellant can be used for other ancillary

functions, such as, for example, cleaning a spout or output channel, making foam or spray, controlling valves, pistons, pumps, making noise, and the like. Certain of such exemplary systems utilize a unique bottle in the dispensing appliance which (i) cannot be replaced by a competitor's, or other third party's bottle which also (ii) cannot be refilled by a consumer.

Inventors

MAAS WILHELMUS JOHANNES JOSEPH

HURKMANS PETRUS LAMBERTUS WILHELMUS

NERVO PAOLO

HALEVA AARON S

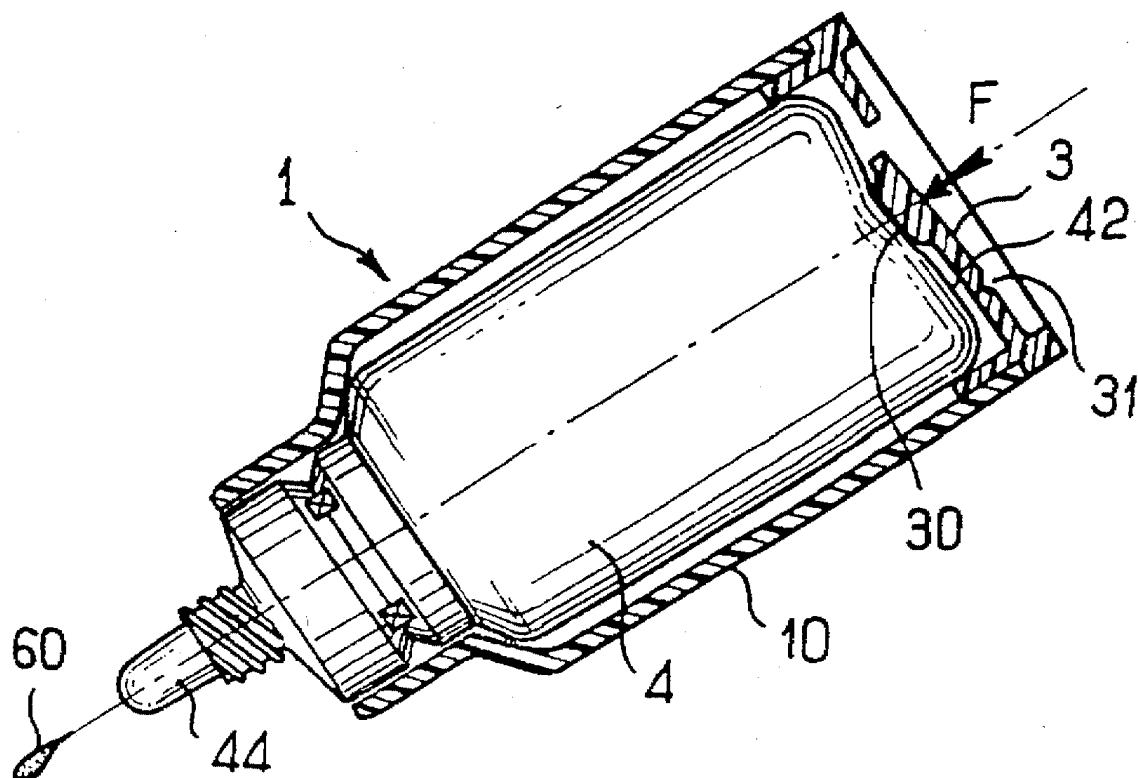
Latest standardized assignees - inventors removed

DISPENSING TECHNOLOGIES

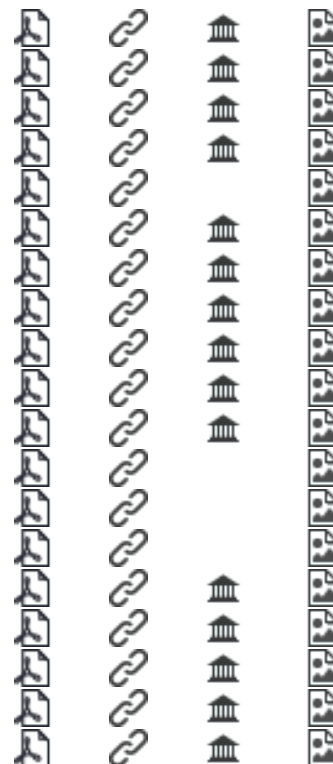
Family 39/100 - FAMPAT - ©Questel

Title

(EP-677015)

Device for dropwise delivery of a **fluid** contained in a flexible vial**Images****Publication numbers with kind code & date**

NO307413	B1	2000-04-03	NO-307413
DE69409632	T2	1998-11-26	DE69409632
DE69409632	D1	1998-05-20	DE69409632
ES2114174	T3	1998-05-16	ES2114174
AT165066	T	1998-05-15	ATE165066
EP0677015	B1	1998-04-15	EP-677015
US5673822	A	1997-10-07	US5673822
FR2700318	B1	1996-08-23	FR2700318
EP0677015	A1	1995-10-18	EP-677015
NO952698	A	1995-08-25	NO9502698
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FI953359	A	1995-07-07	FI9503359
FI953359	A0	1995-07-07	FI9503359
NO952698	D0	1995-07-07	NO9502698
FR2700316	B1	1995-03-31	FR2700316
AU5816194	A	1994-08-15	AU9458161
WO94/15855	A1	1994-07-21	WO9415855
FR2700316	A1	1994-07-13	FR2700316
FR2700318	A1	1994-07-13	FR2700318

**Abstract**

(EP0677015)

The present invention provides a device for the dropwise delivery of a **fluid** (6) contained in a flexible vial (4; 4'), the device comprising a tubular casing (1) capable of surrounding the vial (4; 4'), which casing is provided with a bottom portion (2; 7) whose inner surface lies opposite the outer surface of the bottom wall (42; 42') of the vial (4; 4'), the bottom portion (2; 7) of

the casing (1) being equipped with a resiliently displaceable tab (3; 8) which can be moved so as to press against the bottom wall (42; 42') of the vial (4; 4') in order to squeeze the vial (4; 4') and drive out a drop (60) of **fluid**.

Inventors

LIFSHEY ARTHUR

CHALMIN PATRICE

GAZZOLA JEAN

Latest standardized assignees - inventors removed

LABORATOIRES MERCK SHARP & DHOME CHIBRET

Family 40/100 - FAMPAT - ©Questel

Title

(EP2083876)

Methods of wound care and treatment

Images

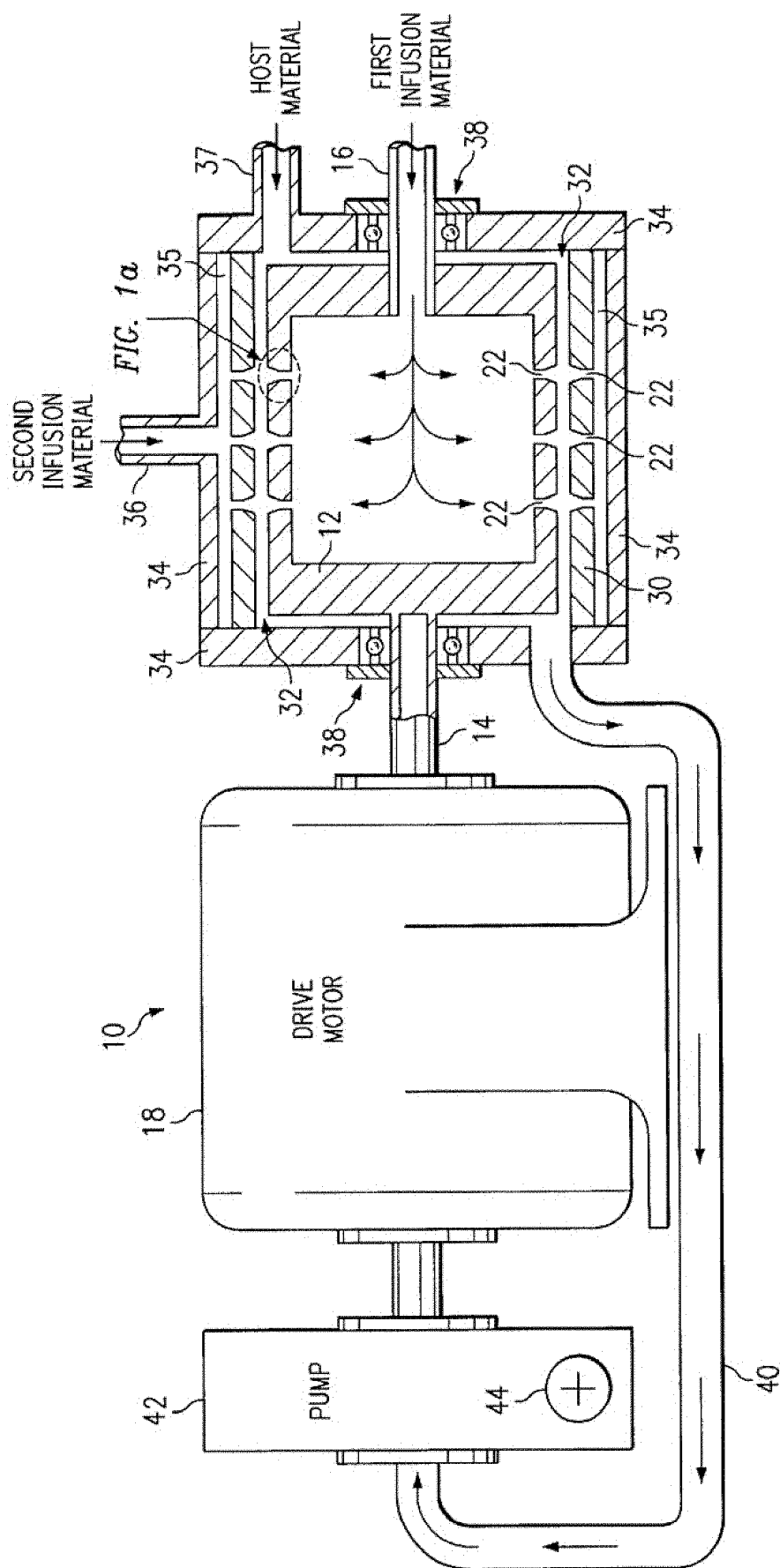


Fig. 1
(Prior Art)

Publication numbers with kind code & date

BRPI0818195
CA2703754
US10125359

A2 2019-09-24
C 2019-04-09
B2 2018-11-13

BR200818195
CA2703754
US10125359



CA2722658	C	2018-09-18	CA2722658				
EP2282719	B1	2018-05-30	EP2282719				
IL208938	B	2018-04-30	IL-208938				
EP2214707	B1	2017-07-12	EP2214707				
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IL205318	B	2017-01-31	IL-205318				
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WO2008/115290	A2	2008-09-25	WO2008115290				
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CA2667791	A1	2008-05-02	CA2667791				
WO2008/052145	A2	2008-05-02	WO200852145				

(EP2083876)

Particular embodiments disclosed herein relate to gas-enriched fluids, methods of making the same, systems for making the same and/or methods of treatment utilizing the gas-enriched fluids for wound care related conditions and/or diseases. In certain embodiments, the gas-enriched **fluid** is oxygen-enriched water. Certain embodiments relate to cosmetic and/or therapeutic fluids and/or methods of treatment utilizing the fluids in order to treat a cosmetic and/or therapeutic symptom of wound care and/or increase proper wound healing.

Inventors

ARCHAMBEAU GREGORY J

WATSON RICHARD L

WOOD ANTHONY B

Latest standardized assignees - inventors removed

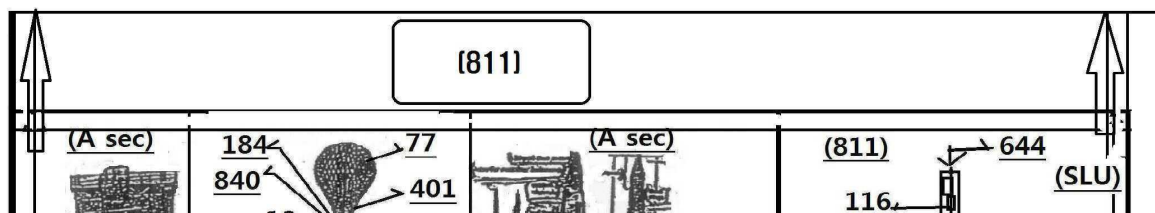
REVALESIO

Family 41/100 - FAMPAT - ©Questel

Title

(KR101799861)

Flood damage adjustment distribution input device

Images**Publication numbers with kind code & date**[KR101799861](#)

B1 2017-12-20

KR101799861

[KR20170001964](#)

A 2017-01-06

KR20170001964

**Abstract**

(KR20170001964)

The present invention relates to a distributing and dispensing apparatus for a flood control machinery for a flood control facility, comprising: a plurality of distribution shafts; a construction machine control unit; a power production control unit; a power transmission control unit; a harmful red tide prevention control unit; a disaster prevention control unit; a fish and shellfish scattering control unit; and a floodgate control unit. As such with such a configuration, the present invention is possible in preventing flooding in advance by controlling quickly the flooding.

Inventors

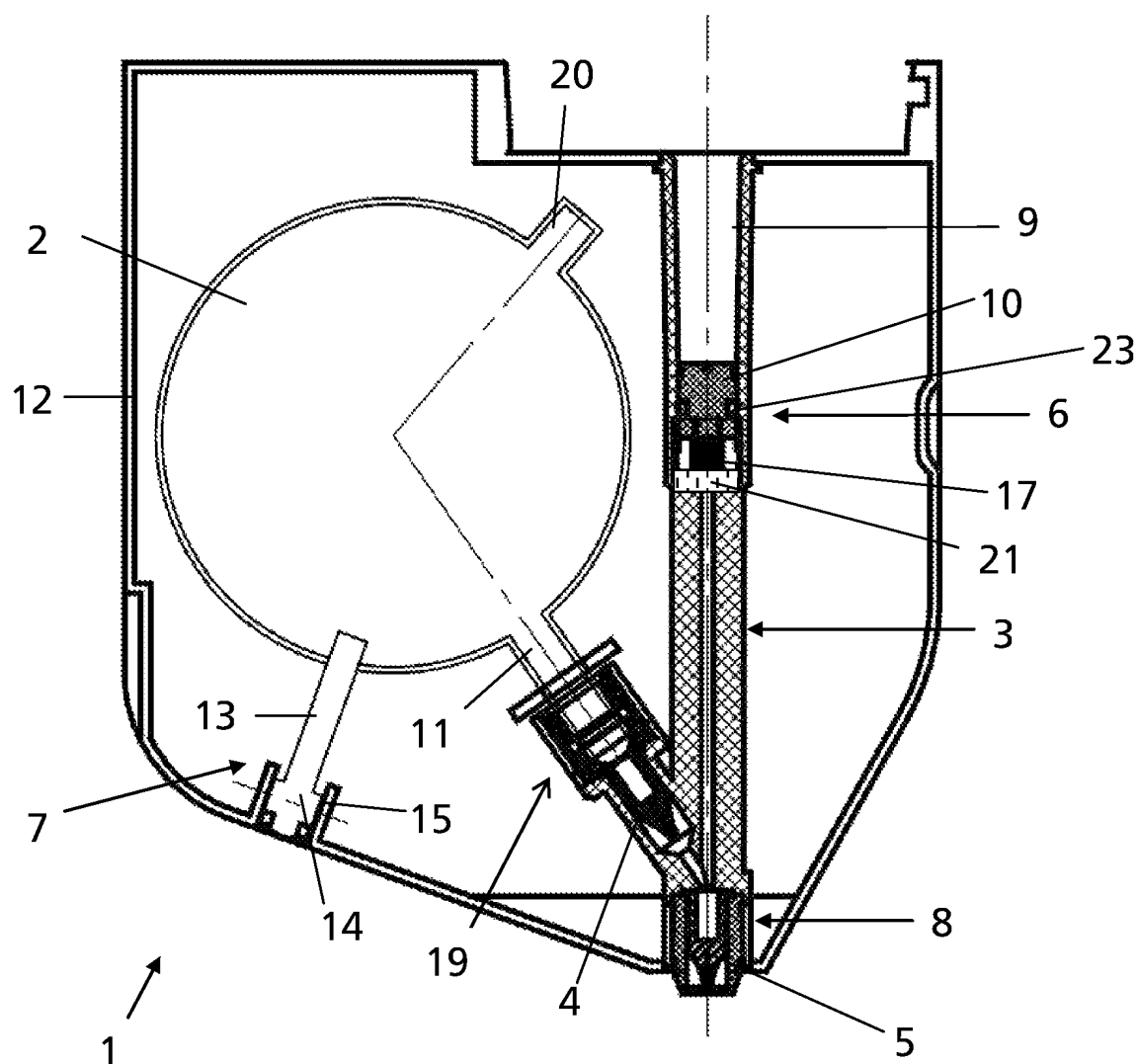
LEE, WOO SUNG

Family 43/100 - FAMPAT - ©Questel

Title

(EP2374541)

Disposable dispensing cartridge for medical assay instrumentation

Images**Publication numbers with kind code & date**

US9114393	B2	2015-08-25	US9114393
CN102253233	B	2014-07-23	CN102253233B
JP5358611	B2	2013-09-06	JP5358611
CN102253233	A	2011-11-23	CN102253233
JP2011221019	A	2011-11-04	JP2011221019
EP2374541	A1	2011-10-12	EP2374541
US20110243815	A1	2011-10-06	US20110243815

**Abstract**

(EP2374541)

A disposable dispensing cartridge (1) comprising: a reservoir (2) adapted to contain a solution to be dispensed; a chamber (3) in fluidic communication with the reservoir (2) through a first unidirectional valve (4), the chamber (3) comprising an outlet portion (8) and a second connecting portion (9), the outlet portion (8) comprising a second unidirectional valve (5) allowing passage of the solution out of the chamber (3); characterized in that the disposable cartridge (1) is connectable via the connecting portion (9) to a pressurizing device, the pressurizing device being adapted to apply a reduced pressure within the chamber (3), drawing a predetermined volume of solution from the reservoir (2), through the first unidirectional valve (4), into the chamber (3); and to apply a raised pressure within the chamber (3), drawing the determined volume of

solution out of the chamber (3), through the second unidirectional valve (5); and in that the connecting portion (9) comprises a check valve (6) being arranged to allow gas, but not the solution, to flow in and/or out of the chamber (3) via the second connecting portion (9). The disposable cartridge (1) is simple and inexpensive to manufacture.

Inventors

YANEZ ANTONIO

RODONI MICHELE

Latest standardized assignees - inventors removed

SYMBION MEDICAL SYSTEMS

Family 44/100 - FAMPAT - ©Questel

Title

(US4043923)

Textile treatment composition

Publication numbers with kind code & date

DE2508537	C2	1987-11-26	DE2508537
JP1270357	C	1985-06-25	JP1270357
JPS5851062	B2	1983-11-14	JP83051062
CA1059268	A	1979-07-31	CA1059268
US4160777	A	1979-07-10	US4160777
IT1029864	B	1979-03-20	IT1029864
FR2262145	B1	1979-01-05	FR2262145
GB1504963	A	1978-03-22	GB1504963
US4043923	A	1977-08-23	US4043923
FR2262145	A1	1975-09-19	FR2262145
JPS50118099	A	1975-09-16	JP50118099
DE2508537	A1	1975-08-28	DE2508537
BE825945	A	1975-08-25	BE-825945

**Abstract**

(US4043923)

Textiles, particularly carpets, are endowed with oil and water repellency and soil resistance by treatment thereof with certain detergent-compatible fluorochemical compounds which can also be used in conjunction with anionic or nonionic detergents to provide cleaning/treating compositions for cleaning such textiles simultaneously with the treatment. The textile treating compositions of the invention comprise certain detergent-compatible fluorochemical compounds which are dissolved and/or dispersed in a suitable liquid vehicle. The textile treating/cleaning compositions of the invention also contain an anionic and/or a nonionic detergent.

Inventors

LOUDAS BASIL L

Latest standardized assignees - inventors removed

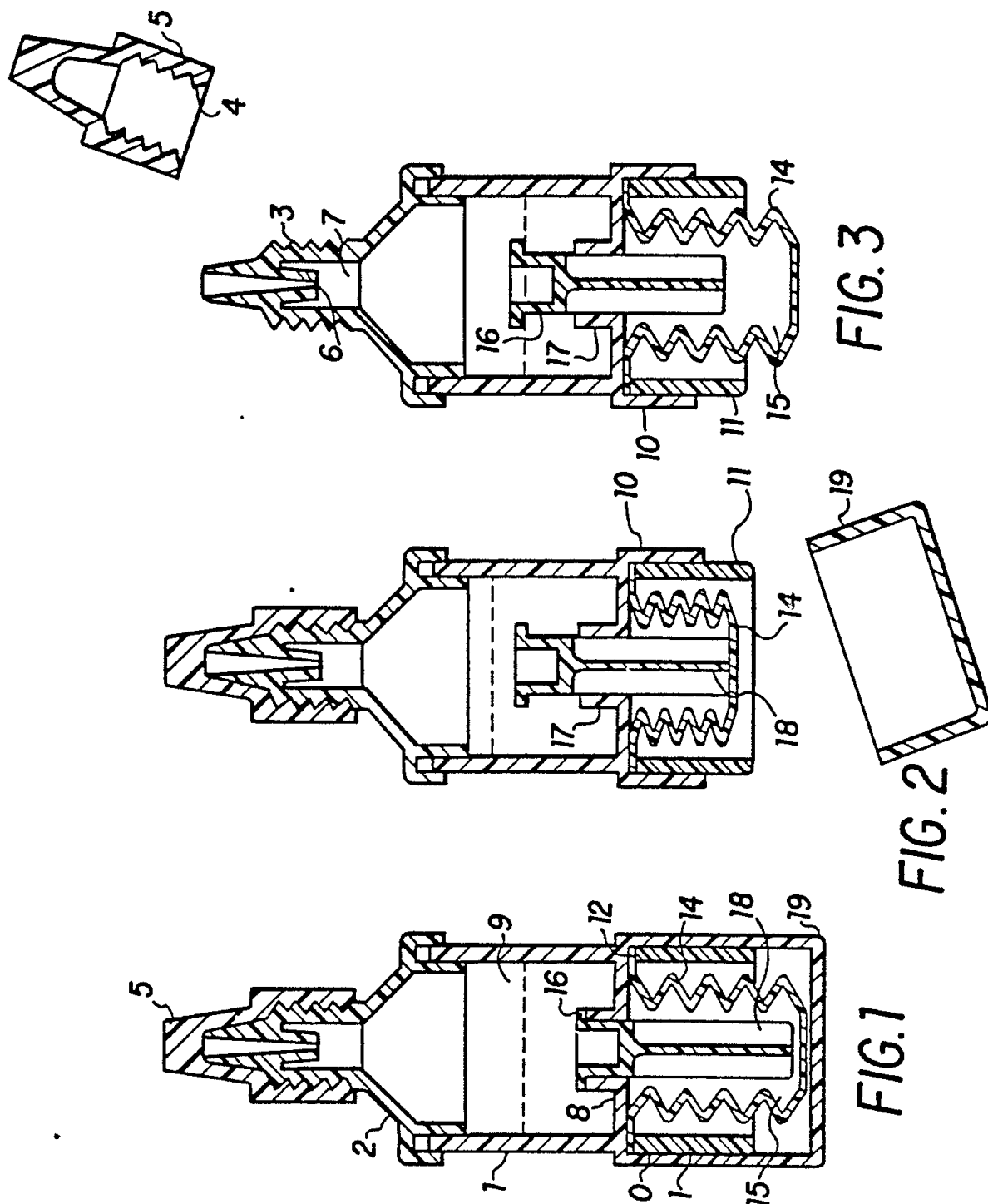
3M

Family 45/100 - FAMPAT - ©Questel

Title

(EP-315440)

A dual-chambered mixing and dispensing vial

Images**Publication numbers with kind code & date**

KR0138660	B1	1998-06-01	KR100138660
NO176124	C	1995-02-08	NO-176124
NO176124	B	1994-10-31	NO-176124
IE61299	B1	1994-10-19	IE--61299
FI91932	C	1994-09-12	FI--91932
DK169148	B1	1994-08-29	DK-169148
PT88937	B	1994-07-29	PT--88937
CY1767	A	1994-07-15	CY---1767
SG14194	G	1994-06-10	SG--14194



SG14194	G	1994-06-10	SG--14194				
FI91932	B	1994-05-31	FI--91932				
HK18994	A	1994-03-11	HK9400189				
DE3881477	T2	1993-11-25	DE3881477				
ES2040354	T3	1993-10-16	ES2040354				
CA1320174	C	1993-07-13	CA1320174				
DE3881477	D1	1993-07-08	DE3881477				
AT90059	T	1993-06-15	ATE090059				
EP0315440	B1	1993-06-02	EP-315440				
IL88265	B	1992-05-25	IL--88265				
HU204185	B	1991-12-30	HU-204185				
NZ226847	A	1991-06-25	NZ-226847				
AU606763	B2	1991-02-14	AU-606763				
HUT52940	A	1990-09-28	HU-T52940				
US4950237	A	1990-08-21	US4950237				
EP0315440	A3	1990-01-17	EP-315440				
JP02004675	A	1990-01-09	JP02004675				
IE883311	L	1989-11-18	IE8803311				
ZA8808318	B	1989-10-25	ZA8808318				
PT88937	A	1989-09-14	PT--88937				
KR890007786	A	1989-07-05	KR19890007786				
IL88265	A	1989-06-30	IL--88265				
AU2465488	A	1989-05-11	AU8824654				
EP0315440	A2	1989-05-10	EP-315440				
NO884948	L	1989-05-08	NO-884948				
DK616588	A	1989-05-07	DK8806165				
FI885050	A	1989-05-07	FI8805050				
DK616588	D0	1988-11-04	DK8806165				
NO884948	D0	1988-11-04	NO8804948				
FI885050	A0	1988-11-02	FI8805050				
GB8726062	D0	1987-12-09	GB8726062				

Abstract

(EP0315440)

A dual chambered vial is equipped with a dislodgeable stopper device (16) between the two chambers (9, 15), whereby components of a mixture may be maintained in separate chambers until comingling is desired. The stopper (16) is dislodged by means of a plunger (18) activated by depression of flexible walls (14) of one chamber.

Inventors

HENAULT, PAUL

LATAIX, GILBERT

MACARTNEY, CARLETON H.

SAFFRON, RONALD

Latest standardized assignees - inventors removed

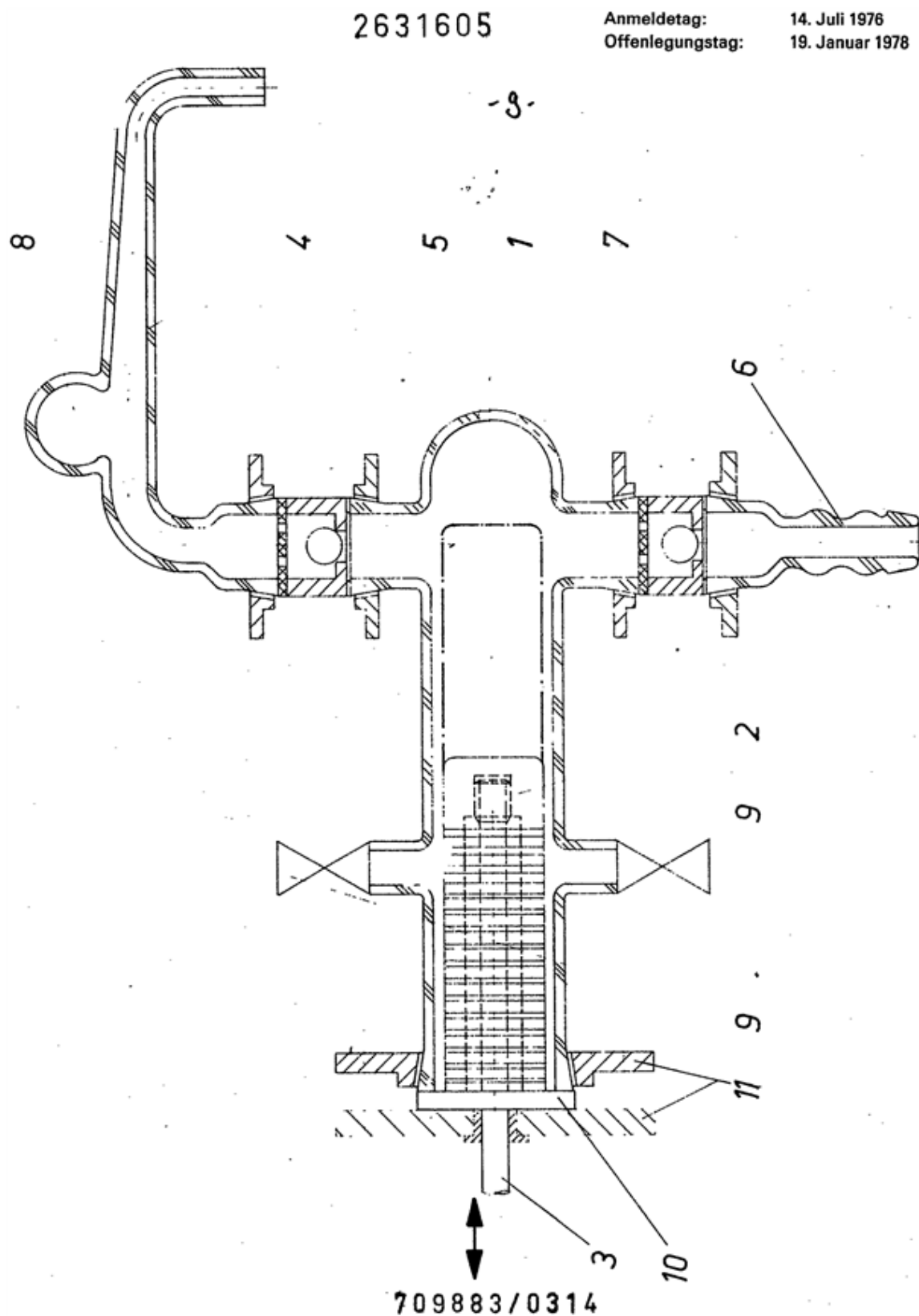
MERCK SHARP & DOHME

Family 46/100 - FAMPAT - ©Questel

Title

(DE2631605)

Corrosive adhesive dispensing valve - houses bellows with stop valves at outlet and may be connected to air vessel

Images**Publication numbers with kind code & date**[DE2631605](#)

A1 1978-01-19

DE2631605

**Abstract**

(DE2631605)

A **dispenser** for low viscosity fluids, particularly for highly active and toxic adhesives, has a cylindrical casing enclosing a

bellows driven by a sliding rod from one end, with a dispensing nozzle at the other end. This nozzle is at the end of a cross piece, the whole being T shaped. At the other end of the cross piece, can be mounted an air vessel. Incorporated in each end of the cross piece preceding the dispensing nozzle and air vessel is a stop valve with a ball acting as a valve member against a seating at outlet and inlet. The housing parts can be of glass.

Inventors

HANUSCH ROLF

Latest standardized assignees - inventors removed

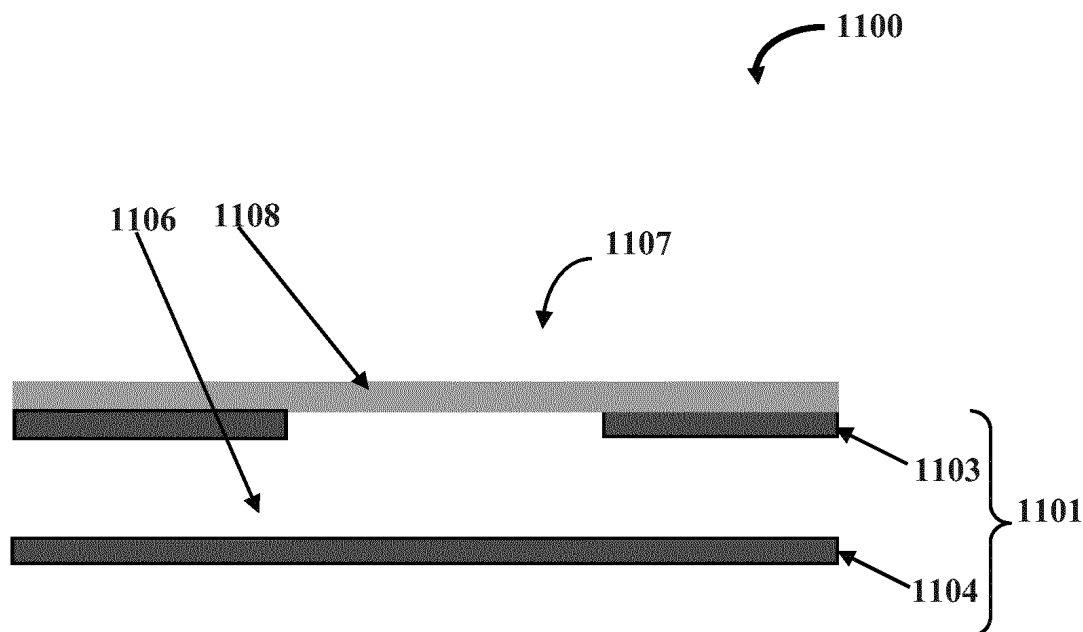
SCHERING

Family 47/100 - FAMPAT - ©Questel

Title

(EP3288681)

Microfluidic valves and devices

Images**Publication numbers with kind code & date**

JP2018522206	A	2018-08-09	JP2018522206
CN108136388	A	2018-06-08	CN108136388
US20180093269	A1	2018-04-05	US20180093269
EP3288681	A1	2018-03-07	EP3288681
SG11201708866Y	A	2017-11-29	SG11201708866Y
WO2016/174230	A1	2016-11-03	WO2016174230

**Abstract**

(EP3288681)

A microfluidic valve assembly and a microfluidic sensing platform are provided. The valve assembly has particular utility for separating test fluids from being in contact with a soft substrate, for example, a PDMS substrate. The valve member includes a stretchable membrane positioned to seal a **fluid** channel. The microfluidic sensing platform is particularly suited for detecting and / or quantifying the presence of one or more target agents in a **fluid** sample. This system includes a microfluidic chip configured to receive a capture agent and detection agent; a controller configured to control flow of a capture agent and a detection agent; and a sensor configured to detect results of the interaction between the target agents and the mixture of the capture agent and the detection agent.

Inventors

RACHAMIM ARON

DAVIES MATTHEW

GARCIA-GANCEDO LUIS

PROGKIDIS ANDREAS

Latest standardized assignees - inventors removed

SENZO HEALTH

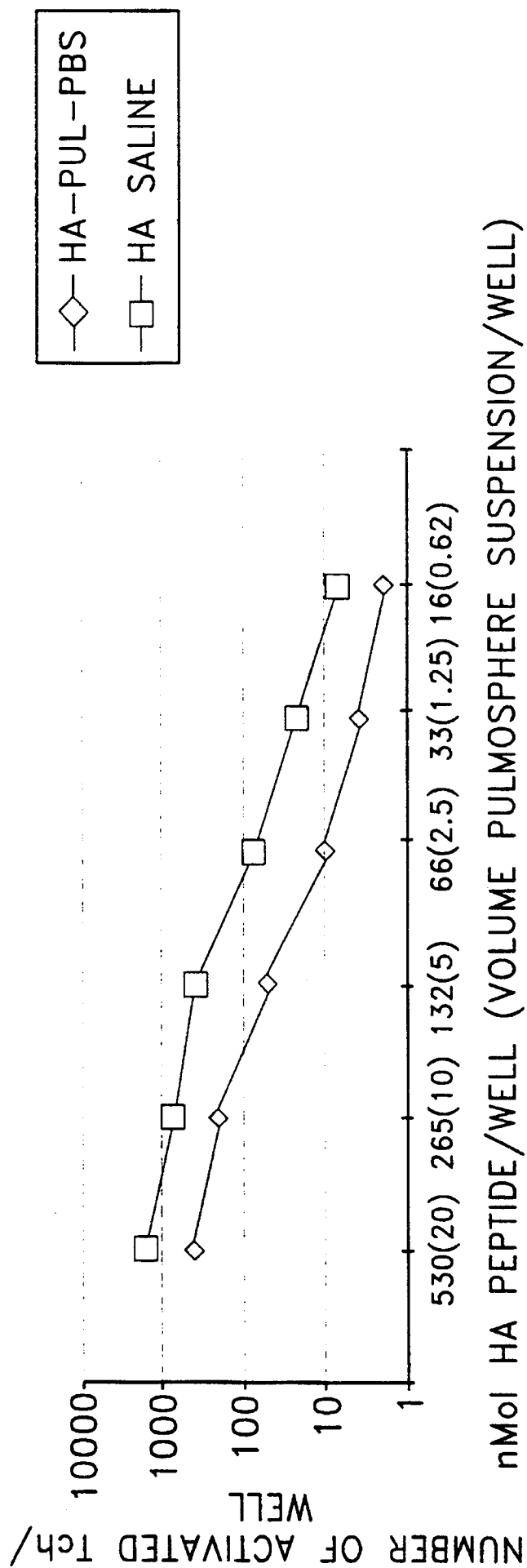
Family 48/100 - FAMPAT - ©Questel

Title

(EP1019020)

Stabilized bioactive preparations and methods of use

Images

**FIG. 1**

Publication numbers with kind code & date

NO340149	B1	2017-03-13	NO-340149
JP6100114	B2	2017-03-03	JP6100114
JP6078498	B2	2017-01-20	JP6078498
JP5739197	B2	2015-05-01	JP5739197
JP2014169335	A	2014-09-18	JP2014169335
JP2013216688	A	2013-10-24	JP2013216688
JP2013199497	A	2013-10-03	JP2013199497
JP5372306	B2	2013-09-27	JP5372306
DE69817847	T3	2013-07-18	DE69817847
ES2205560	T5	2013-04-16	ES2205560
DK1019021	T4	2013-01-07	DK1019021T
EP1019021	B2	2012-12-26	EP1019021
US8168223	B1	2012-05-01	US8168223
US8080263	B2	2011-12-20	US8080263
JP2011116788	A	2011-06-16	JP2011116788
DE69813853	T3	2011-05-12	DE69813853
ES2195408	T5	2010-11-25	ES2195408
DK1019022	T4	2010-11-08	DK1019022T
EP1019022	B2	2010-07-28	EP1019022
JP4526702	B2	2010-06-11	JP4526702
ME00003	B	2010-06-10	ME-----3
JP2010047615	A	2010-03-04	JP2010047615
MEP4108	A	2010-02-10	ME--P4108
US7628978	B2	2009-12-08	US7628978
CA2304973	C	2009-11-17	CA2304973
CZ300758	B6	2009-08-05	CZ-300758
CA2304820	C	2009-06-23	CA2304820
CA2304975	C	2009-06-16	CA2304975
RS50182	B	2009-05-06	RS--50182
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US7393544	B2	2008-07-01	US7393544
CA2304819	C	2008-04-08	CA2304819
KR100796220	B1	2008-01-21	KR100796220
US7306787	B2	2007-12-11	US7306787
US20070212405	A1	2007-09-13	US20070212405
PL195212	B1	2007-08-31	PL-195212
US7205343	B2	2007-04-17	US7205343
IS2154	B	2006-10-13	IS---2154B
US20060159629	A1	2006-07-20	US20060159629
KR100599634	B1	2006-07-12	KR100599634
EE04628	B1	2006-06-15	EE---4628
KR100589926	B1	2006-06-15	KR100589926
BG64816	B1	2006-05-31	BG--64816
SK285068	B6	2006-05-04	SK-285068
KR100575070	B1	2006-05-03	KR100575070
KR100572171	B1	2006-04-19	KR100572171
IL135126	B	2006-04-10	IL-135126
AU757337	C	2005-11-03	AU-757337
US20050207986	A1	2005-09-22	US20050207986
US20050074498	A1	2005-04-07	US20050074498
CN1169520	C	2004-10-06	CN1169520C



US20040170568	A1	2004-09-02	US20040170568				
DE69817847	T2	2004-07-08	DE69817847				
HRP20000175	B1	2004-06-30	HRP20000175				
DE69814428	T2	2004-05-13	DE69814428				
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HK1031680	A1	2004-03-05	HK1031680				
DE69813853	T2	2004-01-29	DE69813853				
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ES2195415	T3	2003-12-01	ES2195415				
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DK1019021	T3	2003-11-10	DK1019021T				
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US6630169	B1	2003-10-07	US6630169				
AT248583	T	2003-09-15	ATE248583				
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JP2003525841	A	2003-09-02	JP2003525841				
JP2003525842	A	2003-09-02	JP2003525842				
PT1019022	E	2003-08-29	PT1019022				
EA003665	B1	2003-08-28	EA---3665				
DK1019022	T3	2003-07-28	DK1019022T				
VN0003552	B	2003-06-25	VN---3552B				
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EP1019023	B1	2003-05-07	EP1019023				
EP1019022	B1	2003-04-23	EP1019022				
US20030064029	A1	2003-04-03	US20030064029				
YU18300	A	2003-02-28	YU2000000183				
AU757337	B2	2003-02-20	AU-757337				
AU757153	B2	2003-02-06	AU-757153				
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EA002562	B1	2002-06-27	EA---2562				
NZ503464	A	2002-05-31	NZ-503464				
EA200200036	A1	2002-04-25	EA200200036				
GEP20022782	B	2002-03-11	GE200202782				
US20010046474	A1	2001-11-29	US20010046474				
JP2001517691	A	2001-10-09	JP2001517691				
JP2001517692	A	2001-10-09	JP2001517692				
HRP20000175	A2	2001-06-30	HRP20000175				
KR20010053299	A	2001-06-25	KR20010053299				
TR200000819	T2	2001-06-21	TR200000819				
IL135126	A	2001-05-20	IL-135126				
EP1091755	A1	2001-04-18	EP1091755				
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KR20010030810	A	2001-04-16	KR20010030810				
HU0002478	A3	2001-01-29	HU200002478				
PL339732	A1	2001-01-02	PL98339732				
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EA200000375	A1	2000-12-25	EA200000375				
BG104253	A	2000-11-30	BG-104253				
UA72191	C2	2000-11-15	UA--72191				
CN1272058	A	2000-11-01	CN1272058				
CZ20001115	A3	2000-09-13	CZ200001115				
SK4492000	A3	2000-09-12	SK200000449				
BR9812693	A	2000-08-22	BR9812693				
EP1019020	A1	2000-07-19	EP1019020				
EP1019021	A1	2000-07-19	EP1019021				
EP1019022	A1	2000-07-19	EP1019022				
EP1019023	A1	2000-07-19	EP1019023				
NO20001618	A	2000-05-19	NO200001618				
NO20001618	L	2000-05-19	NO20001618				
NO20001618	D0	2000-03-28	NO200001618				
IS5415	A	2000-03-24	IS---5415				
AU3546999	A	2000-01-17	AU9935469				
AU760537	C	2000-01-17	AU-760537				
CA2335940	A1	2000-01-06	CA2335940				
WO00/00215	A1	2000-01-06	WO200000215				
WO99/16419	A9	1999-08-19	WO9916419				
WO99/16420	A9	1999-06-17	WO9916420				
AU1064499	A	1999-04-23	AU9910644				
AU1185799	A	1999-04-23	AU9911857				
AU9677098	A	1999-04-23	AU9896770				
AU9677298	A	1999-04-23	AU9896772				
CA2304819	A1	1999-04-08	CA2304819				
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CA2304975	A1	1999-04-08	CA2304975				
WO99/16419	A1	1999-04-08	WO9916419				
WO99/16420	A1	1999-04-08	WO9916420				
WO99/16421	A1	1999-04-08	WO9916421				
WO99/16422	A1	1999-04-08	WO9916422				

Abstract

(EP1019020)

Stabilized dispersions are provided for the delivery of a bioactive agent. The dispersions preferably comprise a plurality of perforated microstructures dispersed in a suspension medium that typically comprises a liquid fluorochemical. As density variations between the suspended particles and suspension medium are minimized and attractive forces between microstructures are attenuated, the disclosed dispersions are particularly resistant to degradation, such as by settling or flocculation. In particularly preferred embodiments the stabilized dispersions may be directly administered to the lung of a patient using an endotracheal tube or bronchoscope.

Inventors

DELLAMARY LUIS A
TARARA THOMAS E
KABALNOV ALEXEY
WEERS JEFFRY G
SCHUTT ERNEST G

Latest standardized assignees - inventors removed

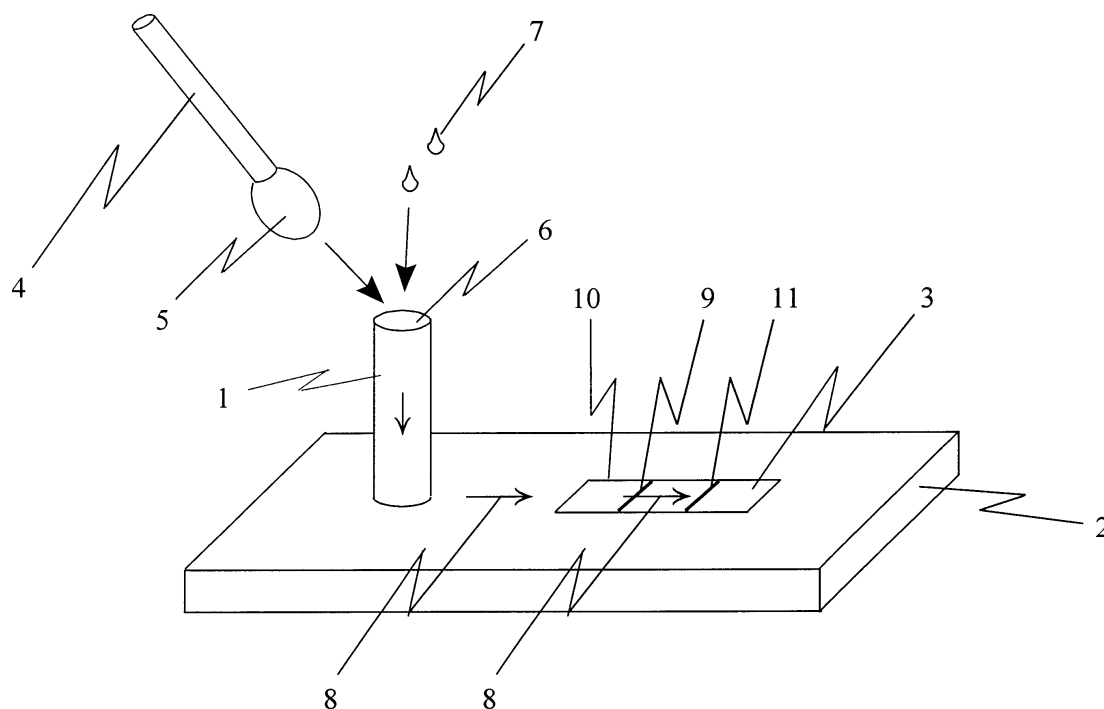
NOVARTIS

Family 49/100 - FAMPAT - ©Questel

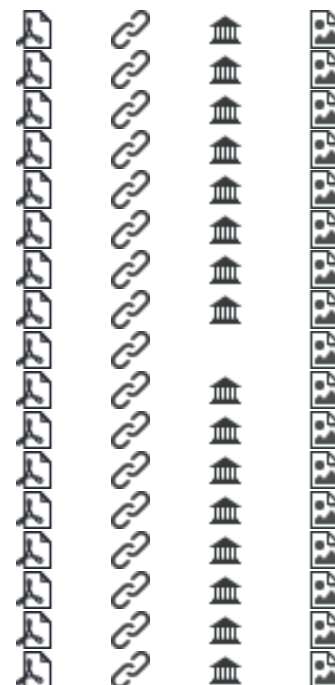
Title

(EP1388006)

In line test device and methods of use

Images**Publication numbers with kind code & date**

CN101694490	B	2014-02-19	CN101694490B
TWI328680	B	2010-08-11	TWI328680
CN101694490	A	2010-04-14	CN101694490
DK1388006	T5	2009-09-28	DK1388006T
EP1388006	B9	2009-09-23	EP1388006
DK1388006	T3	2009-08-17	DK1388006T
CN100498335	C	2009-06-10	CN100498335C
DE60231974	D1	2009-05-28	DE60231974
AT428924	T	2009-05-15	ATE428924
EP1388006	B1	2009-04-15	EP1388006
CN1509409	A	2004-06-30	CN1509409
EP1388006	A4	2004-06-30	EP1388006
EP1388006	A2	2004-02-11	EP1388006
US6565808	B2	2003-05-20	US6565808
WO02/95396	A3	2003-01-16	WO200295396
WO02/95396	A2	2002-11-28	WO200295396
US20020173047	A1	2002-11-21	US20020173047

**Abstract**

(EP1388006)

The present invention recognizes that it can be desirable to have a sample receiving chamber (1) integral to or engageable with a test platform (2), such as a test platform (2) that includes a test strip (3).

Inventors

HUDAK ROBERT

BAUTISTA LORRAINE

Latest standardized assignees - inventors removed

ALERE

Family 50/100 - FAMPAT - ©Questel

Title

(FR1327396)

Closure means for tubes and bottles

Publication numbers with kind code & date

[FR1327396](#)

A

1963-05-17

FR1327396

**Inventors**

JOHMANN FRANK THEODORE

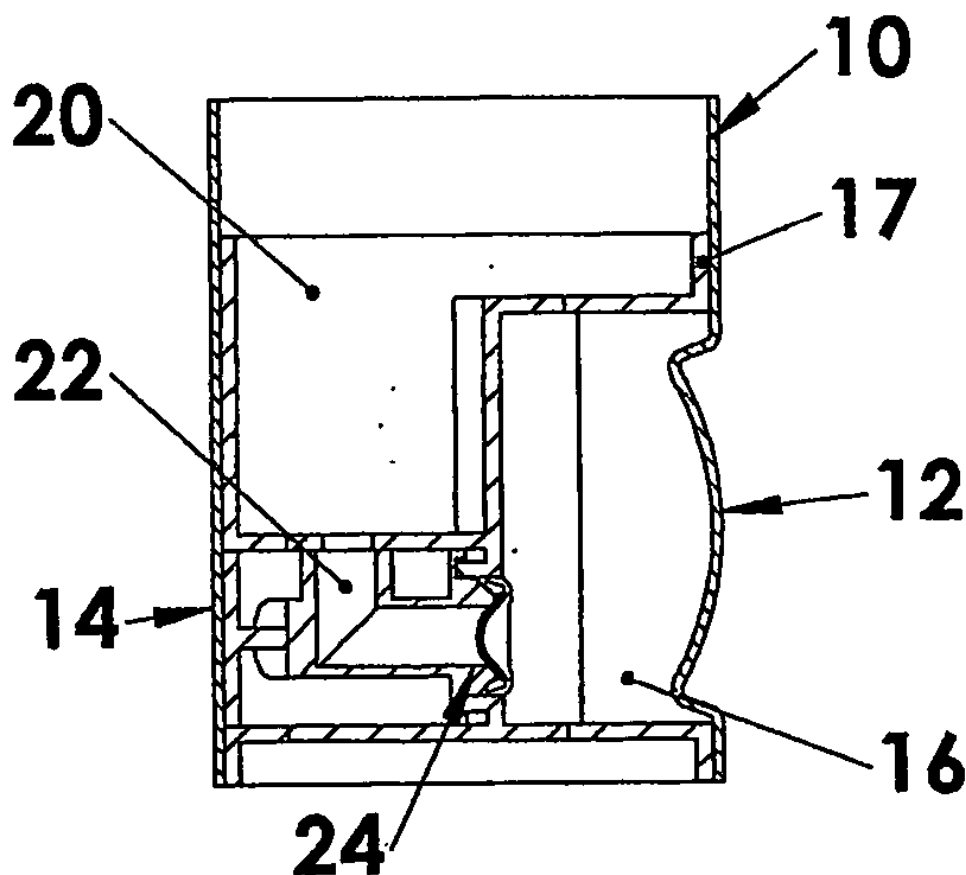
BROSS KARL HELMUT

Family 51/100 - FAMPAT - ©Questel

Title

(EP1689532)

Dispensing container

Images**Publication numbers with kind code & date**[US20070210113](#)

A1 2007-09-13

US20070210113

[EP1689532](#)

A1 2006-08-16

EP1689532

[WO2005/046882](#)

A1 2005-05-26

WO200546882

**Abstract**

(EP1689532)

The invention provides a container 10 having a dispensing outlet 19, a section of said container 10 adjacent to said outlet being provided with a pumping assembly 17 sized to be insertable into said section via said outlet and further being provided with a pumping button 12; wherein said button 12 is a section of the container wall 14 and depression of said button 12 actuates said pumping assembly 17.

Inventors

GENOSAR AMIR

SOLOMON ILAN

Latest standardized assignees - inventors removed

PROFILE DISPENSING INNOVATION

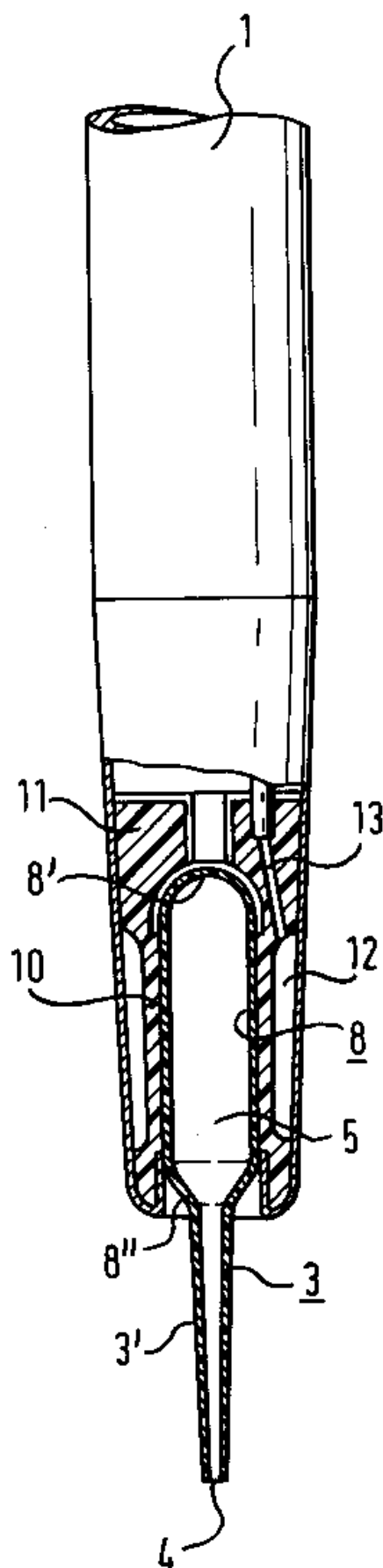
Family 52/100 - FAMPAT - ©Questel

Title

(EP-547503)

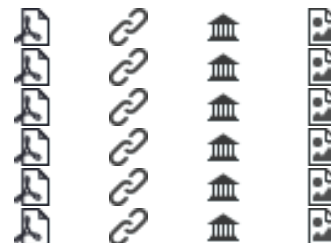
Pipetting device.

Images

Fig. 4

Publication numbers with kind code & date

JP1989069	C	1995-11-08	JP1989069
JP6102157	B2	1994-12-14	JP94102157
JP06126198	A	1994-05-10	JP06126198
DE4141608	C2	1993-12-02	DE4141608
DE4141608	A1	1993-06-24	DE4141608
EP0547503	A1	1993-06-23	EP-547503

**Abstract**

(EP0547503)

Pipetting device having a housing (1) and a receptacle (10) formed therein, a pipette tip (3) which has a tubular tip section (3') with a tip orifice (4) for the passage of **fluid** from outside to inside and vice versa, and a deformation section (8) combined therewith into a unit, the pipette tip (3) with the outwards-projected tip section (3') being inserted in the receptacle (10) and being detachably linked to the housing (1), an actuation device (29) and a setting device (11, 15, 16, 21) linked thereto which bears on the outside of the deformation section (8) in order to compress or expand the latter and a working volume, which is arranged therein and is open towards the tip orifice (4), in accordance with an actuation of the actuation device (29), the internal width of the undeformed deformation section (8) exceeding that of the tip orifice (4), and the setting device (11, 15, 16, 21) deforming the deformation section (8) essentially in a transverse direction over the entire deformation range of the working volume. <IMAGE>

Inventors

KUEHN GUENTHER

Latest standardized assignees - inventors removed

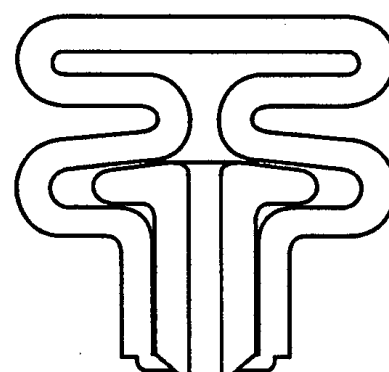
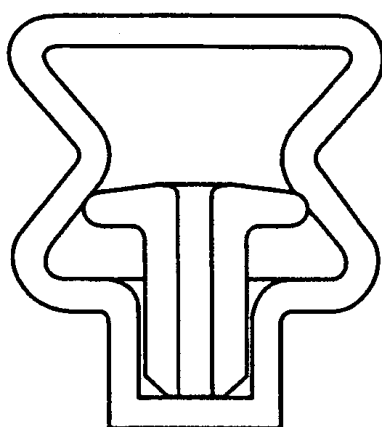
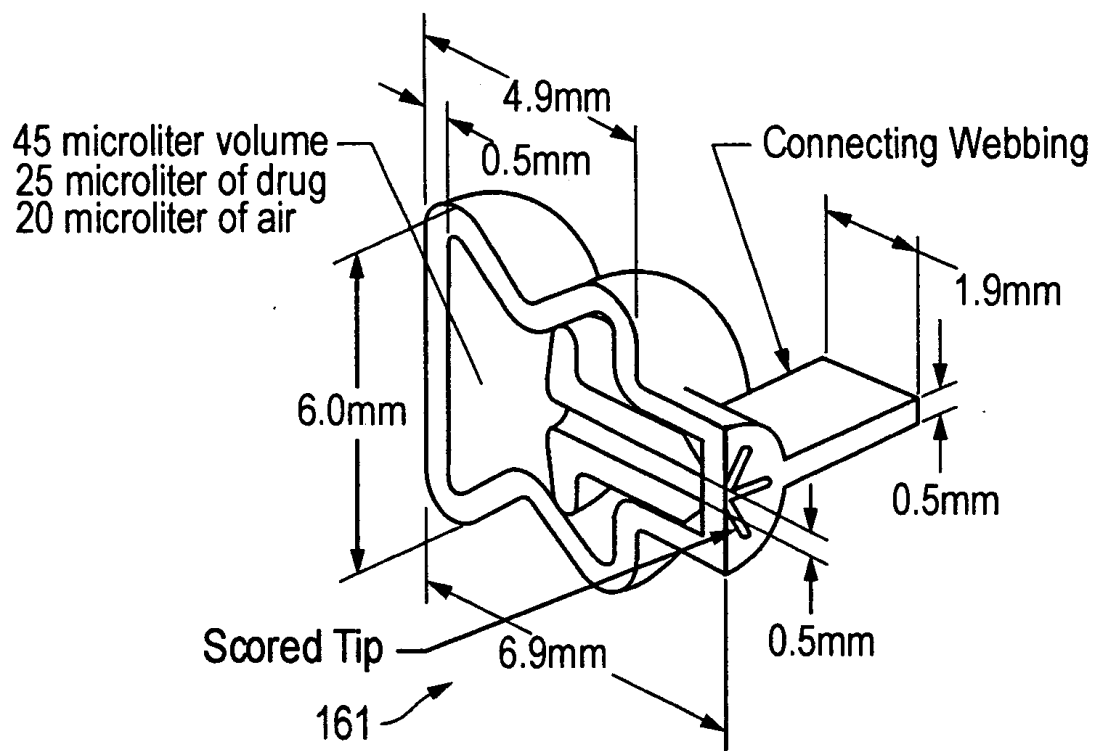
EPPENDORF NETHELER HINZ

Family 53/100 - FAMPAT - ©Questel

Title

(EP1755732)

Multiple unit dose drug delivery system

Images**INTERNALLY PIERCED AMPOULE****FIG. 1**

JP2007534384	A	2007-11-29	JP2007534384				
IN3900/CHENP/2006	A	2007-06-15	IN2006CN03900				
CN1946453	A	2007-04-11	CN1946453				
US20070051362	A1	2007-03-08	US20070051362				
EP1755732	A2	2007-02-28	EP1755732				
WO2005/102058	A3	2006-04-27	WO2005102058				
CA2563365	A1	2005-11-03	CA2563365				
WO2005/102058	A2	2005-11-03	WO2005102058				

Abstract

(EP1755732)

The present disclosure is directed to devices that administer single or multiple doses of one or more substances to the eye, nose, or ear of a user. The precise and repeatable dosing features of the presently disclosed devices overcome many of the disadvantages associated with known methods for dispensing substances to, for example, the eye of a user. The devices administer precise doses of a substance to a precise location from ampoules that may be single-dose or two-dose ampoules, which may be externally or internally pierced.

Inventors

SULLIVAN TIMOTHY R

NELSON JEFFREY

Latest standardized assignees - inventors removed

MYSTIC PHARMACEUTICALS

Family 54/100 - FAMPAT - ©Questel

Title

(EP1718700)

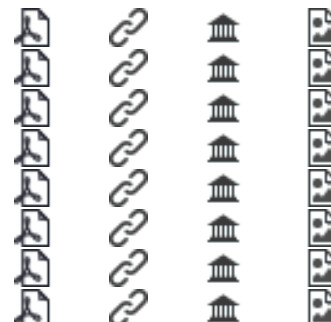
Plasticized polyolefin compositions

Images

$$\text{mm 分数} = \frac{\text{PPP(mm)}}{\text{PPP(mm)} + \text{PPP(mr)} + \text{PPP(rr)}}$$

Publication numbers with kind code & date

EP1718700	B8	2012-10-03	EP1718700
EP1718700	B1	2012-08-29	EP1718700
JP4746566	B2	2011-05-20	JP4746566
CN1918226	B	2011-04-06	CN1918226B
JP2007522327	A	2007-08-09	JP2007522327
CN1918226	A	2007-02-21	CN1918226
EP1718700	A1	2006-11-08	EP1718700
WO2005/080495	A1	2005-09-01	WO200580495

**Abstract**

(EP1718700)

The present invention relates to radiation resistant plasticized polyolefin compositions comprising a polyolefin and a non-functionalized hydrocarbon plasticizer.

Inventors

LI WEN

CHAPMAN BRYAN R

LIN CHON Y

LUNDMARK BRUCE R

LOHSE DAVID J

Latest standardized assignees - inventors removed

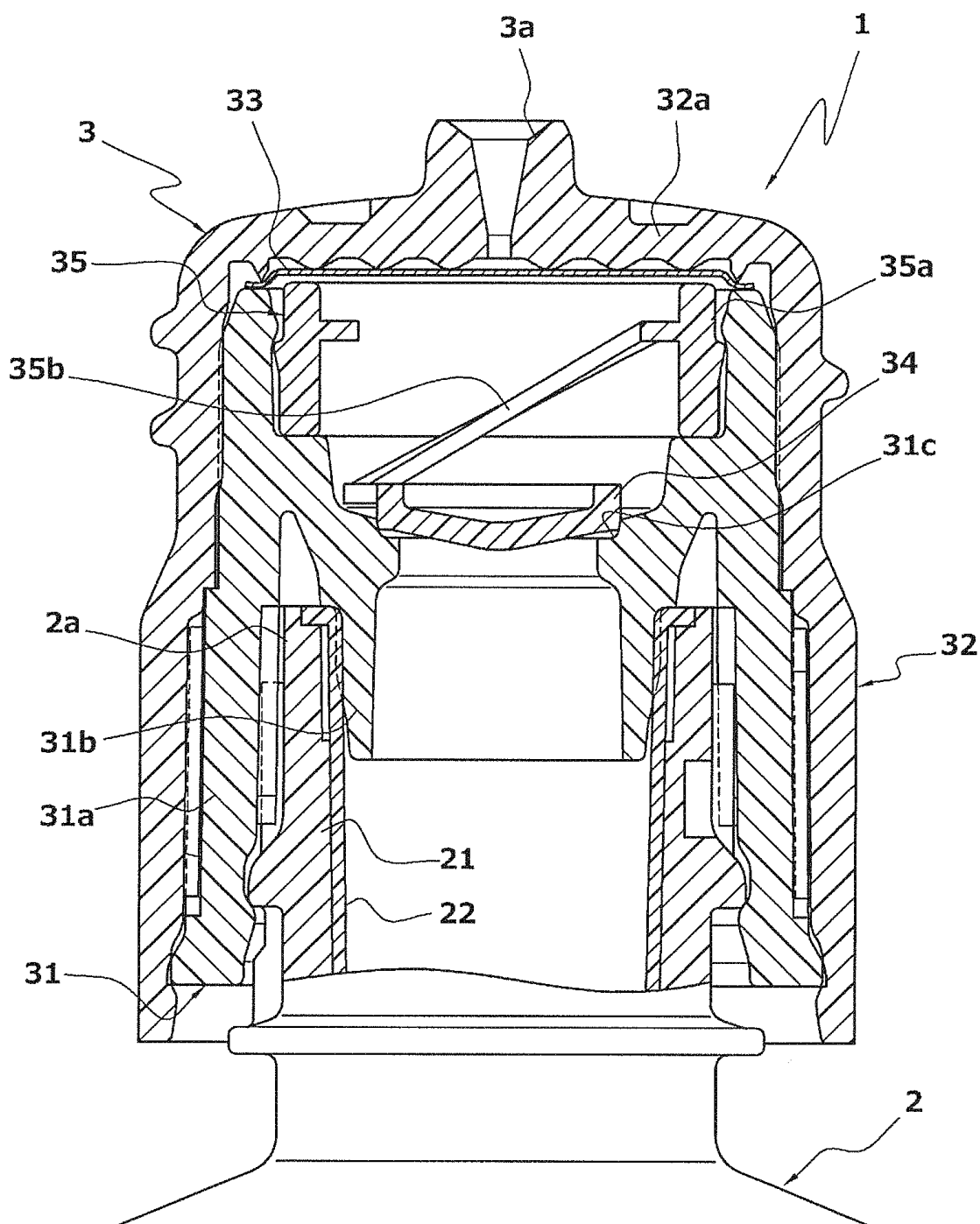
EXXONMOBIL CHEMICAL PATENTS

Family 55/100 - FAMPAT - ©Questel

Title

(EP2848551)

Mouth plug for liquid container

Images**Publication numbers with kind code & date**

ES2702542	T3	2019-03-01	ES2702542
EP2848551	B1	2018-10-24	EP2848551
US9788993	B2	2017-10-17	US9788993
EP2848551	A4	2015-12-23	EP2848551
US20150216723	A1	2015-08-06	US20150216723
EP2848551	A1	2015-03-18	EP2848551
WO2013/168244	A1	2013-11-14	WO2013168244

**Abstract**

(EP2848551)

A plug member integrally includes a base portion (35a) attached to a plug holder (31) to be mounted on a mouth portion of a container, a plug (34) engaged with an engagement portion (31c) provided in an outlet passage of the plug holder (31), and a resilient connection portion (35b) resiliently connecting the plug (34) to the base portion (35a). Before the first use, the outlet passage is closed with the plug member. In the first use, the container is squeezed to increase the internal pressure of the container. Thus, the plug (34) is disengaged from the engagement portion (31c) by the internal pressure. The outlet passage is thereafter constantly kept open.

Inventors

YOSHIMURA SEIJI

MIHASHI HIROKAZU

UETAKE YORIHISA

Latest standardized assignees - inventors removed

TAISEI KAKO

NIHON TENGANYAKU KENKYUSYO

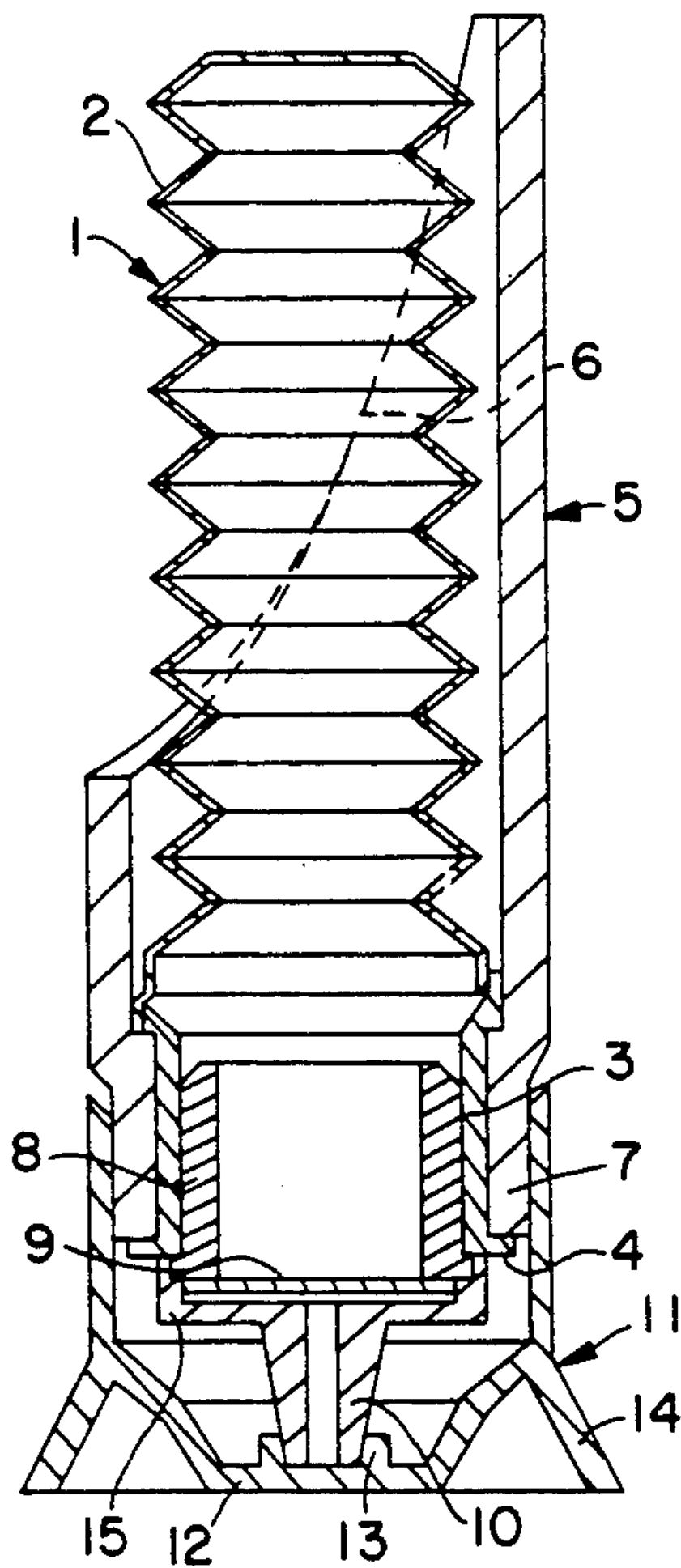
Family 56/100 - FAMPAT - ©Questel

Title

(EP-526512)

Method and packaging for preserving and dispensing portions of a sterile liquid.

Images



Publication numbers with kind code & date

CA2079883	C	2001-05-15	CA2079883				
KR0163564	B1	1998-12-15	KR100163564				
PT97499	B	1998-08-31	PT--97499				
FI101192	B	1998-05-15	FI-101192				
JP2618783	B2	1997-06-11	JP2618783				
GR3014978	T3	1995-05-31	GR3014978				
DE69105127	T2	1995-05-11	DE69105127				
DK0526512	T3	1995-04-18	DK-526512T				
ES2065024	T3	1995-02-01	ES2065024				
DE69105127	D1	1994-12-15	DE69105127				
AT113820	T	1994-11-15	ATE113820				
EP0526512	B1	1994-11-09	EP-526512				
US5310085	A	1994-05-10	US5310085				
JPH05507051	A	1993-10-14	JP05507051				
PT97499	A	1993-05-31	PT--97499				
KR19937000049	A	1993-03-13	KR19937000049				
EP0526512	A1	1993-02-10	EP-526512				
FI924714	A	1992-10-16	FI9204714				
FI924714	A0	1992-10-16	FI9204714				
FR2661401	B1	1992-07-24	FR2661401				
AU7765291	A	1991-11-27	AU9177652				
WO91/16868	A1	1991-11-14	WO9116868				
FR2661401	A1	1991-10-31	FR2661401				
CA2079883	A1	1991-10-28	CA2079883				

Abstract

(EP0526512)

The liquid is enclosed in a resiliently deformable container (1), the neck of which has a microfiltering membrane (9) which is permeable to the liquid but impermeable to air when wet. Since the container resiliently recovers its shape after it is deformed, the liquid remaining in contact with the outside of the membrane after use is sucked back in and the membrane is kept moist until the next time the container is used.

Inventors

LONTRADE JEAN-PIERRE

CHIBRET HENRI

Latest standardized assignees - inventors removed

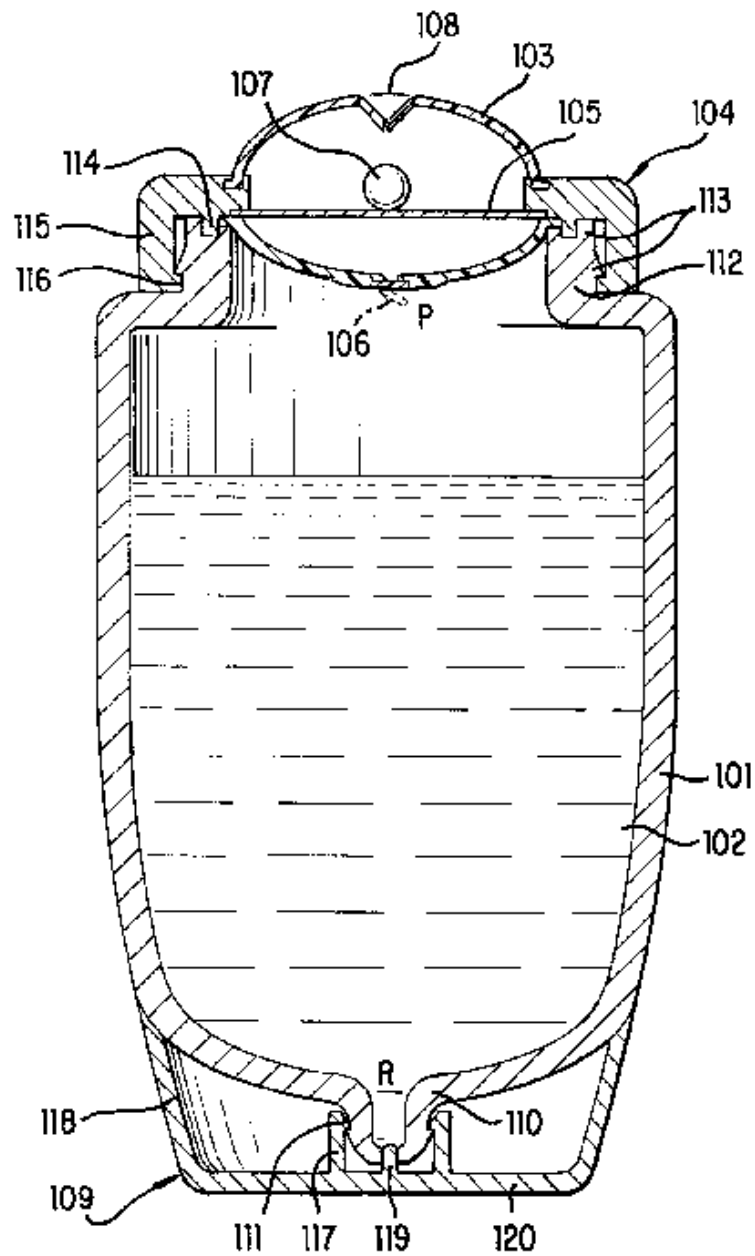
LABORATOIRES THEA

Family 57/100 - FAMPAT - ©Questel

Title

(EP-786419)

Dosing bottle

Images**FIG. 1****Publication numbers with kind code & date**

ES2179171	T3	2003-01-16	ES2179171
DE69622014	T2	2002-10-17	DE69622014
DE69622014	D1	2002-08-01	DE69622014
EP0786419	B1	2002-06-26	EP-786419
USRE37675	E1	2002-04-30	USRE37675



US6152328	A	2000-11-28	US6152328				
JP2944553	B2	1999-09-06	JP2944553				
US5860571	A	1999-01-19	US5860571				
FR2744105	B1	1998-03-06	FR2744105				
JP09202344	A	1997-08-05	JP09202344				
FR2744105	A1	1997-08-01	FR2744105				
EP0786419	A1	1997-07-30	EP-786419				

Abstract

(EP0786419)

The container consists of a reservoir (101) holding the product (102) and having an outlet end (P) surrounded by a neck (112). It also comprises a pressure generator (103) and a second aperture (R) with a product retainer or reduction valve. It incorporates a fixing element (104) which holds the pressure generator onto the reservoir, and the latter has a one-time or semi-permanent seal (106). The lower end of the container has a cover (109) which interacts with the reduction valve, and the body has a rigidity which is sufficient to prevent deformation under normal manual pressure, being made e.g. from glass, plastics or aluminium. It can also be made e.g. from thermoplastics such as polypropylene, polyethylene or polystyrene or copolymers. The pressure generator has a volume of between 0.2 and 25 per cent of the volume of the reservoir; it can be made in the form of a bulb of an elastomer material, a piston or a bellows, and it can be partially contained inside a rigid component made e.g. from polypropylene, polyethylene, polystyrene or copolymers.

Inventors

GUERET JEAN-LOUIS

Latest standardized assignees - inventors removed

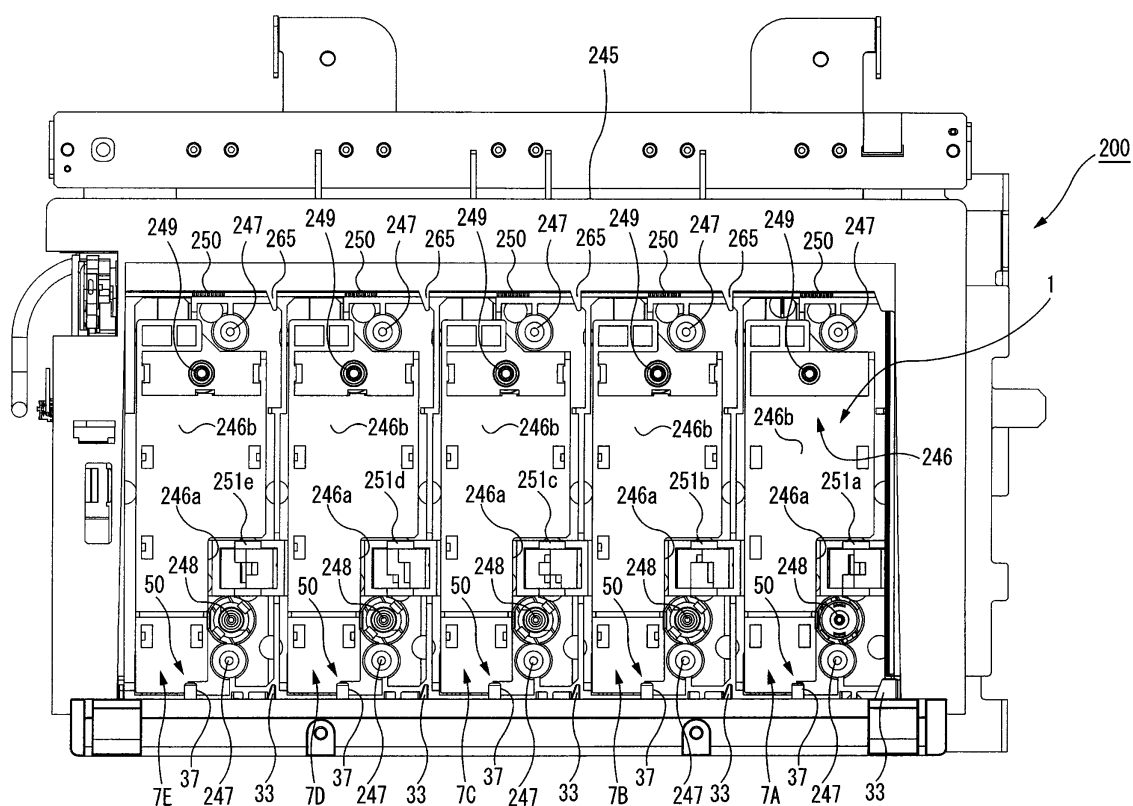
L'OREAL

Family 58/100 - FAMPAT - ©Questel

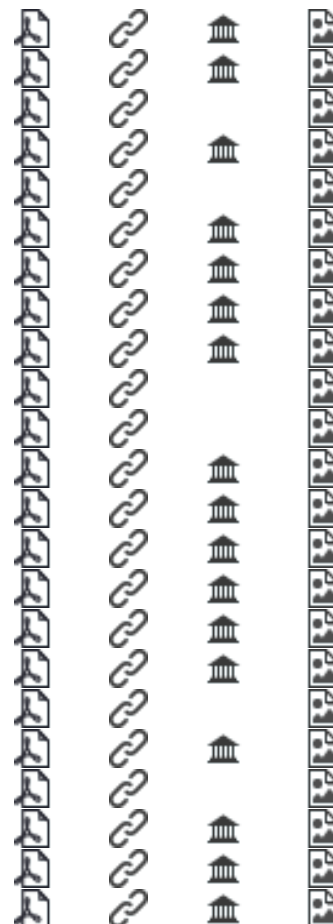
Title

(EP2338685)

Liquid container

Images**Publication numbers with kind code & date**

BRPI0718248	B1	2018-11-06	BR200718248
IN300417	B	2018-08-29	IN-300417
VN0018798	B	2018-04-25	VN--18798B
EP2338685	A3	2018-03-14	EP2338685
TH59795	B	2018-01-04	TH--59795B
TW201738095	A	2017-11-01	TW201738095
TWI581981	B	2017-05-11	TWI581981
TWI488753	B	2015-06-21	TWI488753
TW201518118	A	2015-05-16	TW201518118
RU2547691	C2	2015-04-10	RU2547691
KR101413922	B1	2014-06-30	KR101413922
ES2456872	T3	2014-04-23	ES2456872
EP2298557	B1	2014-03-19	EP2298557
CA2669748	C	2014-02-18	CA2669748
BRPI0718248	A2	2014-01-07	BR200718248
BRPI0718250	A2	2014-01-07	BR200718250
AU2007318760	B2	2013-05-02	AU2007318760
MY147941	A	2013-02-15	MY-147941
CA2669757	C	2012-09-25	CA2669757
RU2010154645	A	2012-07-10	RU2010154645
JP4962498	B2	2012-04-06	JP4962498
US8141998	B2	2012-03-27	US8141998
JP4946751	B2	2012-03-16	JP4946751



JP4946751	B2	2012-03-16	JP4946751				
KR101104475	B1	2012-01-12	KR101104475				
US8091995	B2	2012-01-10	US8091995				
JP2011235652	A	2011-11-24	JP2011235652				
CN101535054	B	2011-11-16	CN101535054B				
PL2080620	T3	2011-10-31	PL2080620				
ES2364291	T3	2011-08-30	ES2364291				
CN101535053	B	2011-08-17	CN101535053B				
EP2338685	A2	2011-06-29	EP2338685				
ES2362022	T3	2011-06-27	ES2362022				
AT511447	T	2011-06-15	ATE511447				
US7954931	B2	2011-06-07	US7954931				
EP2080620	B1	2011-06-01	EP2080620				
RU104116	U1	2011-05-10	RU-104116				
NZ576676	A	2011-04-29	NZ-576676				
RU2416523	C2	2011-04-20	RU2416523				
EP2298557	A1	2011-03-23	EP2298557				
RU2414355	C2	2011-03-20	RU2414355				
DE602007011798	D1	2011-02-17	DE602007011798				
AU2007318573	B2	2011-01-27	AU2007318573				
TWI336293	B	2011-01-21	TWI336293				
AT494148	T	2011-01-15	ATE494148				
EP2080621	B1	2011-01-05	EP2080621				
RU2009121533	A	2010-12-20	RU2009121533				
RU2009121541	A	2010-12-20	RU2009121541				
ZA200903099	B	2010-03-31	ZA200903099				
JPWO2008056487	A1	2010-02-25	JP2008056487W				
CN100584622	C	2010-01-27	CN100584622C				
EP2080621	A4	2009-12-16	EP2080621				
EP2080620	A4	2009-12-09	EP2080620				
CN101535053	A	2009-09-16	CN101535053				
CN101535054	A	2009-09-16	CN101535054				
KR20090091694	A	2009-08-28	KR20090091694				
MX2009004815	A	2009-08-28	MX2009004815				
VN20631	A	2009-08-25	VN--20631				
KR20090085598	A	2009-08-07	KR20090085598				
EP2080620	A1	2009-07-22	EP2080620				
EP2080621	A1	2009-07-22	EP2080621				
IN2869/DELNP/2009	A	2009-06-19	IN2009DN02869				
TH94062	A	2009-02-27	TH--94062				
TW200902331	A	2009-01-16	TW200902331				
US20080284810	A1	2008-11-20	US20080284810				
JP2008137376	A	2008-06-19	JP2008137376				
US20080136878	A1	2008-06-12	US20080136878				
TW200821164	A	2008-05-16	TW200821164				
AU2007318573	A1	2008-05-15	AU2007318573				
AU2007318760	A1	2008-05-15	AU2007318760				
CA2669748	A1	2008-05-15	CA2669748				
CA2669757	A1	2008-05-15	CA2669757				
WO2008/056487	A1	2008-05-15	WO200856487				
WO2008/056674	A1	2008-05-15	WO200856674				
CN101177068	A	2008-05-14	CN101177068				

[US20080106575](#)

A1

2008-05-08

US20080106575

**Abstract**

(EP2338685)

It is provided a liquid container enabling liquid containers to be accommodated with high density without deteriorating electrical connection between contact points of an apparatus terminal and a circuit board, a container holder, and the liquid consuming apparatus. Two side surfaces 15 and 25 intersecting short sides of a front end surface 11 in an insertion direction of a substantially rectangular flat ink cartridge 100 become top and bottom surfaces. A circuit board 17 and a container fixation structure 40 are formed on a side surface 15, which becomes the top surface, and the side surface 25, which is the bottom surface, respectively.

Inventors

NOZAWA IZUMI

SHIMIZU KAZUTOSHI

KIMURA HITOTOSHI

Latest standardized assignees - inventors removed

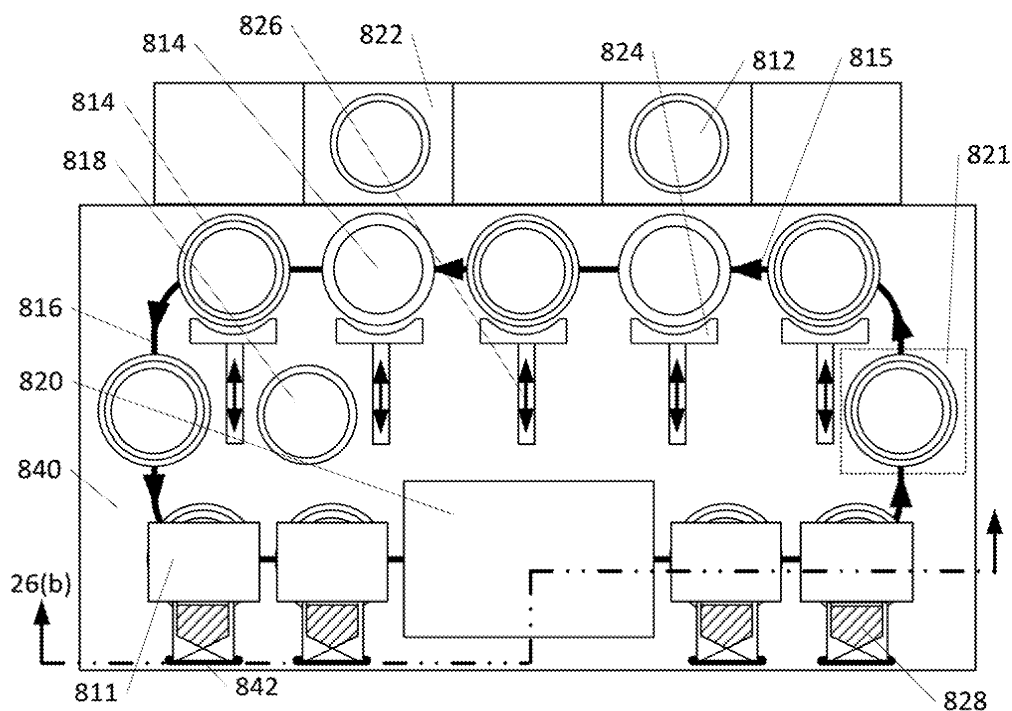
SEIKO EPSON

Family 59/100 - FAMPAT - ©Questel

Title

(EP3535196)

Methods and apparatus for automated food preparation

Images**Publication numbers with kind code & date**[EP3535196](#)

A1

2019-09-11

EP3535196

[CA3042704](#)

A1

2018-05-11

CA3042704

[WO2018/085796](#)

A1

2018-05-11

WO201885796

[US20180127192](#)

A1

2018-05-10

US20180127192

**Abstract**

(EP3535196)

Methods and apparatus for automatically preparing food for consumption in which preparation comprises dispensing, manipulation, heating, and other operations using a wide variety of ingredients. The methods and apparatus described use ingredients efficiently and maintain their quality, while avoiding contact between ingredients and; apparatus to minimize the risk of system contamination.

Inventors

COHEN ADAM

Latest standardized assignees - inventors removed

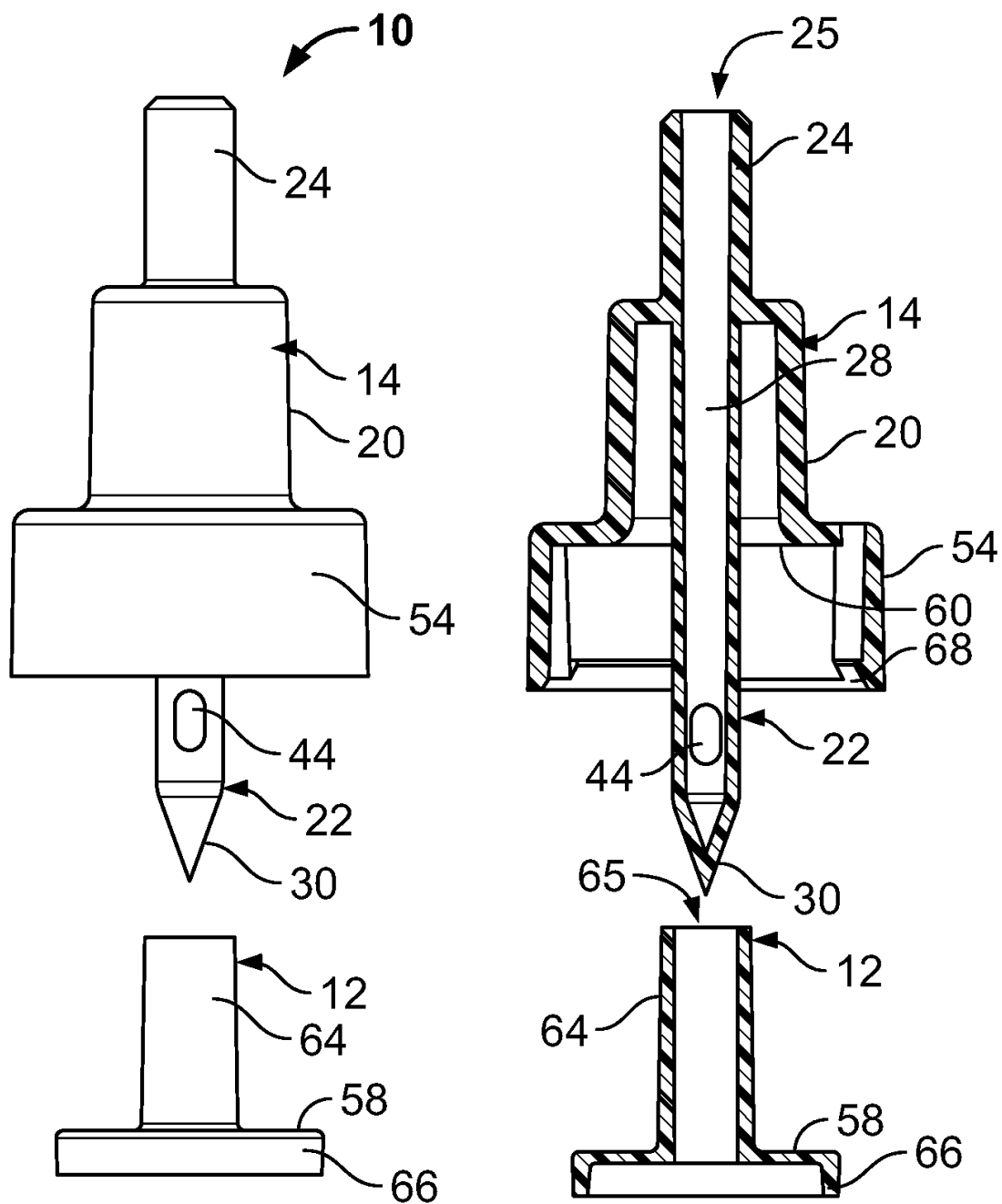
INNNOVO

Family 60/100 - FAMPAT - ©Questel

Title

(EP3405231)

Single use connectors

Images**Publication numbers with kind code & date**

EP3405231	A4	2019-10-16	EP3405231
US10426701	B2	2019-10-01	US10426701
JP2019502483	A	2019-01-31	JP2019502483
IN201817031075	A	2018-12-28	IN201817031075
EP3405231	A1	2018-11-28	EP3405231
CA3050846	A1	2017-07-27	CA3050846
WO2017/127589	A1	2017-07-27	WO2017/127589
US20170202741	A1	2017-07-20	US20170202741

**Abstract**

(EP3405231)

Connector assembly including a piercing member having a flow port therein attached to a first piece, with the piercing member slidably receivable within a second piece, wherein the piercing member and the second piece are movable relative to each other between a first position where the second piece closes the flow port and a second position where the flow port is open. The first piece contains a locking mechanism that lockingly engages with a device when connected thereto, preventing subsequent disconnection of first piece and the device. Upon initial connection of the first piece to the device, the second piece is moved from the first position to the second position.

Inventors

PY DANIEL

Latest standardized assignees - inventors removed

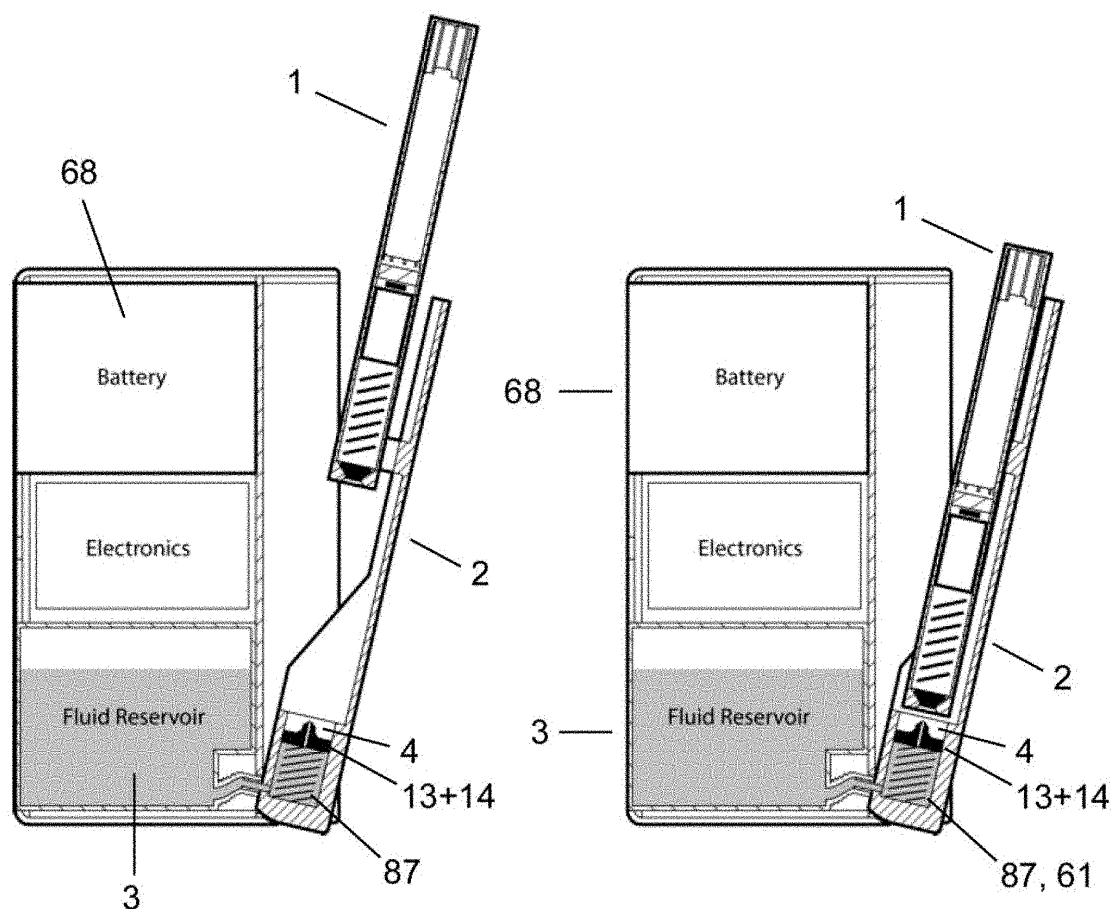
MEDINSTILL DEVELOPMENT

Title

(EP2964038)

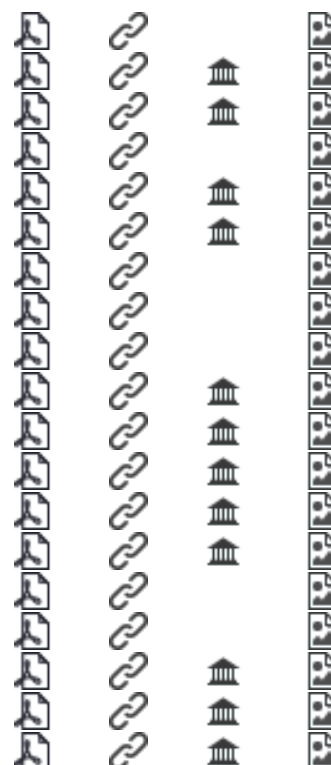
E-cigarette personal vaporizer

Images



Publication numbers with kind code & date

RU2707893	C2	2019-12-02	RU2707893
AU2019240595	A1	2019-10-24	AU2019240595
AU2015221945	B2	2019-07-11	AU2015221945
SG10201902073W	A	2019-04-29	SG10201902073W
US10149497	B2	2018-12-11	US10149497
GB2525480	B	2018-10-31	GB2525480
RU2016138312	A3	2018-08-21	RU2016138312
RU2016138312	A	2018-04-03	RU2016138312
HK1231333	A1	2017-12-22	HK1231333
JP2017513513	A	2017-06-01	JP2017513513
ES2599849	T3	2017-02-03	ES2599849
IN201617028666	A	2017-01-13	IN201617028666
CN106163307	A	2016-11-23	CN106163307
DK2964038	T3	2016-11-21	DK2964038T
KR20160129024	A	2016-11-08	KR20160129024
SG11201606995W	A	2016-09-29	SG11201606995W
AU2015221945	A1	2016-09-15	AU2015221945
EP2964038	B1	2016-07-20	EP2964038
US20160150824	A1	2016-06-02	US20160150824



US9247773	B2	2016-02-02	US9247773				
EP2964038	A1	2016-01-13	EP2964038				
GB2525480	A	2015-10-28	GB2525480				
CA2940596	A1	2015-09-03	CA2940596				
US20150245656	A1	2015-09-03	US20150245656				
WO2015/128665	A1	2015-09-03	WO2015128665				
GB201503293	D0	2015-04-15	GB201503293				

Abstract

(EP2964038)

A portable, personal storage and carrying case for an e-liquid e-cigarette PV in which the case includes: (a) a power source for re-charging a rechargeable battery in the PV; (b) a reservoir for holding e-liquid; and (c) a **fluid** transfer system adapted to transfer e-liquid from the reservoir to a chamber in the PV.

Inventors

MEMARI KEVAH

BENNETT ADRIAN

MURISON IAN

MARSH STEPHEN

Latest standardized assignees - inventors removed

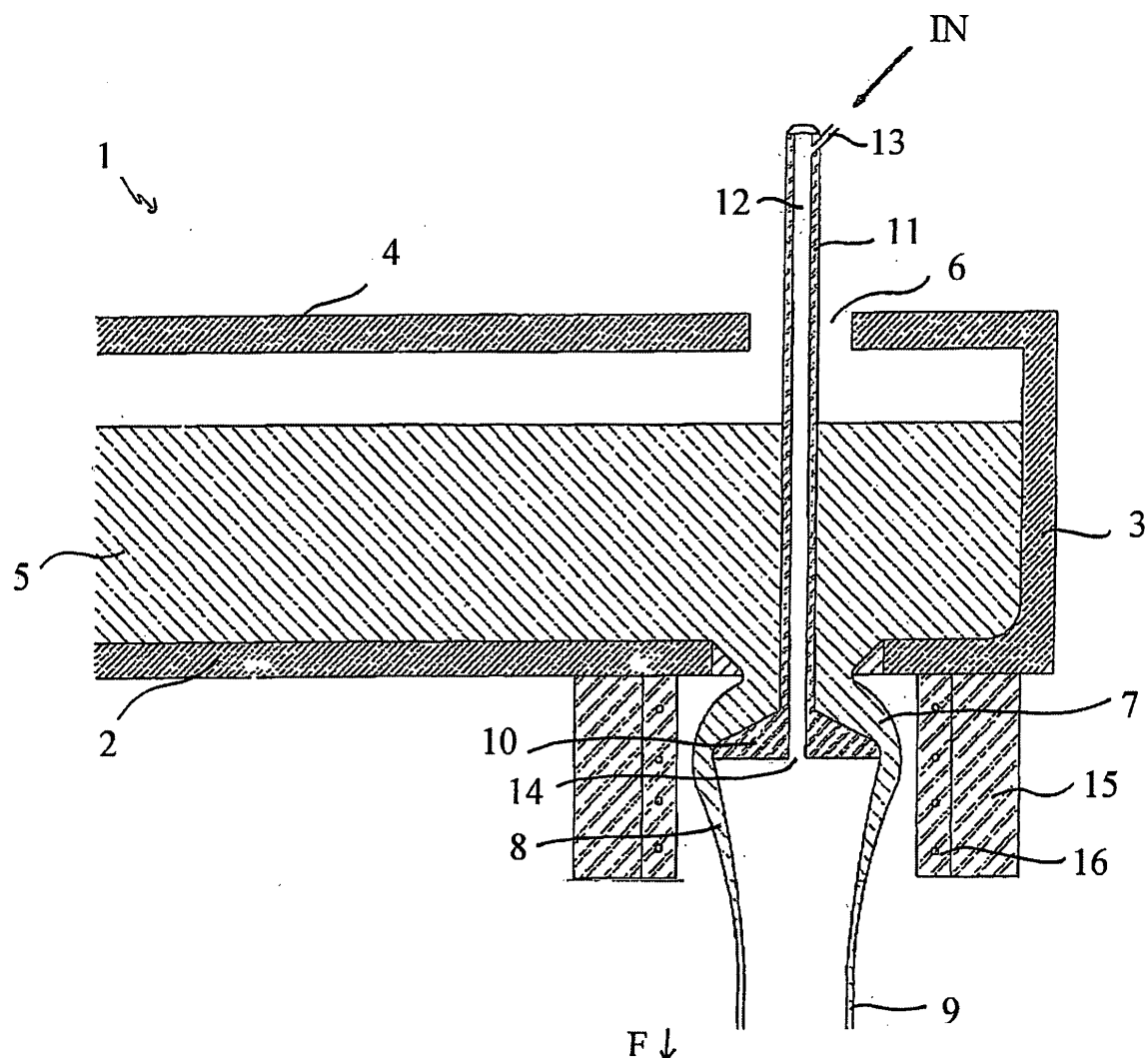
AYR

Family 62/100 - FAMPAT - ©Questel

Title

(EP1724243)

Method and apparatus for the production of glass tubes with inner coating

Images**Publication numbers with kind code & date**

CN1872754	B	2012-02-15	CN1872754B
DE102005023582	B4	2009-04-16	DE102005023582
DE502006002303	D1	2009-01-22	DE502006002303
AT417027	T	2008-12-15	ATE417027
EP1724243	B1	2008-12-10	EP1724243
BRPI0601785	A	2007-01-09	BR200601785
CN1872754	A	2006-12-06	CN1872754
JP2006321713	A	2006-11-30	JP2006321713
KR20060119804	A	2006-11-24	KR20060119804
DE102005023582	A1	2006-11-23	DE102005023582
US20060260360	A1	2006-11-23	US20060260360
EP1724243	A1	2006-11-22	EP1724243
BRPI0601785	A1	2006-07-11	BR200601785

**Abstract**

(EP1724243)

Glass pipe with a tempered inner surface, is formed by drawing a glass melt to a soft tube and then hot forming while

applying an aerosol to the inner wall

A process for producing a glass pipe with a tempered inner surface, comprises drawing a glass melt (5) to a soft glass tube (8). The latter is then hot formed into a glass pipe (9) and a substance is fed into the tube. The substance consists of an aerosol, and is applied to the inner surface during hot forming.

Inventors

DICK ERHARD

FISCHER ERICH

FUCHS ROLAND

HUMMER ALEXANDER

TRATZKY STEPHAN

Latest standardized assignees - inventors removed

SCHOTT

Inventors

HASAN ABUL KHAER MOHAMAD QUAMR

MAO MARK HSIANG-KUEN

KOBAYASHI RYOKO

Latest standardized assignees - inventors removed

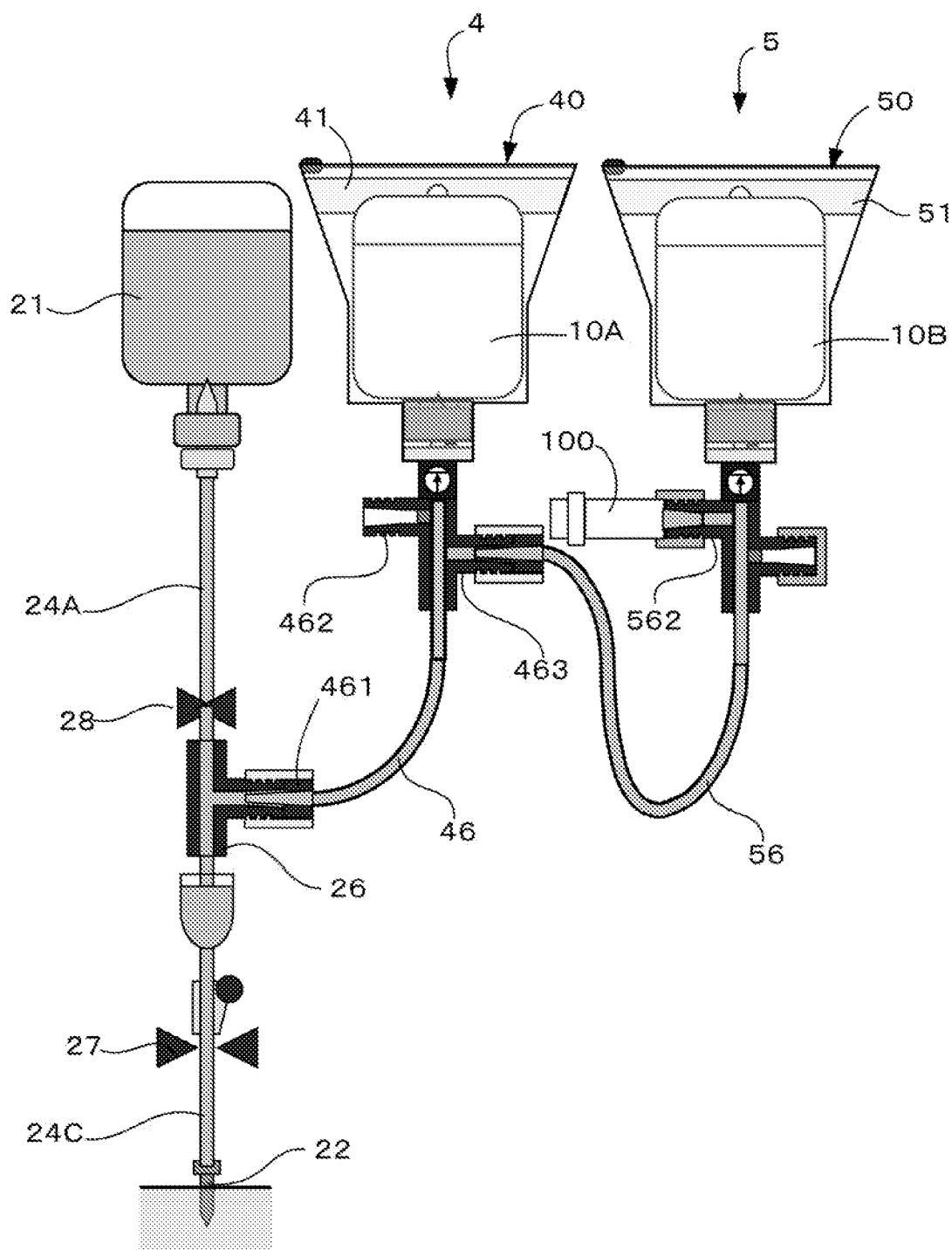
PROCTER & GAMBLE

Family 64/100 - FAMPAT - ©Questel

Title

(EP2799056)

Exposure prevention cover, exposure prevention cover module provided with same, drug solution supply system, and drug solution supply method

Images**Publication numbers with kind code & date**

AU2012361689	B2	2018-01-25	AU2012361689
TWI606820	B	2017-12-01	TWI606820
RU2616261	C2	2017-04-13	RU2616261
JP6062871	B2	2016-12-22	JP6062871
JP2016185346	A	2016-10-27	JP2016185346
RU2014131281	A	2016-02-20	RU2014131281



IN4767/CHENP/2014	A	2016-02-05	IN2014CN04767				
EP2799056	A4	2015-08-05	EP2799056				
JPWO2013099946	A1	2015-05-11	JP2013099946W				
US20150005734	A1	2015-01-01	US20150005734				
EP2799056	A1	2014-11-05	EP2799056				
KR20140108306	A	2014-09-05	KR20140108306				
CN104010615	A	2014-08-27	CN104010615				
AU2012361689	A2	2014-08-21	AU2012361689				
AU2012361689	A1	2014-08-14	AU2012361689				
TW201332541	A	2013-08-16	TW201332541				
CA2860279	A1	2013-07-04	CA2860279				
WO2013/099946	A1	2013-07-04	WO201399946				

Abstract

(EP2799056)

The present invention provides an exposure prevention cover that prevents exposure to a drug solution, pharmaceuticals or the like, an exposure prevention cover module provided with the same, a drug solution supply system, and a drug solution supply method. An exposure prevention cover for housing a drug solution container that contains a drug solution and has a connection port through which the drug solution can be discharged, includes a cover body that houses the drug solution container and has an opening open to the outside for inserting the drug solution container; a closure section that closes the opening; a holding section that holds the drug solution container housed in the cover body inside the cover body; a connection section that is attached to the cover body and can be connected to the discharge port of the drug solution container, so that the drug solution in the drug solution container can be discharged outside the cover body; and a suspension section provided on the cover body for suspending the cover body.

Inventors

INOUE FUJIO

SHIGA JUNYA

NISHIOKA MASAKI

TAKIGUCHI OSAMU

HAMAI KATSUYOSHI

Latest standardized assignees - inventors removed

OTSUKA PHARMACEUTICAL FACTORY

OTSUKA TECHNO

Family 65/100 - FAMPAT - ©Questel

Title

(US5997518)

Apparatus and method for delivery of small volumes of liquid

Images**OTHER PUBLICATIONS**

Lyach et al., "Reduction of phenylephrine drop size in infants achieves equal dilation with decreased systemic absorption," *Arch. Ophthalmol.*, 105: 1364-1365, 1987.

Pallon and Francoeur, "Ocular bioavailability and systemic loss of topically applied ophthalmic drugs," *Am. J. Ophthalmol.*, 85:225-229, 1978.

Patterson, "Pharmacokinetic evidence for improved ophthalmic drug delivery by reduction of instilled volume," 66(7): 1058-1059, 1977.

Pettersson et al., "Treatment of glaucoma using minidrops of clonidine," *Arch. Ophthalmol.*, 102:1180-1182, 1984.

Schoenwald, "Pharmacokinetics in ocular drug delivery," *In: Biopharmaceutics of Ocular Drug Delivery*, CRC Press, Inc., City, pp. 159-191, 1992.

Shell, "Pharmacokinetics of locally applied ophthalmic drugs," *Survey Ophthalmol.*, 26(4):207-218, 1982.

Vocci et al., "Reformation and drop size of apraclonidine hydrochloride," *Am. J. Ophthalmol.*, 113:154-160, 1992.

Publication numbers with kind code & date

US6159188	A	2000-12-12	US6159188
US5997518	A	1999-12-07	US5997518

**Abstract**

(US5997518)

Device and method for delivering small microliter volumes of liquid preparations to the eye or other body part utilizing a gas

stream to induce a controlled, preselected volume of liquid into the gas stream and to deliver the liquid in the form of small droplets to the desired site.

Inventors

LAIBOVITZ ROBERT A

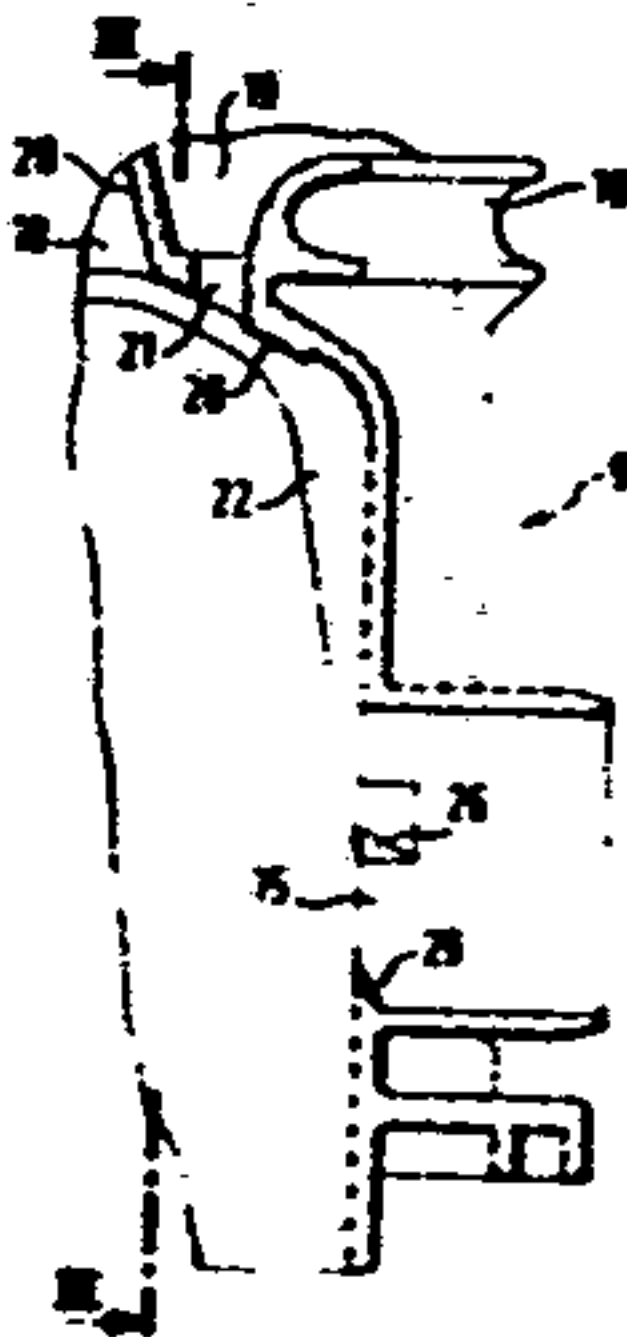
ROGERS ROBERT L

Family 66/100 - FAMPAT - ©Questel

Title

(FR2564492)

Washing machine filler

Images**Publication numbers with kind code & date**

DE3418203	C2	1987-11-26	DE3418203
IT1184983	B	1987-10-28	IT1184983
FR2564492	B3	1986-09-05	FR2564492
FR2564492	A1	1985-11-22	FR2564492



DE3418203	A1	1985-11-21	DE3418203
IT8520701	D0	1985-05-14	IT8520701
IT8521808	V0	1985-05-14	IT8521808U



Abstract

(FR2564492)

A catch gutter (19) with a base opening (21) is arranged over the filling opening (15) to the washing **fluid** container. The base opening (21) is aligned at a tangent to a guide rib (22) running downwards for its lower end to range into the machine filling opening (15). Pref. a drop wedge (25) is at the lower end of the guide rib (22), at the side of the gutter's base opening (21). It is vertically above a catch bar (29), at the lower edge of the filling opening (15), which has an angled base running down to form a support for the filling opening (15). A wall rib runs parallel to the guide rib (22), with its lower end also ranging into the filling opening (15), so that its structure matches that of the guide rib. The catch gutter (19) is fitted to the upper section (9) of the washing **fluid** container which is a water main with an overflow, at the main feed inlet (10) for the machine. A drop guide bar (28) runs downwards on the wall from the base opening (21) in the gutter.

Inventors

HOPPE HORST

UMIDOFF ARIBERT

Latest standardized assignees - inventors removed

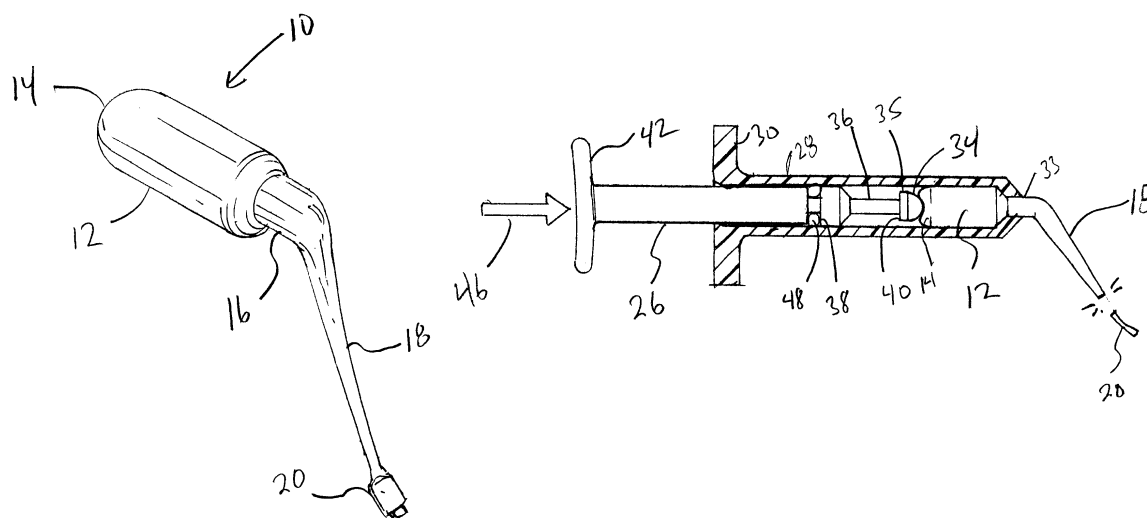
BSH BOSCH & SIEMENS HAUSGERAETE 81669 MUEN

Family 67/100 - FAMPAT - ©Questel

Title

(EP1086661)

Unit dose low viscosity material dispensing system

Images**Publication numbers with kind code & date**

US6869419	B2	2005-03-22	US6869419
EP1086661	A3	2003-04-02	EP1086661
US20020010430	A1	2002-01-24	US20020010430
US6328715	B1	2001-12-11	US6328715
JP2001112782	A	2001-04-24	JP2001112782
EP1086661	A2	2001-03-28	EP1086661

**Abstract**

(EP1086661)

An ampule having a body portion and a sealed end portion and a sealed delivery portion adapted for use in a delivery syringe system for controllably dispensing a low viscosity material, such as a liquid, gel, or paste. An ampule having sealed rear portions adapted to mate with a plunger of a syringe so as to facilitate controlled dispensing of a low viscosity material. The syringe has a plunger adapted to grasp the collapsed ampule, facilitating removal, as well as breach openings positioned to provide controlled initial flow of the dispensed low viscosity material. In one embodiment, a barrel having different internal diameters is used to improve dispensing of material within an ampule. Low viscosity materials such as liquids and gels are controllably dispensed in a measured unit dose quantity. The present invention has many applications, but is particularly applicable to dispensing low viscosity materials such as used in coatings and not injected parenterally, and is particularly applicable to dental applications. <IMAGE>

Inventors

DRAGAN WILLIAM B

SNEDDEN JOHN

ROWE GORDON

Latest standardized assignees - inventors removed

CENTRIX

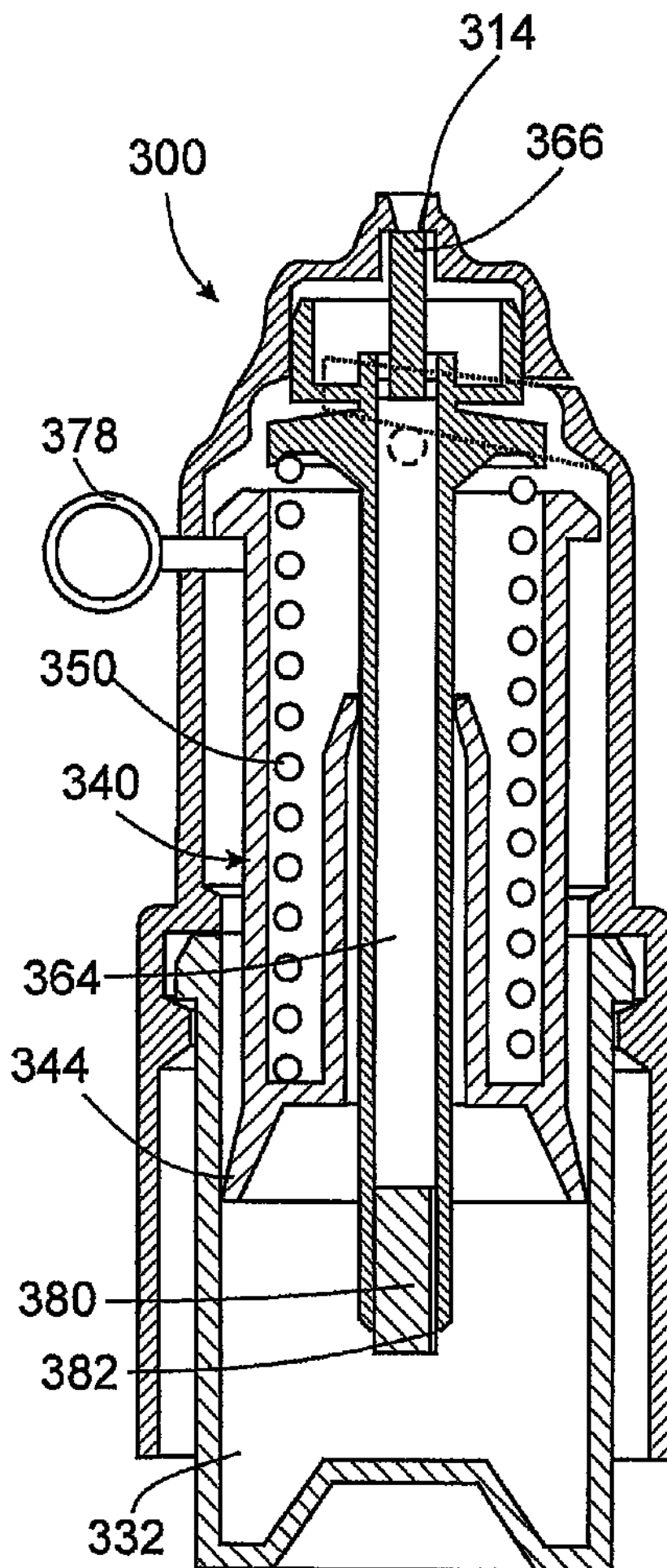
Family 68/100 - FAMPAT - ©Questel

Title

(EP2624793)

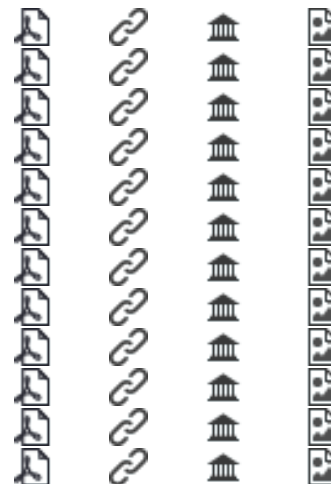
Discharge device

Images



Publication numbers with kind code & date

JP6034790	B2	2016-11-04	JP6034790
CN103402467	B	2016-06-29	CN103402467B
BR112013008235	A2	2016-06-14	BR112013008235
US9204994	B2	2015-12-08	US9204994
EP2624793	B1	2015-06-24	EP2624793
BR112013008235	A1	2015-03-24	BR112013008235
CN103402467	A	2013-11-20	CN103402467
JP2013539674	A	2013-10-28	JP2013539674
EP2624793	A1	2013-08-14	EP2624793
US20130190703	A1	2013-07-25	US20130190703
WO2012/045614	A1	2012-04-12	WO201245614
DE102010048085	A1	2012-04-05	DE102010048085

**Abstract**

(EP2624793)

1. Discharge device for discharging pharmaceutical liquids. 2.1. The invention relates to a discharge device (100) for discharging pharmaceutical liquids, in particular for ophthalmic purposes, with a housing (110), a liquid reservoir (130) with a receiving space (132) for storing the pharmaceutical liquid, and a discharge opening (112) which is provided on the housing (110) and which connects the receiving space (132) to an environment and serves to dispense the pharmaceutical liquid (136). 2.2. According to the invention, provision is made that a pretensioned spring mechanism (150) is provided, by means of which liquid in the receiving space (132) of the liquid reservoir (130) is subjected to pressure and which, in the assembled state of the discharge device (100), is not accessible for input of energy. 2.3. Use in particular in a discharge device with manually mechanically activatable outlet valve.

Inventors

GREINER-PERTH JÜRGEN

WOCHLE MATTHIAS

Latest standardized assignees - inventors removed

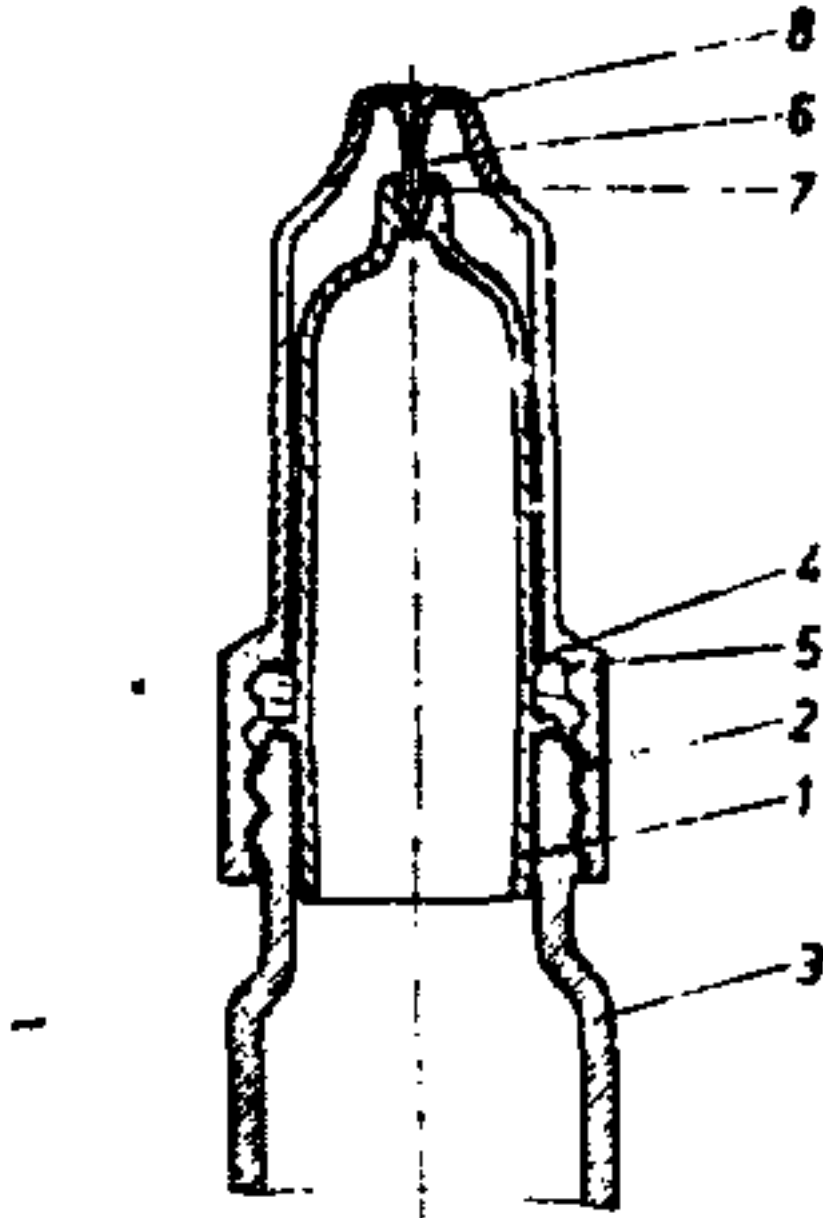
APTAR RADOLFFZELL

Family 69/100 - FAMPAT - ©Questel

Title

(FR2424854)

Combined device of closure

Images**Publication numbers with kind code & date**

FR2424854	B1	1985-01-25	FR2424854
CH637345	A5	1983-07-29	CH-637345
GB2020255	B	1982-07-28	GB2020255
ES243021	Y	1980-06-16	ES-243021Y
FR2424854	A1	1979-11-30	FR2424854
GB2020255	A	1979-11-14	GB2020255



DE2906818	A1	1979-11-08	DE2906818
ES243021	U	1979-10-01	ES-243021U
IT7935810	V0	1979-05-02	IT7935810U

**Abstract**

(FR2424854)

A synthetic resin closure combination comprises an applicator (1) and a screw cap (2) fitting over it, the top end of the applicator (1) having an oval cross-section and the cold flow or bonding welds resulting from the production of the applicator (1) being arranged on the narrow sides of the applicator (1), i.e. the sides with the smallest radius, the applicator (1) having a rounded tip containing a drop-dispensing outlet and a dropping chamber (7) which is initially isolated from the interior of the applicator (1) by a membrane (11), and the screw cap (2) having a pin (6) fixed to a tapering shaft (8) positioned vertically above the membrane (11). <IMAGE>

(From GB2020255 A)

Inventors

FRANKE EGON

APEL PETER

Latest standardized assignees - inventors removed

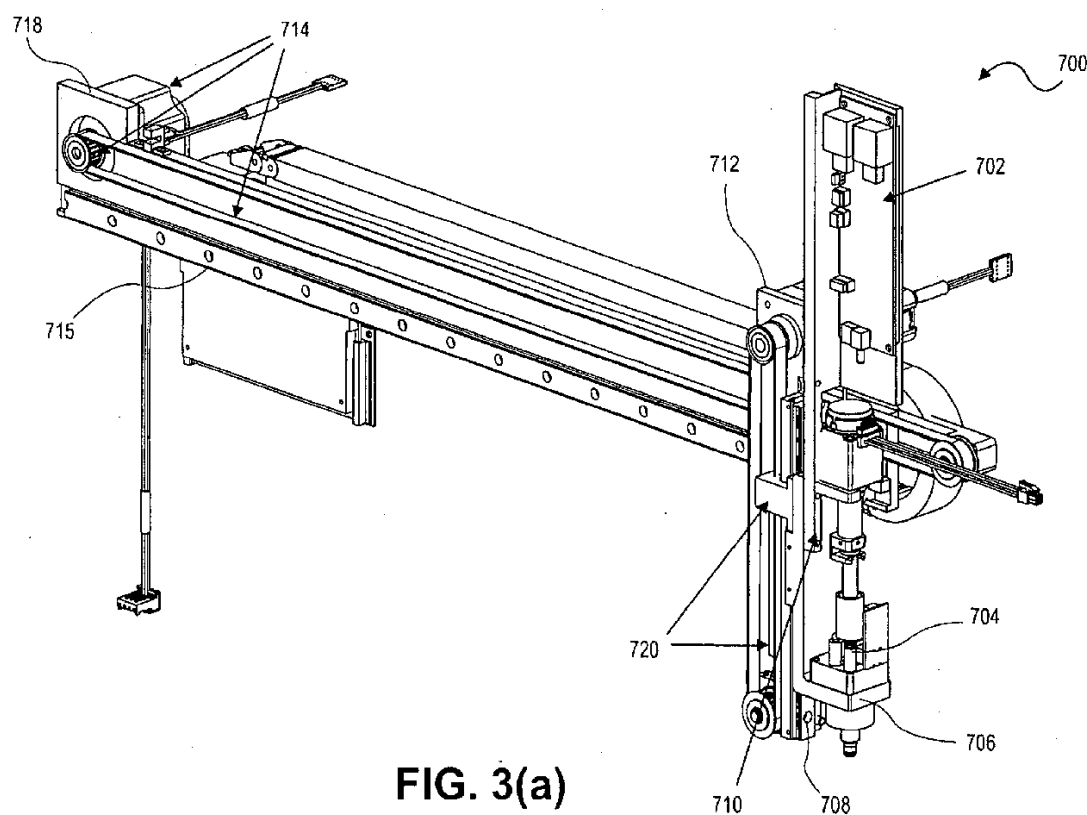
JENAPHARM

Family 70/100 - FAMPAT - ©Questel

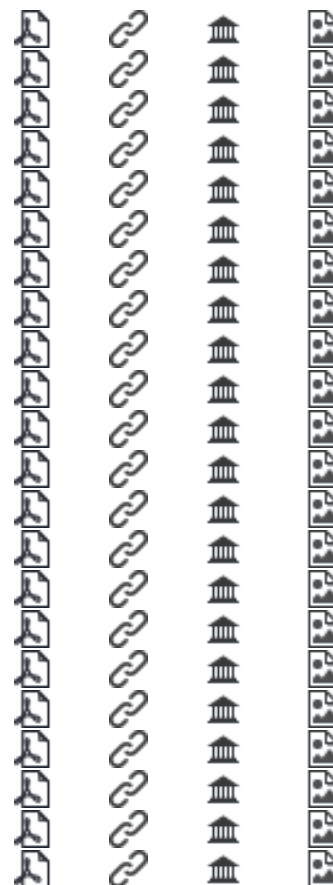
Title

(EP2596135)

System and method including analytical units

Images**FIG. 3(a)****Publication numbers with kind code & date**

BR122013002340	A2	2018-10-09	BR122013002340
EP2754496	A3	2017-08-02	EP2754496
CN103540517	B	2017-05-24	CN103540517B
ES2610468	T3	2017-04-27	ES2610468
CN104345161	B	2017-04-12	CN104345161B
JP2016200604	A	2016-12-01	JP2016200604
EP2743705	B1	2016-10-12	EP2743705
JP6013959	B2	2016-09-30	JP6013959
CN103555558	B	2016-09-28	CN103555558B
CN104345165	B	2016-09-14	CN104345165B
EP2752246	A3	2016-08-31	EP2752246
EP2752247	A3	2016-08-31	EP2752247
EP2752245	A3	2016-08-24	EP2752245
EP2752671	A3	2016-08-24	EP2752671
JP5948271	B2	2016-06-10	JP5948271
BR112013001647	A2	2016-05-24	BR112013001647
JP2016036345	A	2016-03-22	JP2016036345
IN1229/DELNP/2013	A	2016-03-04	IN2013DN01229
IN1230/DELNP/2013	A	2016-03-04	IN2013DN01230
CN103540530	B	2016-02-17	CN103540530B
CN103675303	B	2016-02-03	CN103675303B
CN103551212	B	2016-01-20	CN103551212B



CN103657754	B	2016-01-06	CN103657754B				
CN103589627	B	2015-11-18	CN103589627B				
CN103540518	B	2015-07-08	CN103540518B				
CN103543281	B	2015-04-29	CN103543281B				
CN104345161	A	2015-02-11	CN104345161				
CN104345165	A	2015-02-11	CN104345165				
CN103119451	B	2014-11-26	CN103119451B				
IN0840/DELNP/2013	A	2014-10-31	IN2013DN00840				
EP2752668	A3	2014-10-15	EP2752668				
JP2014193114	A	2014-10-09	JP2014193114				
EP2749356	A3	2014-10-08	EP2749356				
EP2749887	A3	2014-10-01	EP2749887				
EP2746777	A3	2014-08-27	EP2746777				
EP2743705	A3	2014-08-20	EP2743705				
EP2754496	A2	2014-07-16	EP2754496				
EP2752245	A2	2014-07-09	EP2752245				
EP2752246	A2	2014-07-09	EP2752246				
EP2752247	A2	2014-07-09	EP2752247				
EP2752668	A2	2014-07-09	EP2752668				
EP2752670	A2	2014-07-09	EP2752670				
EP2752671	A2	2014-07-09	EP2752671				
EP2749356	A2	2014-07-02	EP2749356				
EP2749887	A2	2014-07-02	EP2749887				
EP2743704	A3	2014-06-25	EP2743704				
EP2746777	A2	2014-06-25	EP2746777				
EP2743704	A2	2014-06-18	EP2743704				
EP2743705	A2	2014-06-18	EP2743705				
CN103725591	A	2014-04-16	CN103725591				
CN103657754	A	2014-03-26	CN103657754				
CN103675303	A	2014-03-26	CN103675303				
CN103589627	A	2014-02-19	CN103589627				
CN103551212	A	2014-02-05	CN103551212				
CN103555558	A	2014-02-05	CN103555558				
CN103555815	A	2014-02-05	CN103555815				
CN103540517	A	2014-01-29	CN103540517				
CN103540518	A	2014-01-29	CN103540518				
CN103540530	A	2014-01-29	CN103540530				
CN103543281	A	2014-01-29	CN103543281				
CN103543282	A	2014-01-29	CN103543282				
BR112013001647	A1	2013-12-31	BR112013001647				
JP2013535193	A	2013-09-12	JP2013535193				
JP2013150623	A	2013-08-08	JP2013150623				
EP2596135	A2	2013-05-29	EP2596135				
CN103119451	A	2013-05-22	CN103119451				
KR20130041255	A	2013-04-24	KR20130041255				
KR20130029127	A	2013-03-21	KR20130029127				
KR20130029128	A	2013-03-21	KR20130029128				
WO2012/012779	A3	2013-01-24	WO201212779				
WO2012/012779	A2	2012-01-26	WO201212779				

Abstract

(EP2596135)

Systems and methods for processing and analyzing samples are disclosed. The system may process samples, such as biological fluids, using assay cartridges which can be processed at different processing locations. In some cases, the system can be used for PCR processing. The different processing locations may include a preparation location where samples can be prepared and an analysis location where samples can be analyzed. To assist with the preparation of samples, the system may also include a number of processing stations which may include processing lanes. During the analysis of samples, in some cases, thermal cycler modules and an appropriate optical detection system can be used to detect the presence or absence of certain nucleic acid sequences in the samples. The system can be used to accurately and rapidly process samples.

Inventors

WILSON BRIAN D

ALARURI SAMI D

ANDERSON DAVID L

DAVIS MATTHEW S

ERICKSON MATTHEW D

GWYNN ROBERT B

JOHNSON ALAN N

KRAIHANZEL CHARLES S

MAURER GARRICK A

ROSEN MICHAEL J

SAUERBURGER MARK F

SCHMIDT DANIEL R

WAGNER REED B

WILTSIE JOSHUA D

STACHELEK THOMAS M

YANG DAVID L

Latest standardized assignees - inventors removed

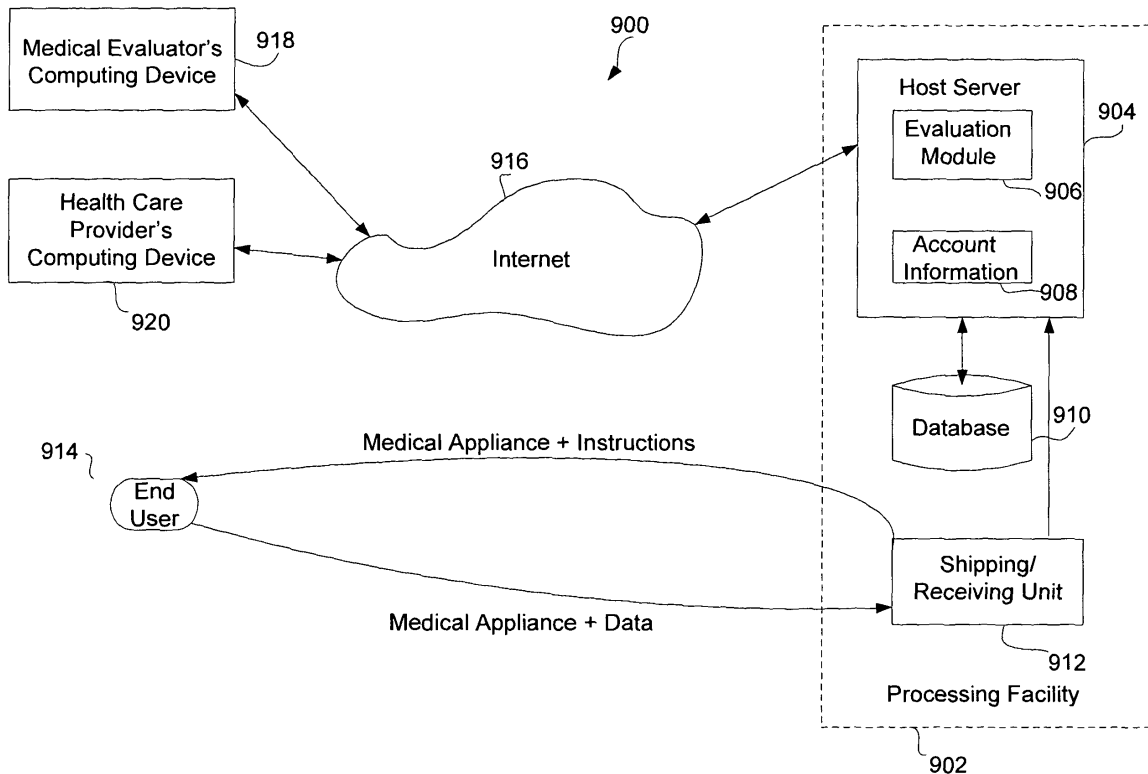
BECKMAN COULTER

Family 71/100 - FAMPAT - ©Questel

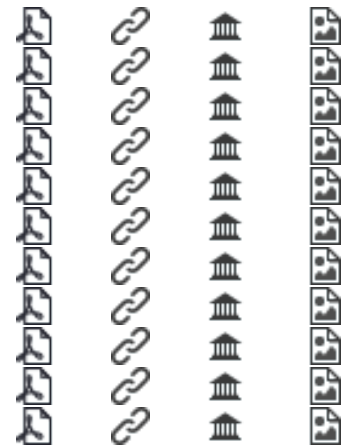
Title

(US20060231109)

Personal and portable bottle

Images**Publication numbers with kind code & date**

US8734341	B2	2014-05-27	US8734341
US20120162404	A1	2012-06-28	US20120162404
US8202217	B2	2012-06-19	US8202217
US8118740	B2	2012-02-21	US8118740
US8112293	B2	2012-02-07	US8112293
US20070225578	A1	2007-09-27	US20070225578
US20070048224	A1	2007-03-01	US20070048224
US20070024465	A1	2007-02-01	US20070024465
US20060248946	A1	2006-11-09	US20060248946
US20060241355	A1	2006-10-26	US20060241355
US20060231109	A1	2006-10-19	US20060231109

**Abstract**

(US20060231109)

A portable bottle having or coupled to one or more electrical components is disclosed. One embodiment includes a personal and portable bottle for a user, with the bottle having a sensor and an electrical component that is for electrically storing a piece of information regarding the user. The bottle carries a substance, and the sensor is for measuring an attribute of the user. The substance can affect the attribute of the user. A number of other embodiments generally pertain to an intelligent bottle or use thereof.

Inventors

HOWELL THOMAS A
 HADIWIDJAJA ANGELINE
 TONG PETER P
 THOMAS C D

Latest standardized assignees - inventors removed

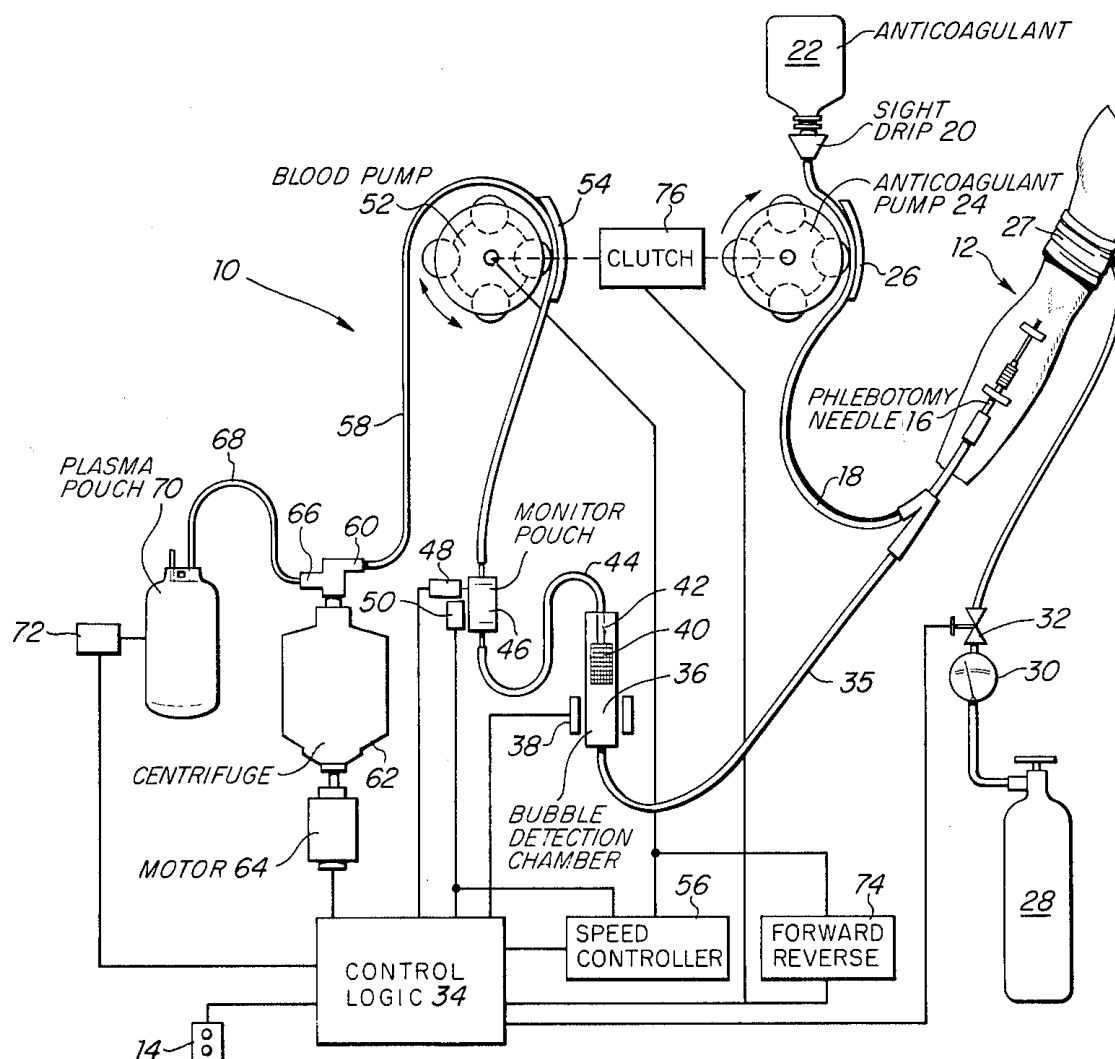
IPVENTURE

Family 72/100 - FAMPAT - ©Questel

Title

(US4086924)

Plasmapheresis apparatus

Images**Publication numbers with kind code & date**

JP1540276	C	1990-01-31	JP1540276
JPH0116505	B2	1989-03-24	JP89016505
IT1091423	B	1985-07-06	IT1091423
SE437331	B	1985-02-25	SE-437331
FR2392663	B1	1984-07-20	FR2392663
CA1074200	A	1980-03-25	CA1074200
GB1541344	A	1979-02-28	GB1541344
FR2392663	A1	1978-12-29	FR2392663
JPS5353194	A	1978-05-15	JP53053194
US4086924	A	1978-05-02	US4086924
DE2745041	A1	1978-04-13	DE2745041
SE7711140	L	1978-04-07	SE7711140

Abstract

(US4086924)

Plasmapheresis apparatus is disclosed which comprises a unique combination of blood withdrawal, separation and return means, together with automatic cycle control means. This apparatus can withdraw whole blood from a donor, separate it into plasma and non-plasma components, and return the non-plasma component to the donor while the donor remains

connected to the apparatus throughout the entire procedure. Standard quantities of separated plasma can be obtained in significantly reduced times, and the possibility of mistakenly returning wrong blood components to the donor is eliminated.

Inventors

LATHAM JR ALLEN

Latest standardized assignees - inventors removed

HAEMONETICS

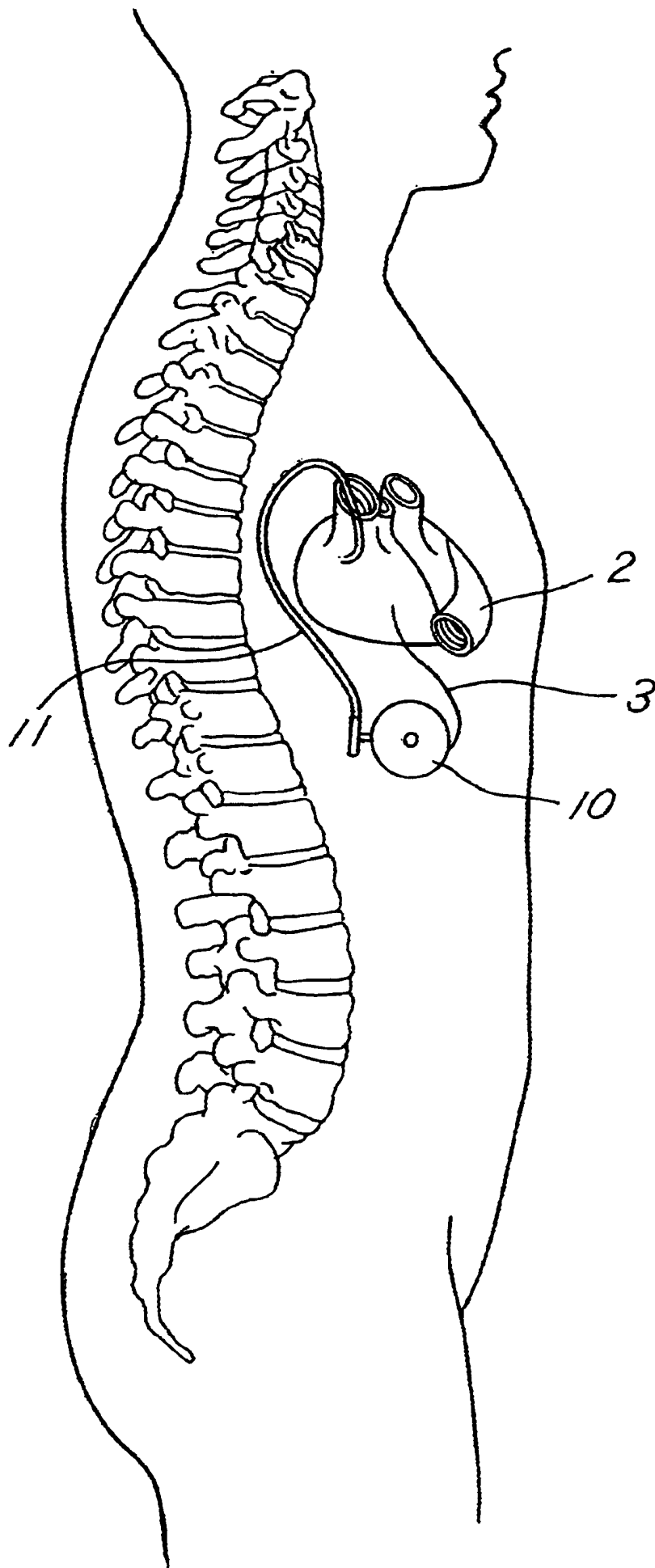
Family 73/100 - FAMPAT - ©Questel

Title

(US6635049)

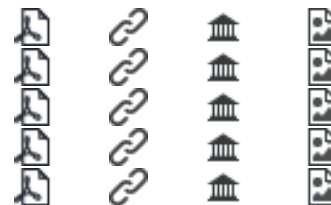
Drug bolus delivery system

Images



Publication numbers with kind code & date

CH694075	A5	2004-07-15	CH-694075
US6635049	B1	2003-10-21	US6635049
FR2792842	B1	2002-12-20	FR2792842
DE10020688	A1	2000-12-21	DE10020688
FR2792842	A1	2000-11-03	FR2792842

**Abstract**

(US6635049)

An bolus delivery system includes an implantable pump, a sensor for sensing an adverse patient condition, such as atrial fibrillation, and a catheter for delivery of a bolus of drug to a target area of a living body. The pump is provided with a bolus metering assembly which includes, in a preferred embodiment, an auxiliary bellows defining a bolus reservoir in addition to the main reservoir of the pump. The auxiliary bellows is selectively placed in fluid communication with the pressurized main supply of drug via an inlet valve to refill the bolus reservoir. An outlet valve is provided to permit egress of the bolus to the catheter from the bolus reservoir. A drive train including a stepper motor and a face cam selectively opens and closes the inlet and outlet valves to effect accumulation or metering and delivery of the bolus. The auxiliary bellows is preferably provided as a collapsible element resiliently biased to an expanded position and is collapsed under pressure in the main reservoir to expel the bolus.

Inventors

ROBINSON REGINALD D

LENT MARK

CHRISTIANSEN CHRIS C

Latest standardized assignees - inventors removed

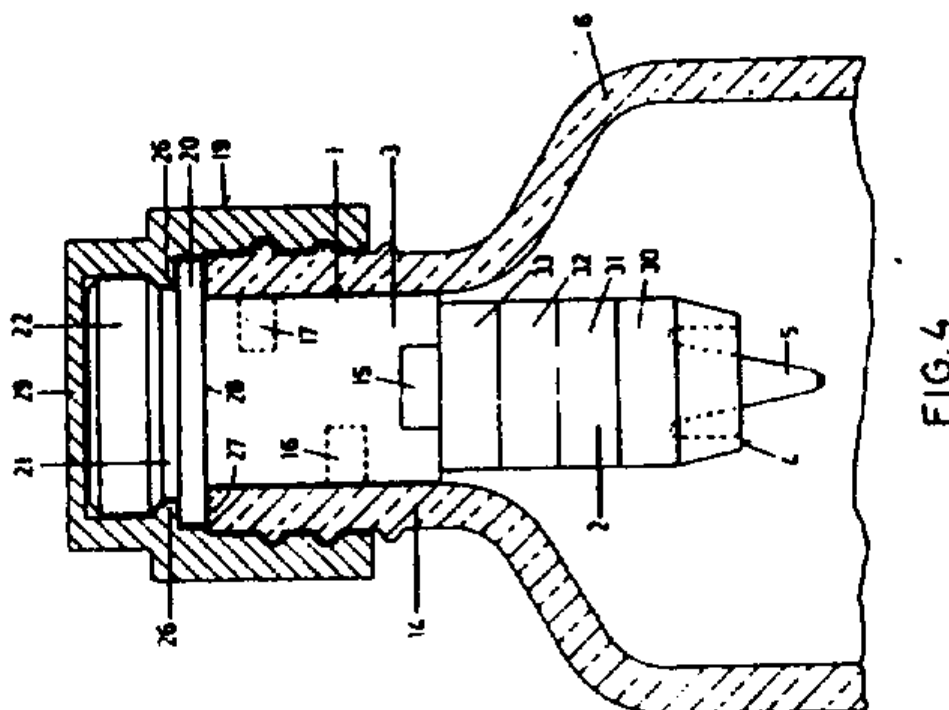
MEDTRONIC

Family 74/100 - FAMPAT - ©Questel

Title

(DE3619478)

Metering device for liquids in containers, in particular in bottles or the like

Images**Publication numbers with kind code & date**[DE3619478](#)

A1 1987-12-17

DE3619478

**Abstract**

(DE3619478)

In a metering device for the metered removal of a liquid contained in a container, in particular in a bottle such as a medicine bottle or the like, an insert part (1) is provided, which projects into the interior of the container (6) and has a hollow metering space (2). Arranged at the free end of the insert part (1) is a closure device, by means of which a metered delivery of the liquid introduced through openings (15, 16, 17) into the hollow metering space (2) is made possible, this hollow metering space (2), in particular, being subdivided by peripheral markings on its wall into a number of partial metering volumes (30-33). The closure device preferably consists of a control moulding (5) which is connected in a flexible manner to the wall of the hollow metering space (2), at least one separation being provided in the region of the connection between the wall of the hollow metering space (2) and the control moulding (5). This metering device can function separately, i.e. without a closure cap of a container, and in conjunction with a closure cap (19) and, above all, it allows a very precise liquid metering in a simple manner. <IMAGE>

Inventors

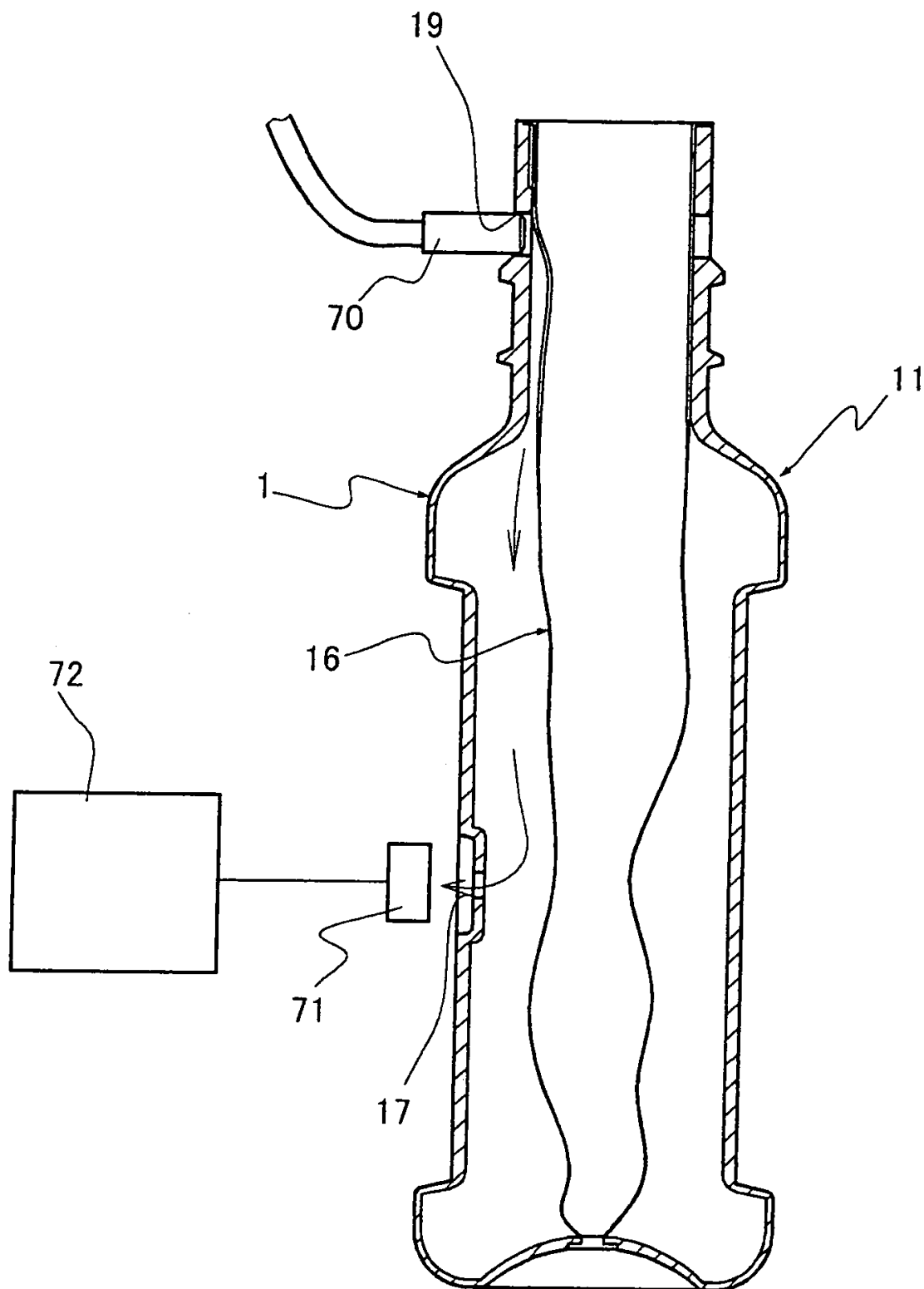
HEINLEIN HANS

Family 75/100 - FAMPAT - ©Questel

Title

(EP1593605)

Laminated releasable bottle and method of producing the same

Images**Publication numbers with kind code & date**[EP1985543](#)

B1 2013-04-10

EP1985543

[EP1985543](#)

A3 2012-07-18

EP1985543

[US8118183](#)

B2 2012-02-21

US8118183



US8118183	B2	2012-02-21	US8118183				
US7867434	B2	2011-01-11	US7867434				
DE602004023694	D1	2009-12-03	DE602004023694				
EP1593605	B1	2009-10-21	EP1593605				
JP4357183	B2	2009-08-14	JP4357183				
US20090174102	A1	2009-07-09	US20090174102				
EP1985543	A2	2008-10-29	EP1985543				
EP1593605	A4	2008-01-23	EP1593605				
US20060054635	A1	2006-03-16	US20060054635				
EP1593605	A1	2005-11-09	EP1593605				
WO2004/071887	A8	2005-08-04	WO200471887				
JP2004262470	A	2004-09-24	JP2004262470				
WO2004/071887	A1	2004-08-26	WO200471887				

Abstract

(EP1593605)

A particularly small eyedropper or the like is provided, which has a construction such that, when a body thereof is squeezed, an introduction hole thereof can be easily closed to compress air in a space between an inner layer and an outer layer thereof even in the absence of a check valve in the introduction hole, and defectiveness of the introduction hole can be easily checked. To this end, a test hole (19) communicating with an introduction hole (17) via a space between an outer layer bottle (1) and an inner layer bag (16) is provided in an outer layer mouth portion (4). The test hole (19) is closed by the inner layer bag (16) and an inside plug (21) fitted in the mouth portion (4). Further, the introduction hole (17) is provided in a middle portion of a body which is pressed by a finger when the bottle is squeezed. The introduction hole (17) is closed by the finger. <IMAGE>

Inventors

HAMAMOTO KEIJI
 MIHASHI HIROKAZU
 IWAHASHI KAZUYA
 UETAKE YORIHISA
 OTSUKA MASARU
 MATSUURA KENJI

Latest standardized assignees - inventors removed

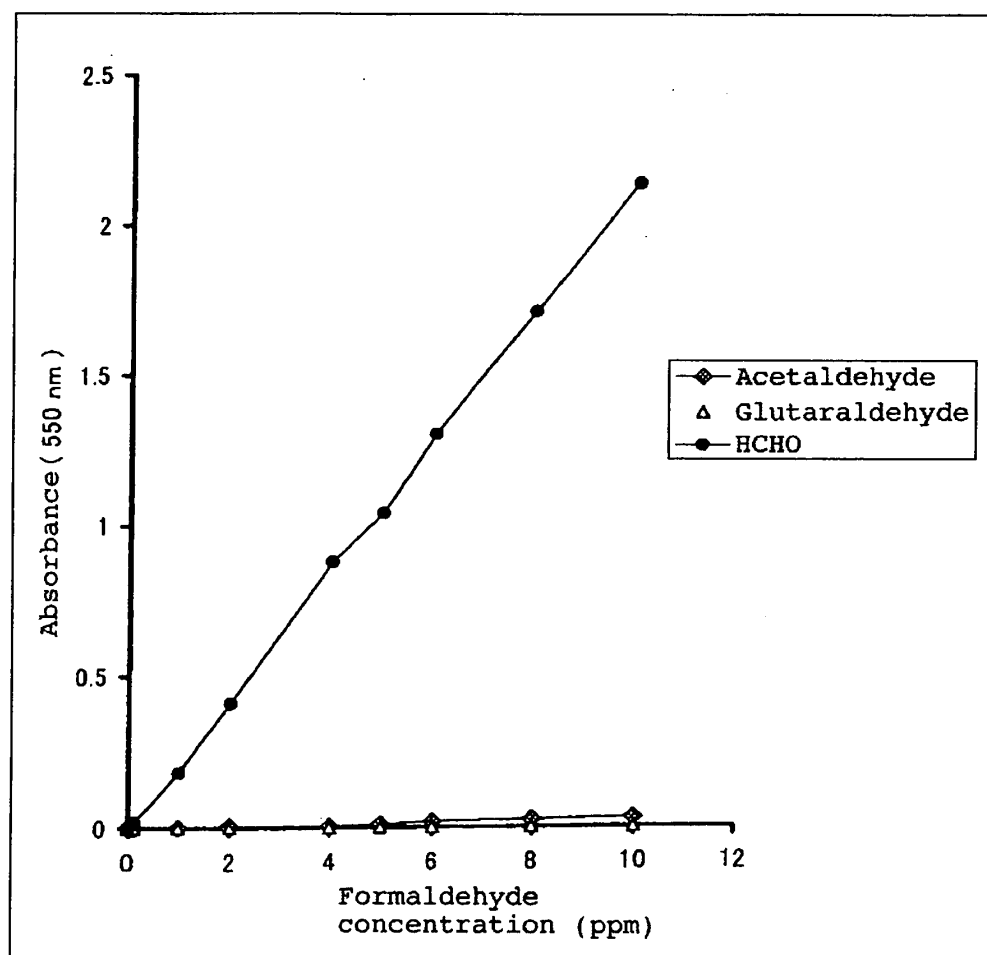
TAISEI KAKO
 NIHON TENGANYAKU KENKYUSYO

Family 76/100 - FAMPAT - ©Questel

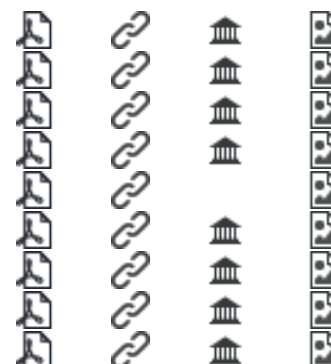
Title

(EP1500930)

Method of measuring formaldehyde concentration of gas and measuring instrument

Images**Fig. 1****Publication numbers with kind code & date**

EP1500930	A4	2009-05-20	EP1500930
JP3889989	B2	2006-12-08	JP3889989
US20060018793	A1	2006-01-26	US20060018793
EP1500930	A1	2005-01-26	EP1500930
KR20040104579	A	2004-12-10	KR20040104579
AU2003227215	A1	2003-11-10	AU2003227215
CA2487741	A1	2003-11-06	CA2487741
WO03/91724	A1	2003-11-06	WO200391724
JP2003247989	A	2003-09-05	JP2003247989

**Abstract**

(EP1500930)

A method of speedily measuring the formaldehyde concentration of test gas with high sensitivity without suffering influences of coexisting gases; and a measuring instrument therefor. In particular, a method of measuring the formaldehyde concentration characterized in that a test gas is brought into contact with a filter wetted with a color forming agent

consisting of an alkali aqueous solution of 4-amino-3-hydrazino-5-mercapto-1,2,4-triazole (AHMT) so as to induce color formation, and that the formaldehyde concentration of test gas is determined on the basis of the degree of color formation; and a measuring instrument including a light emitting element (LED), a light receiving element (PIN type photodiode) and a display arranged so as to optically measure the degree of color formation. <IMAGE>

Inventors

HASHIBA TOMOHIKO

KAWAMURA KOJI

Latest standardized assignees - inventors removed

BIO MEDIA

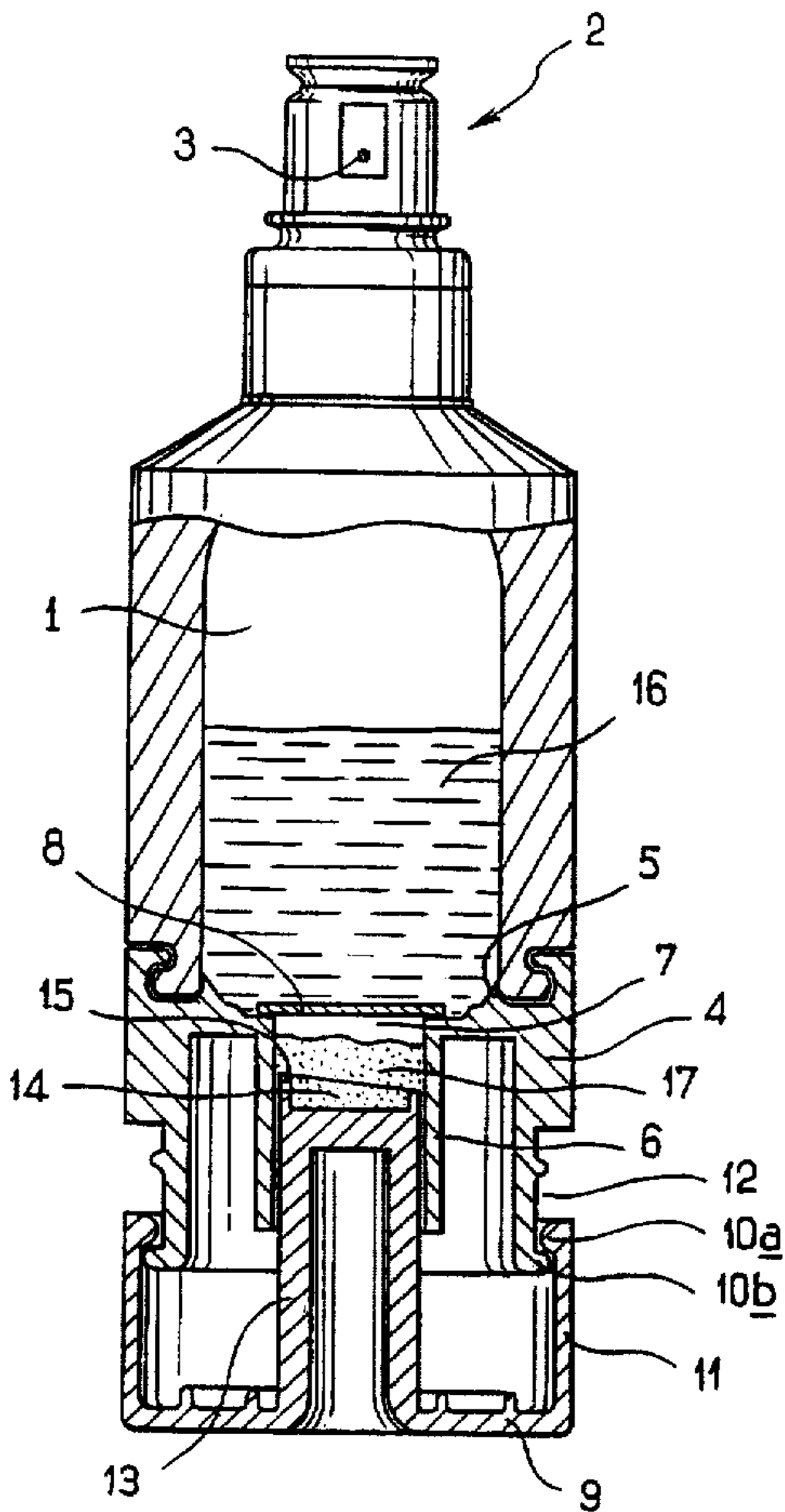
Family 77/100 - FAMPAT - ©Questel

Title

(EP-694483)

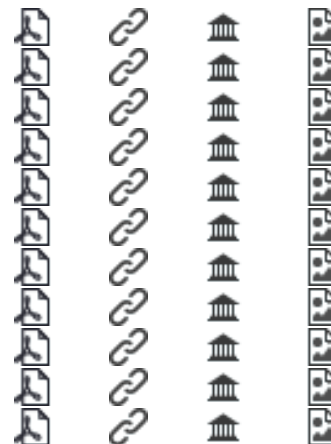
Container for the storage of at least two products, and for the mixture and distribution of these products

Images



Publication numbers with kind code & date

DE69504784	T2	1999-05-06	DE69504784
ES2124980	T3	1999-02-16	ES2124980
DE69504784	D1	1998-10-22	DE69504784
EP0694483	B1	1998-09-16	EP-694483
US5692644	A	1997-12-02	US5692644
FR2722765	B1	1996-08-23	FR2722765
BR9503423	A	1996-07-16	BR9503423
EP0694483	A1	1996-01-31	EP-694483
CA2154522	A1	1996-01-26	CA2154522
FR2722765	A1	1996-01-26	FR2722765
BRPI9503423	A1	1995-09-12	BR9503423

**Abstract**

(EP0694483)

The container has a first reservoir (1), containing a liquid product (16), having a distribution orifice (3). A second cylindrical reservoir (7) containing a powder product has a bottom (14) and an opening fixed to the first reservoir. A removable wall (8) seals the opening in the second reservoir. A movable cylindrical piece (9,13) has an external section close to that of the second reservoir interior section. This piece has a limited travel between a first position, in which it is situated beyond the first reservoir, and a second position, in which it penetrates into the first reservoir. The transverse wall of the movable piece (13) constitutes the bottom of the second reservoir and is located, in its first position, at a distance from the opening of the second reservoir equal to or less than its travel. <IMAGE>

Inventors

GUERET JEAN-LOUIS

Latest standardized assignees - inventors removed

L'OREAL

Family 78/100 - FAMPAT - ©Questel

Title

(EP-373016)

Dispensing device for liquids.

Images

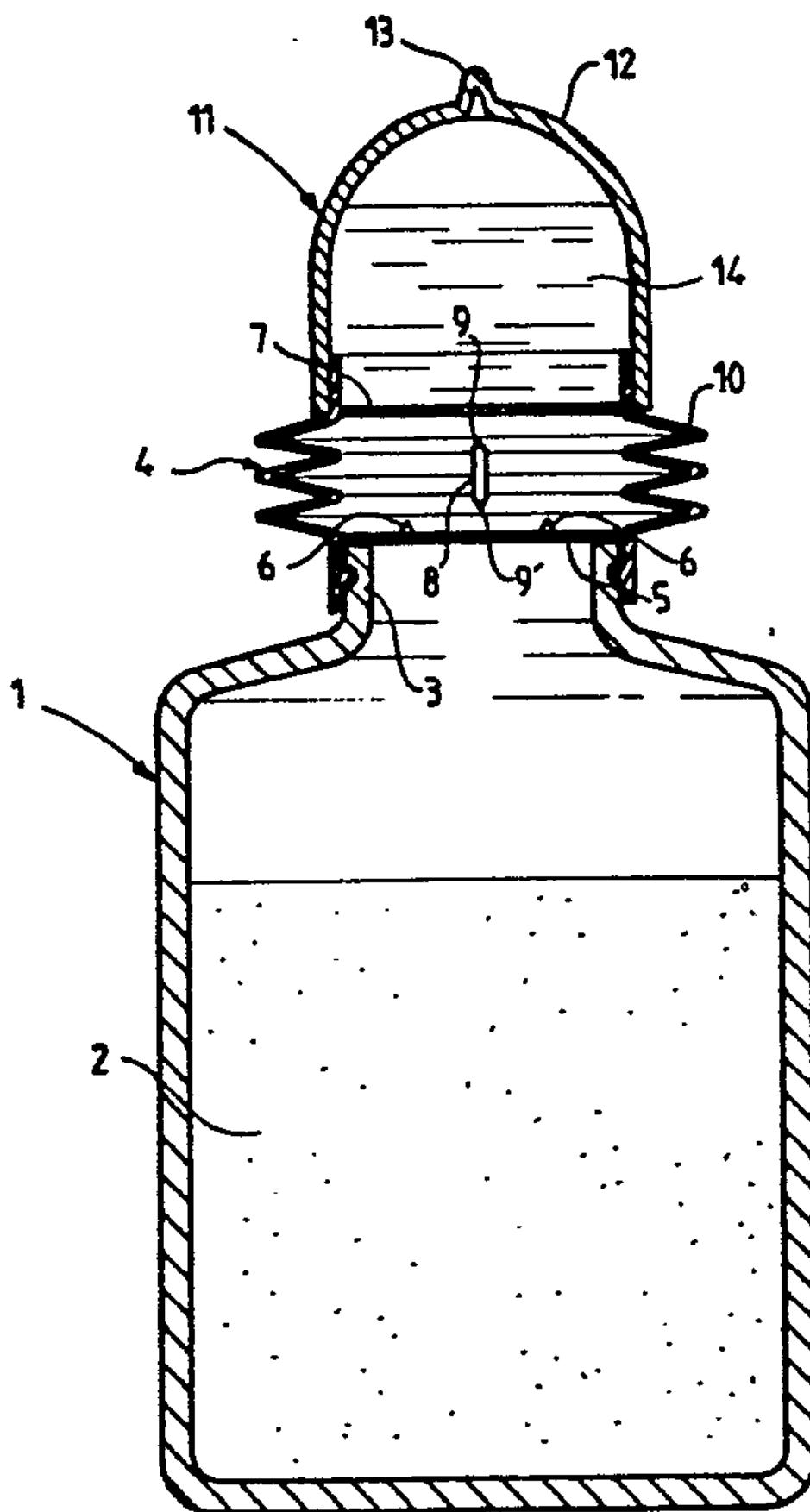


FIG. 1

Publication numbers with kind code & date

US5071034	A	1991-12-10	US5071034
FR2639914	B1	1991-03-22	FR2639914
EP0373016	A1	1990-06-13	EP-373016
FR2639914	A1	1990-06-08	FR2639914

**Abstract**

(EP0373016)

The invention relates to the field of mechanics, and more precisely to the field of packaging. ... The invention relates, in particular, to a stopper and distribution device formed from three pieces, characterised in that it comprises a container (1) containing a solid or liquid product (2), a flexible intermediate part permanently fixed onto the neck of the container and formed from concentric rings joined together, inside which rings are arranged two leaktight diaphragms (5, 7) interconnected by a perforation means (8) arranged vertically, perpendicular to the plane of the two diaphragms, and an upper part (12) of cylindrical-spherical shape terminating in an elongated nozzle closed at its end. ... The upper part contains a solvent liquid (14) which is intended to come into contact with the liquid or solid product contained in the container after compression of the flexible intermediate part and perforation of the two diaphragms. ... The solution or suspension formed is dispensed through the upper nozzle after the end has been cut off and the device turned upside down. ... The device according to the invention can be used in the pharmaceutical industry for making and dispensing sterile preparations such as ophthalmic auricular and nasal preparations. ...<IMAGE>...

Inventors

CORBIERE JEROME

Latest standardized assignees - inventors removed

CORBIERE JÉRÔME

Family 79/100 - FAMPAT - ©Questel

Title

(FR1405654)

Dispensers or applicators for devices bottles, tubes and similar containers

Publication numbers with kind code & date

[FR1405654](#) A 1965-07-09 FR1405654

**Latest standardized assignees - inventors removed**

RECKITT BENCKISER

Family 80/100 - FAMPAT - ©Questel

Title

(EP2691100)

Intranasal benzodiazepine pharmaceutical compositions

Images

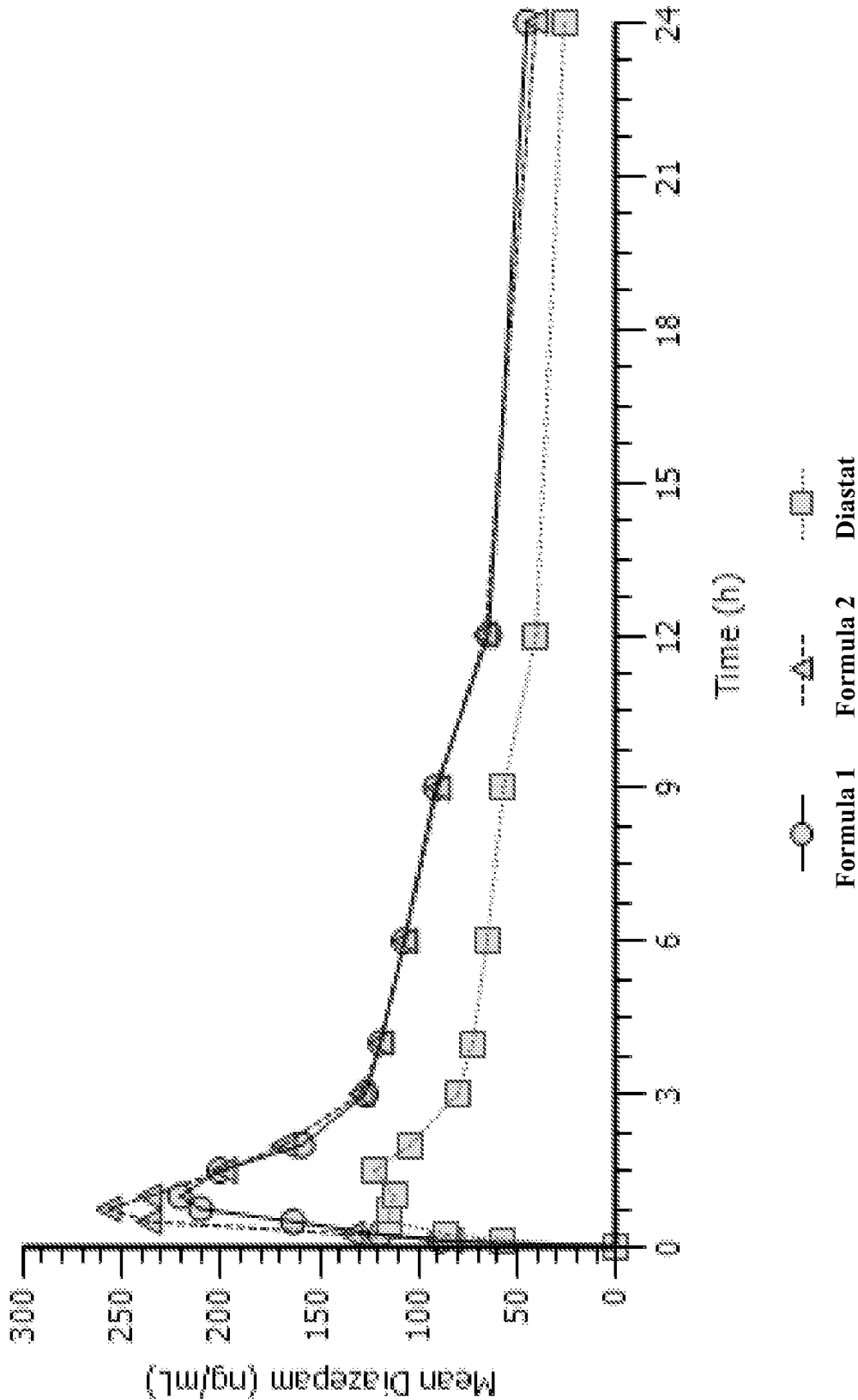


FIGURE 1

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IN8042/CHENP/2013	A	2015-01-09	IN2013CN08042				
EP2691100	A4	2014-09-24	EP2691100				
VN38648	A	2014-08-25	VN--38648				
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WO2012/135619	A3	2012-11-22	WO2012135619				
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US20120252793	A1	2012-10-04	US20120252793				
WO2012/135619	A2	2012-10-04	WO2012135619				

Abstract

(EP2691100)

The present invention generally relates to intranasal pharmaceutical compositions comprising a benzodiazepine and methods of use thereof that can provide a therapeutic effect without a decrease in blood pressure and/or pulse after administration of the pharmaceutical composition.

Inventors

BREAM GARY

KHAYRALLAH MOISE A

BAEK MYOUNG-KI

JO JAE-HOON

CHANG HYE-JIN

Latest standardized assignees - inventors removed

ACORDA THERAPEUTICS

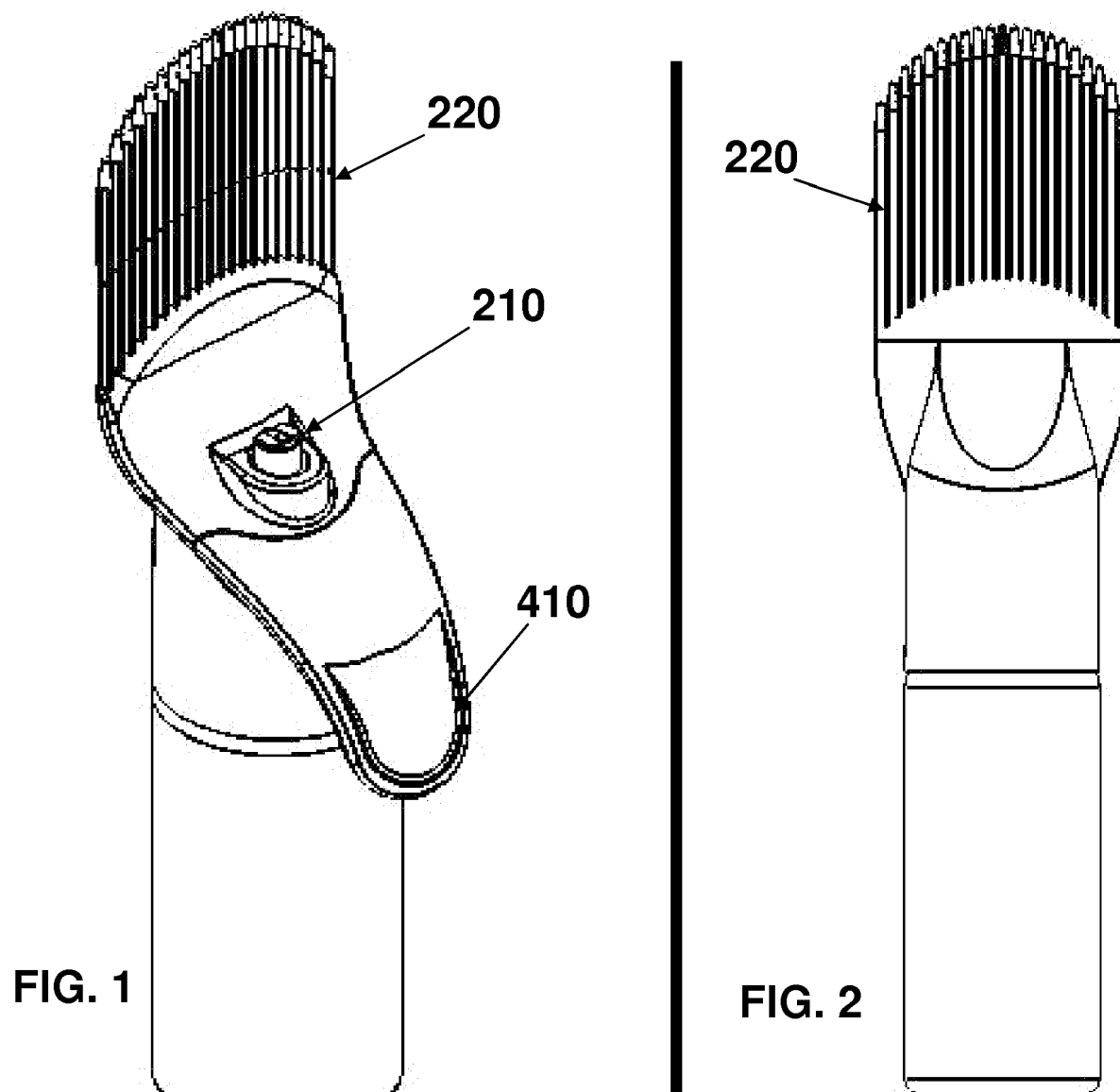
SK BIOPHARMACEUTICALS

Family 81/100 - FAMPAT - ©Questel

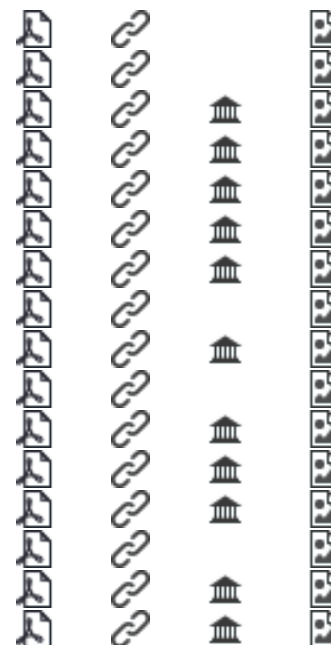
Title

(EP2584931)

Device, kit and method for coloring hair

Images**Publication numbers with kind code & date**

MX356676	B	2018-06-08	MX-356676
KR101777165	B1	2017-09-11	KR101777165
ES2631982	T3	2017-09-07	ES2631982
EP2584931	B8	2017-06-28	EP2584931
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HK1184030	A1	2016-04-29	HK1184030
CN103068274	B	2015-08-26	CN103068274B
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WO2011/161647	A3	2012-04-12	WO2011161647				
WO2011/161647	A2	2011-12-29	WO2011161647				

Abstract

(EP2584931)

A hair-penetrating shield 220 comprises a tooth array having top 280 and bottom 290 surfaces. In some embodiments, for a majority of the teeth, a cross section of each tooth (for example, triangular in shape) has an asymmetric width profile such that the tooth cross section, on average, is narrower near the top of the tooth and wider near the bottom of the tooth. In some embodiments, a ratio between: i) a first average tooth width describing the average tooth width below the top-bottom midpoint; and ii) a second average tooth width describing the average tooth width above the top-bottom midpoint is at least 1.2, or at least 1.6. In some embodiments, a non- viscous hair-coloring agent is dispensed as a mist over the top of the surface of the shield so as to color roots of hair passing through the spaces between the teeth of the user's hair. In some embodiments, closely-spaced teeth of the hair penetrating shield protect the user's scalp from the non-viscous hair-coloring agent. Related methods and kits are disclosed herein.

Inventors

MERCIER MICHEL

Latest standardized assignees - inventors removed

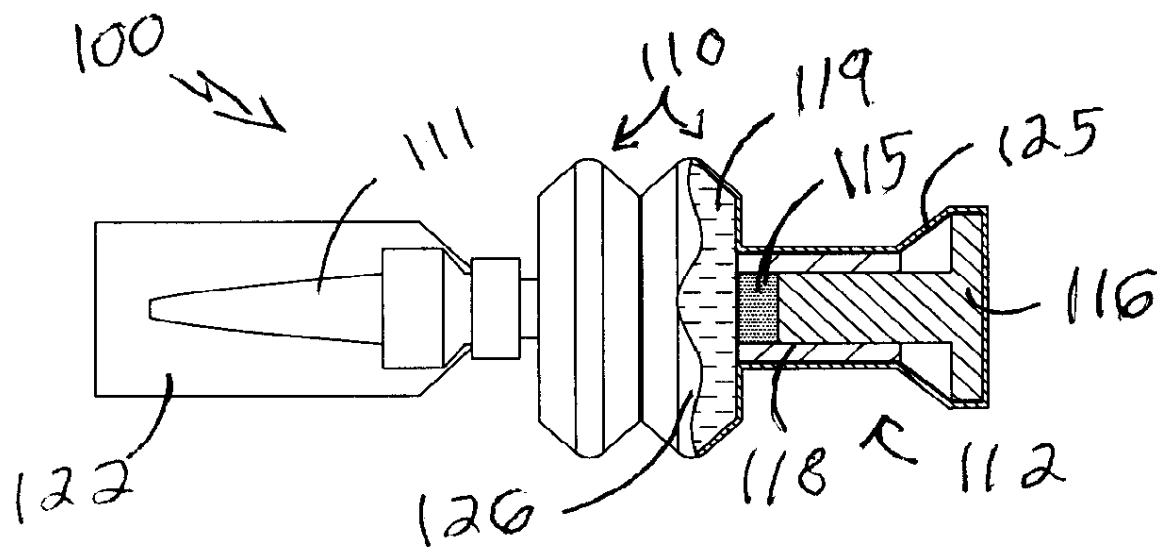
KAMPALOOK

Family 82/100 - FAMPAT - ©Questel

Title

(US20180072480)

Packaged products, inserts and compartments for aseptic mixing of substances, along with methods for use therewith

Images**Publication numbers with kind code & date**[US20180072480](#)

A1 2018-03-15

US20180072480

**Abstract**

(US20180072480)

A package comprising a container for holding a first substance, and a product insert for holding a second substance, at least partially inserted into said container, and where the first product and the second product can be allowed to merge by external manipulation of said package. Packaged products and methods are also provided.

Inventors

GENOSAR AMIR

Latest standardized assignees - inventors removed

AKTIVAX

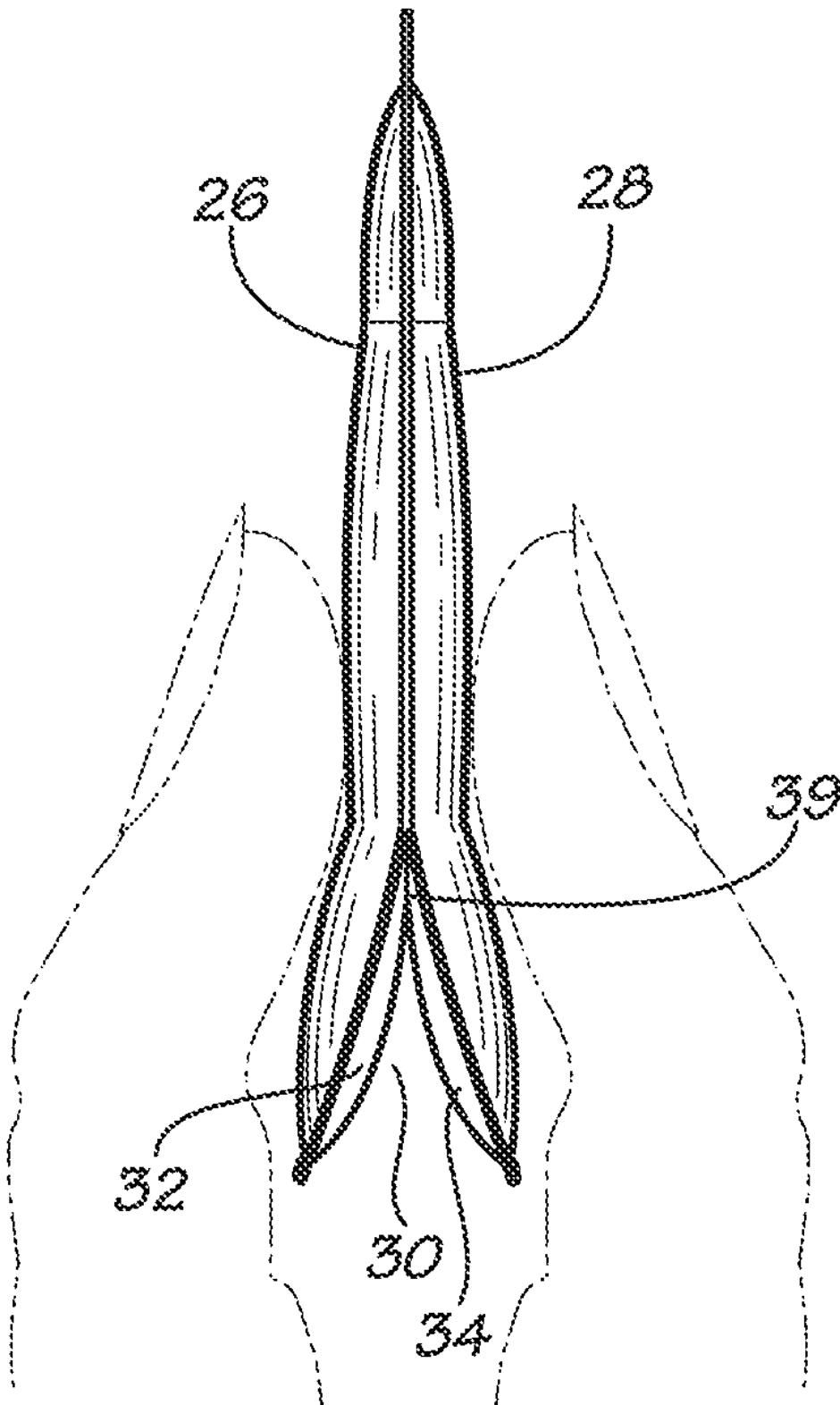
Family 83/100 - FAMPAT - ©Questel

Title

(US20150003758)

Pouch package with gusset base

Images



Publication numbers with kind code & date[US20150003758](#)

A1

2015-01-01

US20150003758

**Abstract**

(US20150003758)

A pouch product assembled from a sheet that is folded to close a first end of the pouch product and opposed first and second sheet panels of the sheet bond at first marginal portions to aligned marginal portions of gusset panels to define legs and bond together at second marginal portions to define a body with a cavity for holding **fluid**, and a second end closes by bonding opposing second end marginal portions. A tear-open fold line and slit provide an opening for dispensing fluidal contents.

Inventors

WARRINGTON MARK

CASTELLANI CYNTHIA

CROFT ROBERT

SHORT MARTIN

Latest standardized assignees - inventors removed

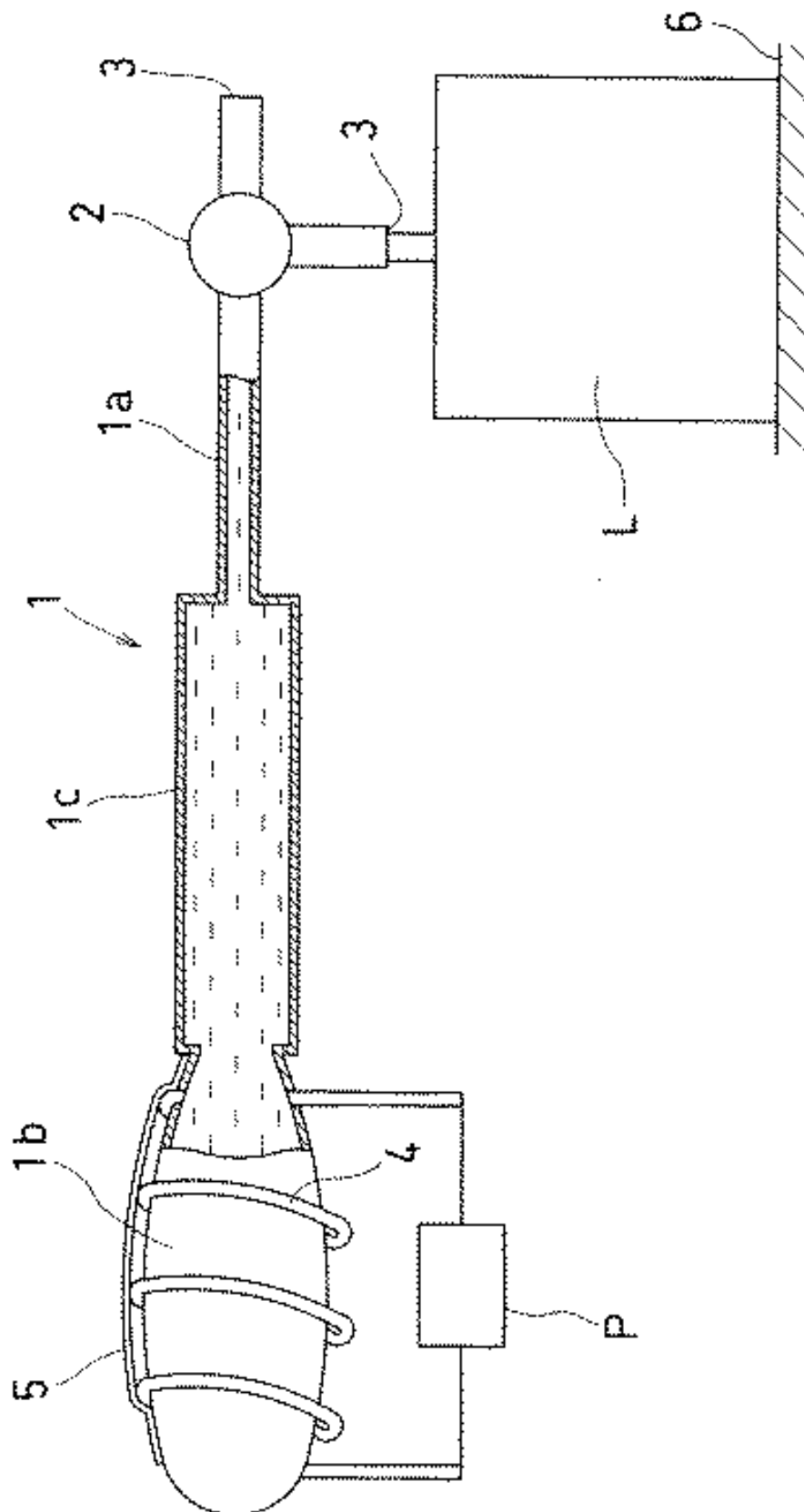
MEDTECH PRODUCTS

Family 84/100 - FAMPAT - ©Questel

Title

(JP2004257274)

Liquid pump

Images**Publication numbers with kind code & date**[JP4243731](#)

B2 2009-01-16

[JP4243731](#)[JP2004257274](#)

A 2004-09-16

[JP2004257274](#)

Abstract

(JP2004257274)

PROBLEM TO BE SOLVED: To provide a liquid pump with a very simple mechanism, which is capable of enhancing cost performance by reducing the number of parts required for manufacturing, making smaller in size, and controlling a pump flow easily without generating noises during operation.

SOLUTION: An inlet/outlet 3 is provided in the tip of a thin tubular inflow/outflow passage 1a, and liquid is kept in a pressurized container 1 in which a volumetric capacity is varied at least partially by an external force. The capacity is varied by an operation body 4 formed of a shape memory alloy with reversible shape memory effect that is repeatedly expanded/contracted by being heated/cooled.

COPYRIGHT: (C)2004,JPO&NCIPI

Inventors

KEMUKO:KK

At the end of Tang Isao Makoto

Latest standardized assignees - inventors removed

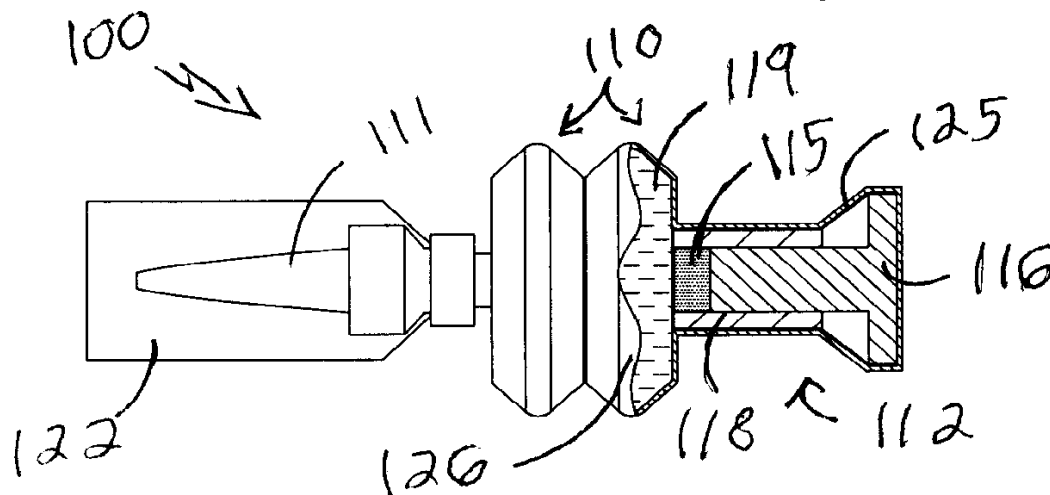
KEMUKO

Family 85/100 - FAMPAT - ©Questel

Title

(US20150136622)

Packaged products, inserts and compartments for aseptic mixing of substances, along with methods for use therewith

Images

(Pre-use)

Publication numbers with kind code & date[US20150136622](#)

A1 2015-05-21

US20150136622

**Abstract**

(US20150136622)

A package comprising a container for holding a first substance, and a product insert for holding a second substance, at least partially inserted into said container, and where the first product and the second product can be allowed to merge by external manipulation of said package. Packaged products and methods are also provided.

Inventors

GENOSAR AMIR

Latest standardized assignees - inventors removed

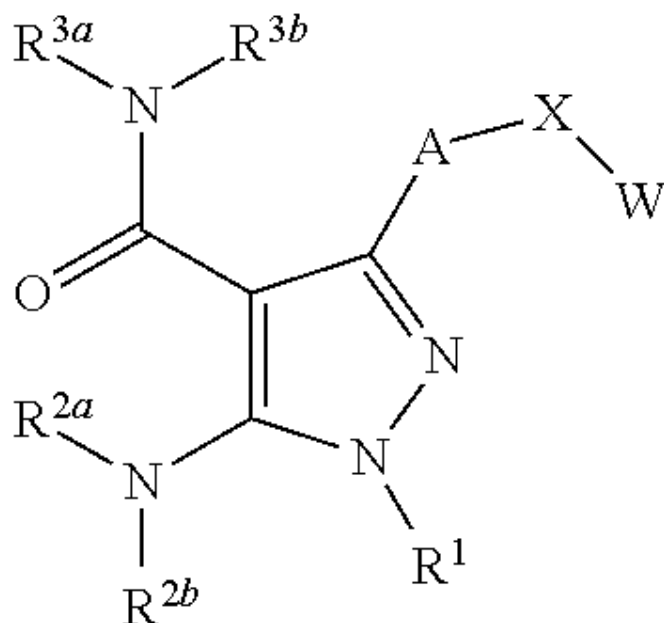
AKTIVAX

Family 86/100 - FAMPAT - ©Questel

Title

(EP2914586)

Bruton's tyrosine kinase inhibitors

Images

(I)

Publication numbers with kind code & date

MA38056	B1	2018-08-31	MA--38056
MA38056	A1	2018-01-31	MA--38056
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JP2015535277	A	2015-12-10	JP2015535277
CU20150043	A7	2015-11-27	CU20150043
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MD20150035	A2	2015-10-31	MD201500035
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TW201431851	A	2014-08-16	TW201431851				
CA2888960	A1	2014-05-08	CA2888960				
WO2014/068527	A1	2014-05-08	WO201468527				

Abstract

(EP2914586)

Disclosed herein are compounds that form covalent bonds with Bruton's tyrosine kinase (BTK). Methods for the preparation of the compounds are disclosed. Also disclosed are pharmaceutical compositions that include the compounds. Methods of using the BTK inhibitors are disclosed, alone or in combination with other therapeutic agents, for the treatment of autoimmune diseases or conditions, heteroimmune diseases or conditions, cancer, including lymphoma, and inflammatory diseases or conditions. (Formula I)

Inventors

SPRINGER JOHN ROBERT

DEVADAS BALEKUDRU

GARLAND DANNY JAMES

GRAPPERHAUS MARGARET LANAHAN

HAN SEUNGIL

HOCKERMAN SUSAN LANDIS

HUGHES ROBERT OWEN

SAIAH EDDINE

SCHNUTE MARK EDWARD

SELNESS SHAUN RAJ

WALKER DANIEL PATRICK

WAN ZHAO-KUI

XING LI

ZAPF CHRISTOPH WOLFGANG

SCHMIDT MICHELLE ANN

Latest standardized assignees - inventors removed

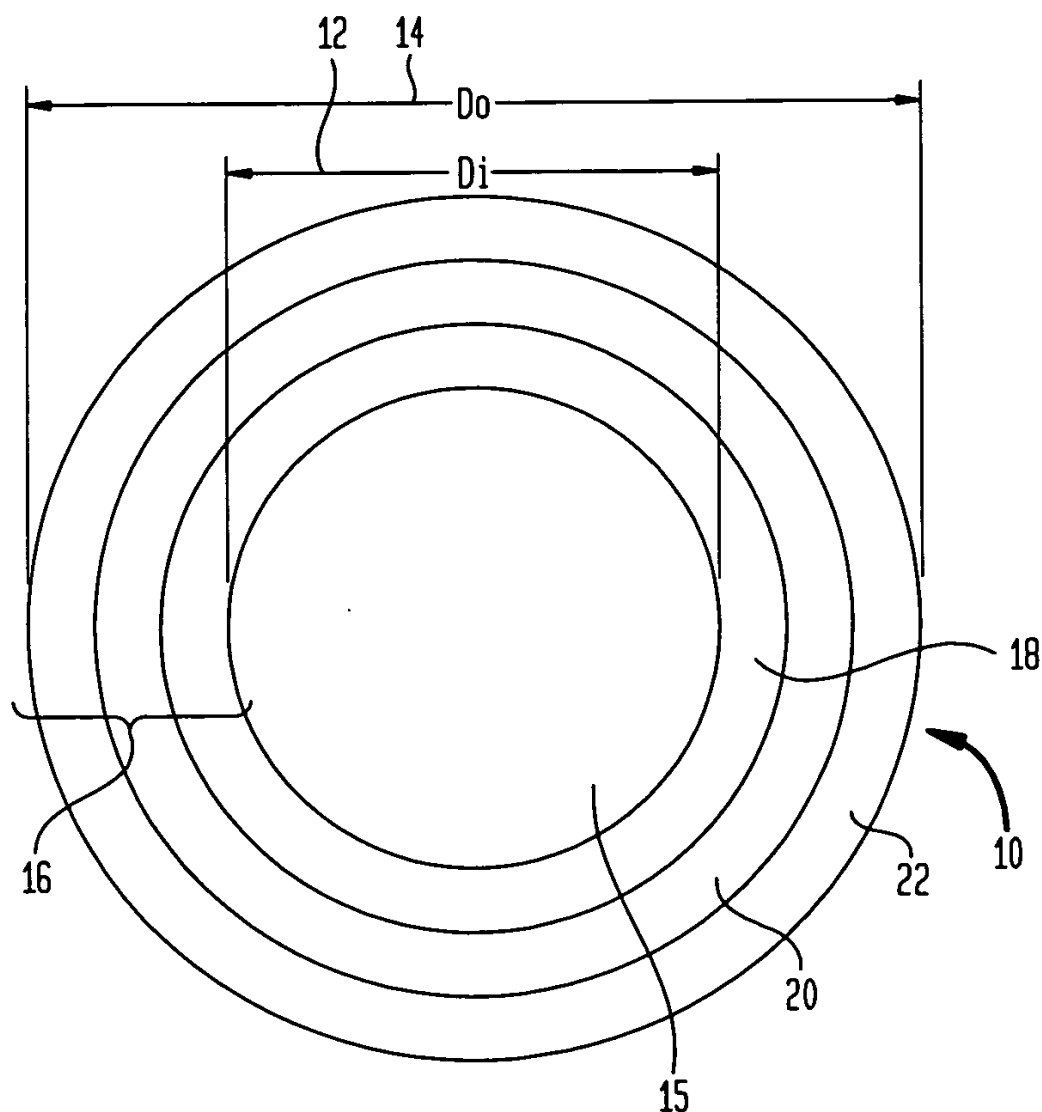
PFIZER

Family 87/100 - FAMPAT - ©Questel

Title

(US20120003410)

Partially crystalline cycloolefin elastomer medical tubing

Images**Publication numbers with kind code & date**[US20120021151](#)

A1

2012-01-26

US20120021151

[US20120003410](#)

A1

2012-01-05

US20120003410

**Abstract**

(US20120003410)

Medical tubing made with a partially crystalline, cycloolefin elastomer of norbornene and ethylene typically having at least one glass transition temperature (T_g) in the range of from -10°C . to 15°C . and a crystalline melting temperature in the range of from 60°C . to 125°C . and a % crystallinity by weight in the range of from 5% to 40%.

Inventors

TATARKA PAUL D

Latest standardized assignees - inventors removed

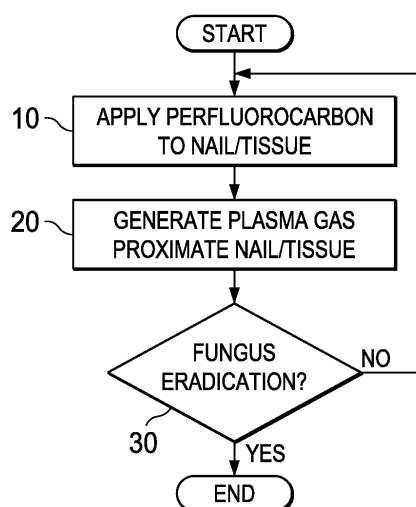
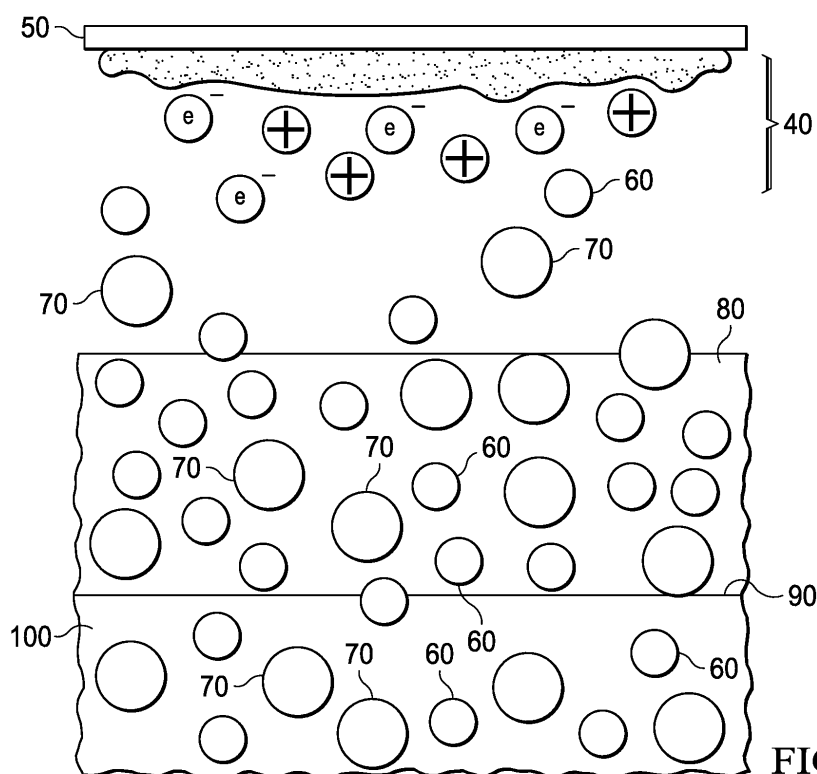
TOPAS ADVANCED POLYMERS

Family 88/100 - FAMPAT - ©Questel

Title

(EP3229900)

Onychomycosis treatment apparatus and method

Images**FIG. 1****FIG. 2****Publication numbers with kind code & date**

US10493263	B2	2019-12-03	US10493263
EP3229900	A4	2018-11-14	EP3229900
WO2018/175327	A1	2018-09-27	WO2018175327
US10039723	B2	2018-08-07	US10039723
US10039782	B2	2018-08-07	US10039782
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US20180000937	A1	2018-01-04	US20180000937



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US20160166607	A1	2016-06-16	US20160166607				
WO2016/094497	A1	2016-06-16	WO201694497				

Abstract

(EP3229900)

A system and method includes delivery of a redox gas solution to treat onychomycosis, wherein the redox gas solution comprises a reactive species dissolved in a perfluorocarbon liquid, and wherein the reactive species may include, alone or in combination, one or more of reactive oxygen, reactive nitrogen, reactive chlorine, or reactive bromine species, and the perfluorocarbon liquid may include perfluorodecalin.

Inventors

ROE JEFFREY N

GRAMMER TIMOTHY C

O'NEILL MICHAEL P

Latest standardized assignees - inventors removed

DEVICEFARM

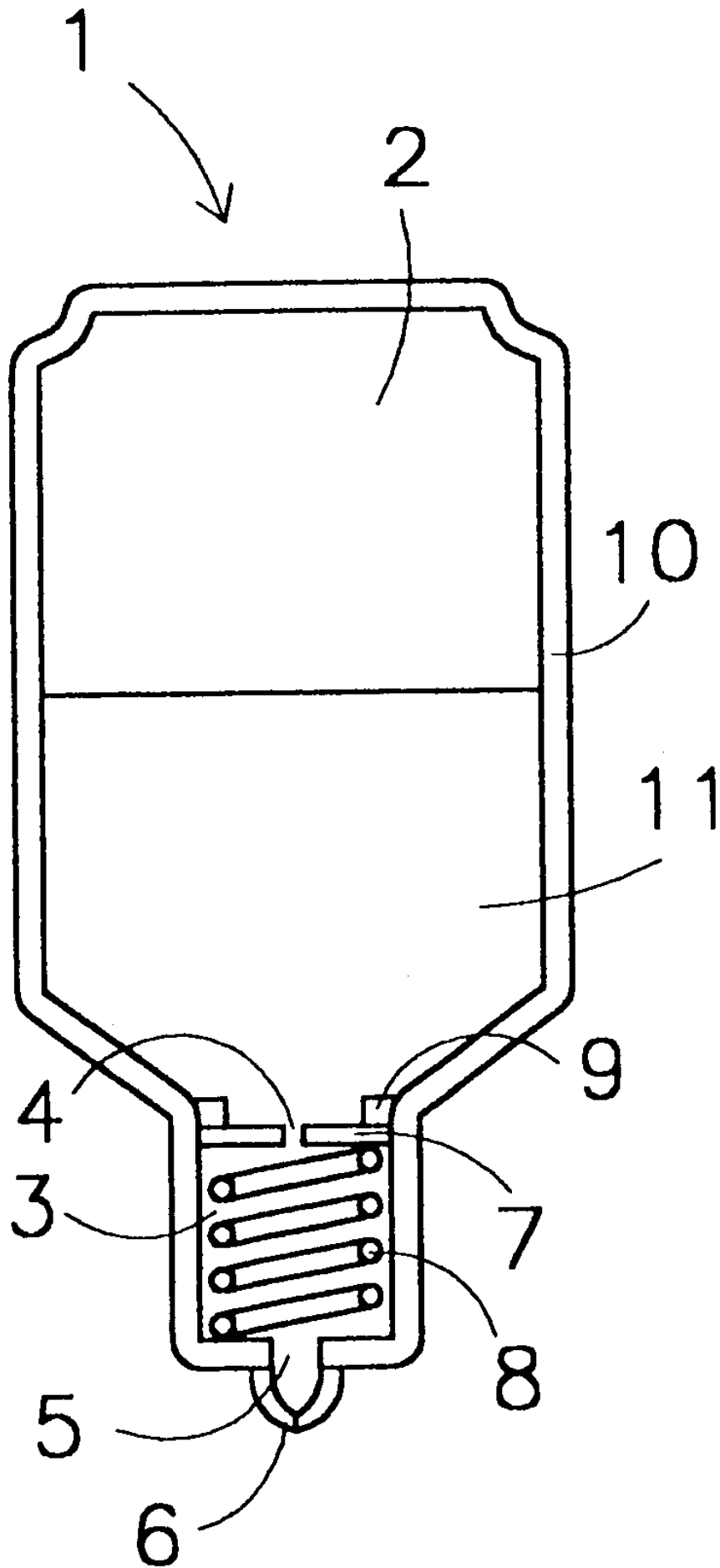
Family 89/100 - FAMPAT - ©Questel

Title

(EP1140369)

Squeeze bottle for dispensing a liquid in a metered and substantially germ-free manner

Images



Family 90/100 - FAMPAT - ©Questel

Title

(WO201255105)

Method for manufacturing structural color object

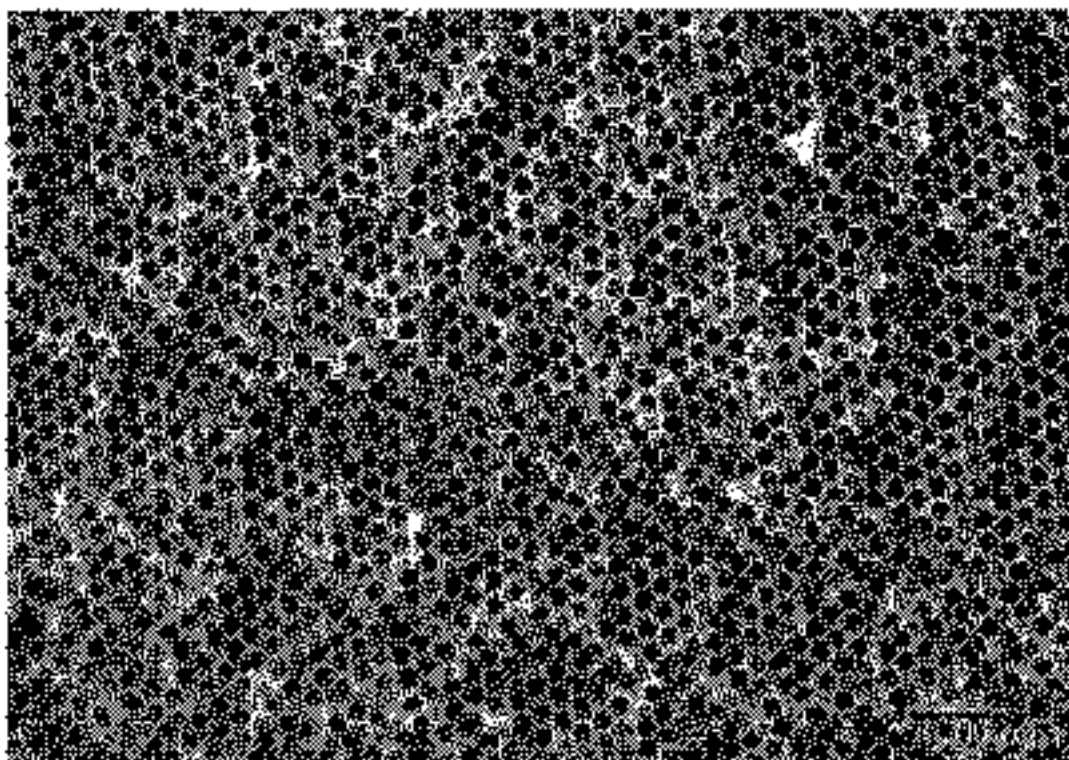
Images

Fig. 7

Publication numbers with kind code & date

JP5435171	B2	2013-12-20	JP5435171
JP2013522420	A	2013-06-13	JP2013522420
TW201235387	A	2012-09-01	TW201235387
WO2012/055105	A1	2012-05-03	WO201255105

**Abstract**

(WO2012/055105)

The present invention relates to a manufacturing method characterized in that, in the manufacture of the structural color object based on the regular arrangement of the polymer particles, the processes of purification and isolation of the polymer particles beforehand are not required and, the low cost continuous manufacturing from the manufacture of the polymer particles to the manufacture of the structural color object can be realized. The present invention also relates a simple method for manufacturing relatively large object also showing the "play of colors". More specifically, the structural color object formed by organic-inorganic composite can be obtained by carrying out the sol-gel reaction having the aqueous dispersion of the copolymer particles obtained by polymerizing the acrylate monomers in water at specific concentration and the metal alkoxides as raw materials.

Inventors

FUKAZAWA NORIMASA

JIN RENHUA

SI RUIYU

LIU MEIJUAN

Latest standardized assignees - inventors removed

DIC

Family 91/100 - FAMPAT - ©Questel

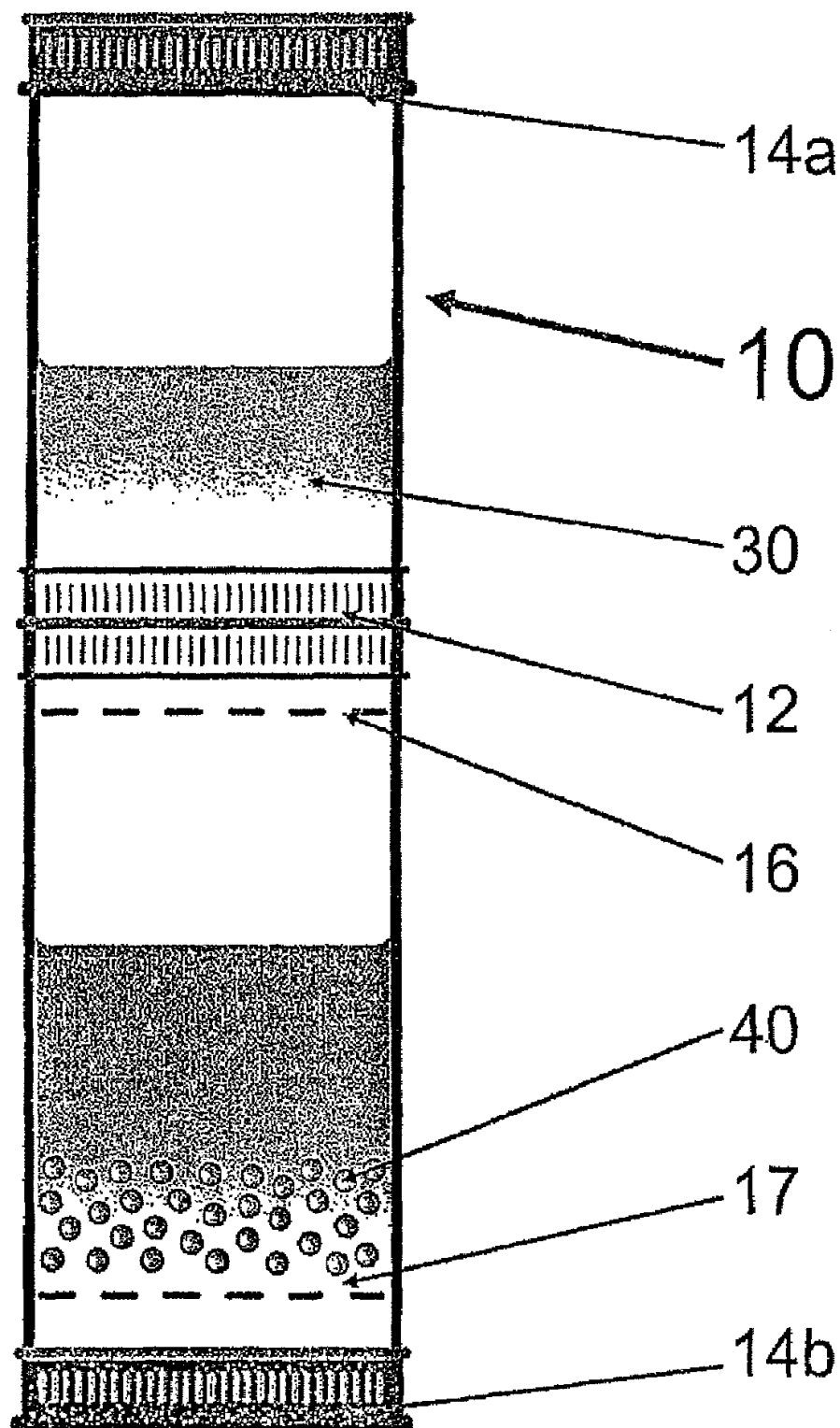
Title

(US7829280)

Process for reducing interferences in luciferase enzyme assays

Images

Figure 1



Publication numbers with kind code & date

US7829280

B2 2010-11-09

US7829280

US20080182238

A1 2008-07-31

US20080182238



Abstract

(US20080182238)

A method of conducting a biochemical assay that allows for a reduction of assay interferences. The method comprises treating a mixture of cell sample and cell constituents solubilizing agent, with an insoluble agent prior to conducting the assay. There is also provided a device as well as a kit for carrying out such assays.

Inventors

CAIRNS JAMES E

WHALEN PHILLIP J

WHALEN PATRICK A

Latest standardized assignees - inventors removed

LUMINULTRA TECHNOLOGIES

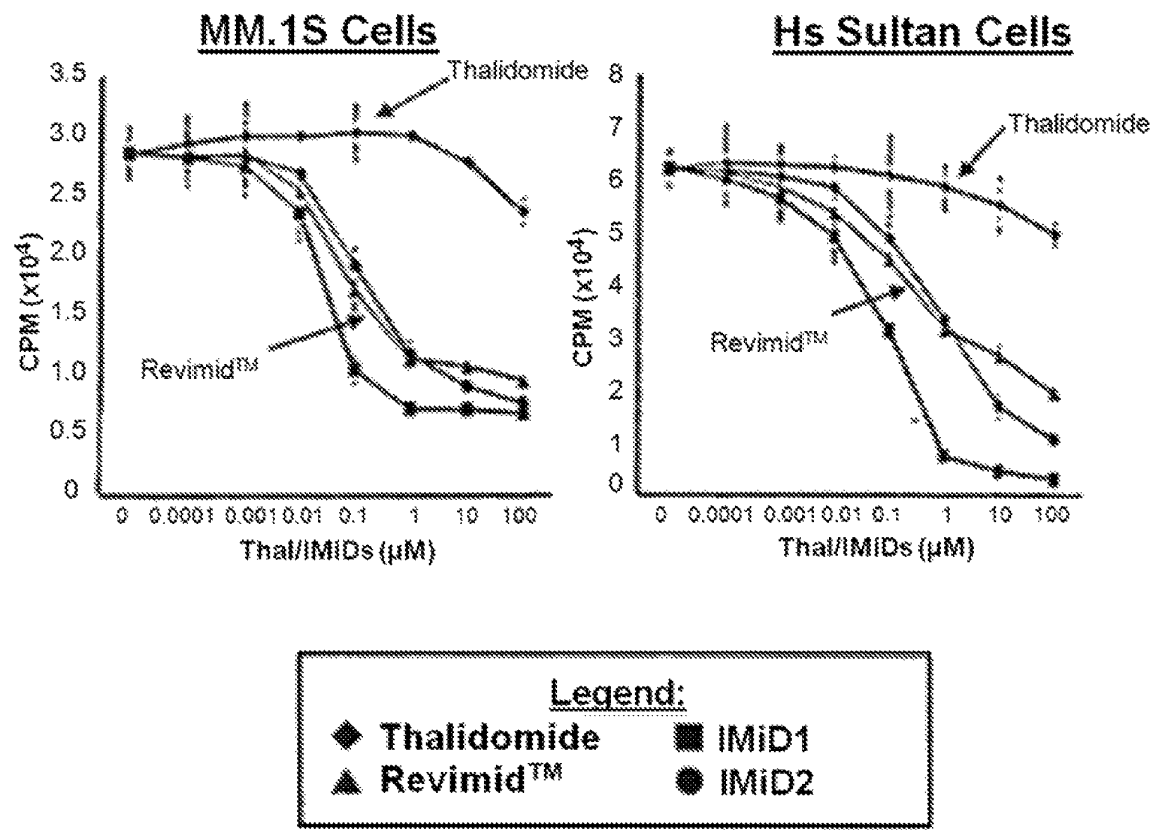
Family 92/100 - FAMPAT - ©Questel

Title
(EP1567158)

Methods and compositions using immunomodulatory compounds for treatment and management of cancers and other diseases

Images

Effects of Revimid™ and Thalidomide on MM Cell Proliferation



Publication numbers with kind code & date

US20190175575	A1	2019-06-13	US20190175575				
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IL178748	B	2013-10-31	IL-178748				
NZ595125	A	2013-10-25	NZ-595125				
US20130251709	A1	2013-09-26	US20130251709				
CN1697655	B	2013-09-18	CN1697655B				
US8530498	B1	2013-09-10	US8530498				
US20130231314	A1	2013-09-05	US20130231314				
EP2561874	A3	2013-09-04	EP2561874				
US8492406	B2	2013-07-23	US8492406				
US20130183381	A1	2013-07-18	US20130183381				
US20130177642	A1	2013-07-11	US20130177642				
US20130177644	A1	2013-07-11	US20130177644				
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JP2013091659	A	2013-05-16	JP2013091659				
US8440194	B2	2013-05-14	US8440194				
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IL165254	B	2013-03-24	IL-165254				
JP2013049734	A	2013-03-14	JP2013049734				
EP2561874	A2	2013-02-27	EP2561874				
TW201302193	A	2013-01-16	TW201302193				
EP2526946	A1	2012-11-28	EP2526946				
US20120244214	A1	2012-09-27	US20120244214				
US20120237595	A1	2012-09-20	US20120237595				
EP2460522	A3	2012-07-25	EP2460522				
IL178745	B	2012-06-28	IL-178745				
IL219732	A	2012-06-28	IL-219732				
US8207200	B2	2012-06-26	US8207200				
HK1104968	A1	2012-06-15	HK1104968				
US8198262	B2	2012-06-12	US8198262				
US8198306	B2	2012-06-12	US8198306				
AU2010200373	B2	2012-06-07	AU2010200373				
EP2460522	A2	2012-06-06	EP2460522				
US20120135042	A1	2012-05-31	US20120135042				
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CN102429908	A	2012-05-02	CN102429908				
KR101131651	B1	2012-03-28	KR101131651				
CN102379874	A	2012-03-21	CN102379874				
RU2010137395	A	2012-03-20	RU2010137395				
US20120035145	A1	2012-02-09	US20120035145				
CN102342938	A	2012-02-08	CN102342938				
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CA2672000	C	2011-11-29	CA2672000				
AU2006299431	B2	2011-11-10	AU2006299431				
CN1981761	B	2011-10-12	CN1981761B				
NZ584663	A	2011-09-30	NZ-584663				
IL198978	B	2011-08-31	IL-198978				
NZ567049	A	2011-07-29	NZ-567049				
BRPI0616670	A2	2011-06-28	BR200616670				

US7968569	B2	2011-06-28	US7968569				
JP4754967	B2	2011-06-03	JP4754967				
EP2316455	A1	2011-05-04	EP2316455				
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CA2476983	C	2011-01-25	CA2476983				
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EP2272513	A1	2011-01-12	EP2272513				
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SI1505973	T1	2010-06-30	SI1505973T				
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EP2105135	A3	2010-02-10	EP2105135				
UA89474	C2	2010-02-10	UA--89474				
EP2087891	A3	2010-01-27	EP2087891				
EP2105136	A3	2010-01-27	EP2105136				
EP1635826	A4	2010-01-20	EP1635826				
TW201000459	A	2010-01-01	TW201000459				
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EP2105135	A2	2009-09-30	EP2105135				
EP2105136	A2	2009-09-30	EP2105136				
JP2009191072	A	2009-08-27	JP2009191072				
EP2087891	A2	2009-08-12	EP2087891				
JP2009173683	A	2009-08-06	JP2009173683				
US20090155265	A1	2009-06-18	US20090155265				
NZ563281	A	2009-05-31	NZ-563281				
US20090123416	A1	2009-05-14	US20090123416				
TWI308913	B	2009-04-21	TWI308913				
IN5127/CHENP/2008	A	2009-03-20	IN2008CN05127				
CR10582	A	2009-03-16	CR--10582				
JP2009510171	A	2009-03-12	JP2009510171				
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KR20080058469	A	2008-06-25	KR20080058469				
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EP1931343	A2	2008-06-18	EP1931343				
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IN3418/CHENP/2005	A	2007-07-27	IN2005CN03418				
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JP2006528973	A	2006-12-28	JP2006528973				
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KR20060110014	A	2006-10-23	KR20060110014				
ECSP056229	A	2006-10-10	EC200506229				
US20060199843	A1	2006-09-07	US20060199843				
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US20060172970	A1	2006-08-03	US20060172970				
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RU2005139133	A	2006-06-10	RU2005139133				
ZA200409388	B	2006-05-31	ZA200409388				
BRPI0410306	A	2006-05-23	BR200410306				
US20060105993	A1	2006-05-18	US20060105993				
EP1505973	A4	2006-05-17	EP1505973				
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JP2006514689	A	2006-05-11	JP2006514689				
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US20060069065	A1	2006-03-30	US20060069065				
CR8146	A	2006-03-24	CR---8146				
EP1635826	A2	2006-03-22	EP1635826				
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IL165254	A	2005-12-18	IL-165254				
CN1697655	A	2005-11-16	CN1697655				
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BR0316050	A	2005-09-13	BR200316050				
EP1567158	A2	2005-08-31	EP1567158				
US20050176681	A1	2005-08-11	US20050176681				
MXPA05004734	A	2005-08-02	MX2005PA004734				
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WO2004/103274	A3	2005-03-03	WO2004103274				
EP1505973	A2	2005-02-16	EP1505973				
MXPA04011311	A	2005-02-14	MX2004PA011311				
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KR20050010815	A	2005-01-28	KR20050010815				
TW200500355	A	2005-01-01	TW200500355				
AU2004240548	A1	2004-12-02	AU2004240548				
CA2525557	A1	2004-12-02	CA2525557				
WO2004/103274	A2	2004-12-02	WO2004103274				
WO2004/043377	A3	2004-08-05	WO200443377				
AU2003290651	A1	2004-06-03	AU2003290651				
CA2505128	A1	2004-05-27	CA2505128				
WO2004/043377	A2	2004-05-27	WO200443377				
US20040029832	A1	2004-02-12	US20040029832				
WO03/97052	A3	2003-12-18	WO200397052				
AU2003234626	A1	2003-12-02	AU2003234626				
AU2003234626	C1	2003-12-02	AU2003234626				
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CA2727830	A1	2003-11-27	CA2727830				
CA2752122	A1	2003-11-27	CA2752122				
CA2752124	A1	2003-11-27	CA2752124				
CA2752127	A1	2003-11-27	CA2752127				
CA2752140	A1	2003-11-27	CA2752140				
CA2794060	A1	2003-11-27	CA2794060				
CA2794297	A1	2003-11-27	CA2794297				
CA2855306	A1	2003-11-27	CA2855306				
CA2855359	A1	2003-11-27	CA2855359				
WO03/97052	A2	2003-11-27	WO200397052				

Abstract

(EP1567158)

Methods of treating, preventing and/or managing cancer as well as and diseases and disorders associated with, or

characterized by, undesired angiogenesis are disclosed. Specific methods encompass the administration of an immunomodulatory compound alone or in combination with a second active ingredient. The invention further relates to methods of reducing or avoiding adverse side effects associated with chemotherapy, radiation therapy, hormonal therapy, biological therapy or immunotherapy which comprise the administration of an immunomodulatory compound. Pharmaceutical compositions, single unit dosage forms, and kits suitable of use in methods of the invention are also disclosed.

Inventors

ZELDIS JEROME B

Latest standardized assignees - inventors removed

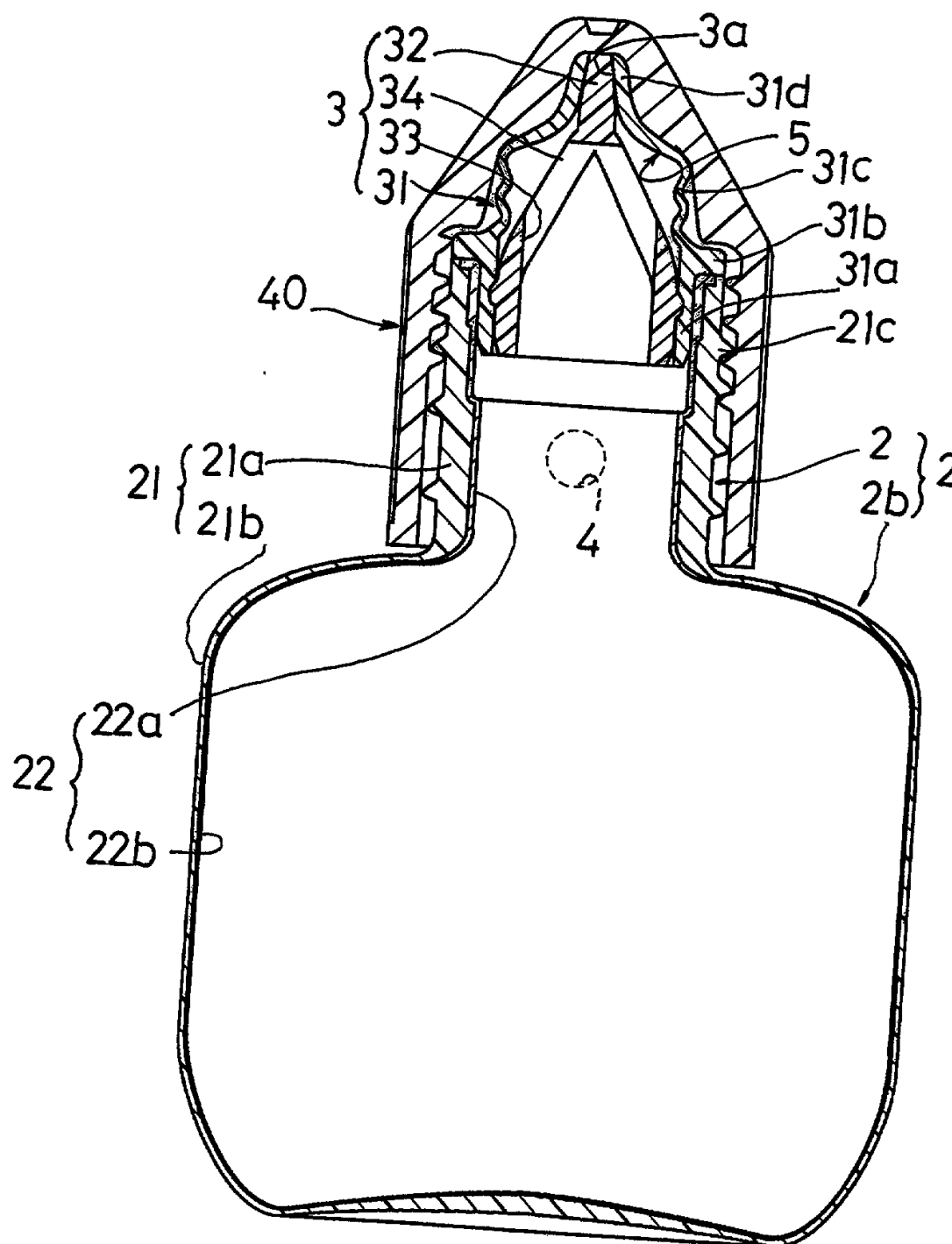
CELGENE

Family 93/100 - FAMPAT - ©Questel

Title

(EP1266840)

A dispensing container

Images**Publication numbers with kind code & date**

EP1266840	A3	2003-09-10	EP1266840
JP2003063576	A	2003-03-05	JP2003063576
US20020190079	A1	2002-12-19	US20020190079
EP1266840	A2	2002-12-18	EP1266840

**Abstract**

(EP1266840)

A dispensing container comprises a delaminating bottle (2) as a member for shutting off a liquid content from ambient air so that, without aid of any preservatives, a liquid residue is protected from contamination at a region adjacent to an outlet hole (3a). The container has a flexible nozzle (31) and a rod-shaped closer (32), both disposed in the mouth of bottle (2). The nozzle (31) is made of a pliable and elastic material, with the closer (32) being shaped to close a distal end region of the outlet hole (3a). By squeezing the barrel of bottle to increase its internal pressure, the flexible nozzle (31) expands to make a deformation, which in turn causes the outlet hole (3a) to take an outward open position. <IMAGE>

Inventors

HAMAMOTO KEIJI

Latest standardized assignees - inventors removed

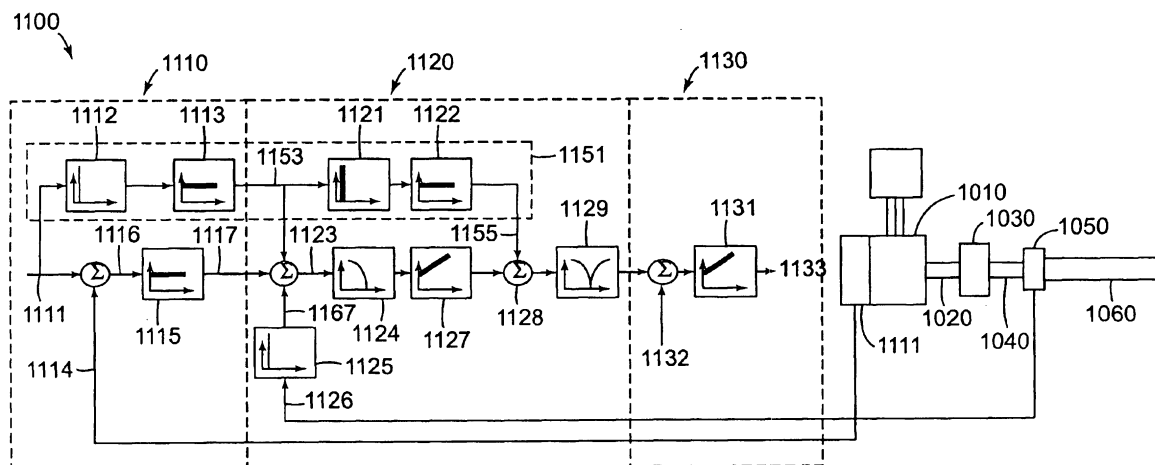
TAISAI KAKO

Family 94/100 - FAMPAT - ©Questel

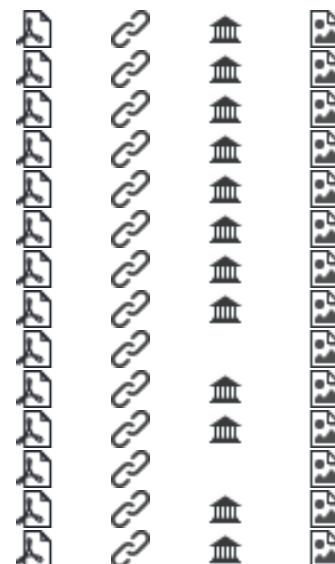
Title

(EP1663626)

Microreplicated article

Images**Publication numbers with kind code & date**

BRPI0414184	B1	2015-06-09	BR200414184
CN100519157	C	2009-07-29	CN100519157C
US7417798	B2	2008-08-26	US7417798
US20080131667	A1	2008-06-05	US20080131667
US20070211347	A1	2007-09-13	US20070211347
US7224529	B2	2007-05-29	US7224529
JP2007504974	A	2007-03-08	JP2007504974
CN1863669	A	2006-11-15	CN1863669
KR20060116803	A	2006-11-15	KR20060116803
BRPI0414184	A	2006-10-31	BR200414184
EP1663626	A1	2006-06-07	EP1663626
MXPA06002718	A	2006-06-05	MX2006PA002718
WO2005/025845	A1	2005-03-24	WO200525845
US20050052750	A1	2005-03-10	US20050052750

**Abstract**

(EP1663626)

A microreplicated article is disclosed. The article includes a web including first and second opposed surfaces. The first surface includes a first microreplicated structure having a plurality of first features. The second surface includes a second microreplicated structure having a plurality of second features. Corresponding opposed features cooperate to form a lens features.

Inventors

KING VINCENT W
 HUIZINGA JOHN S
 DOWER WILLIAM V
 KUHNS DAVID W
 KING GREGORY F
 STRAND JOHN T
 HUNTER THOMAS B
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 CARLSON DANIEL H

HUMLICEK LARRY D

Latest standardized assignees - inventors removed

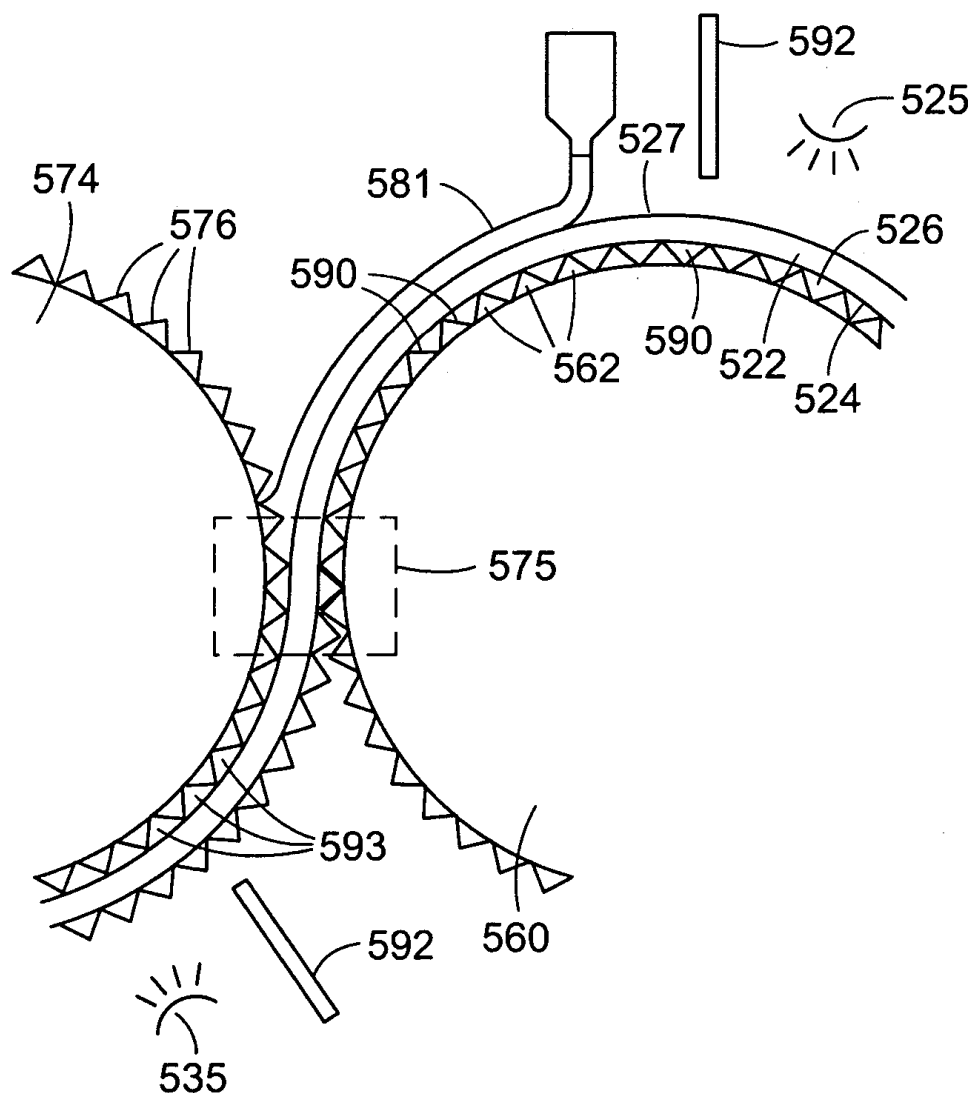
3M

Family 95/100 - FAMPAT - ©Questel

Title

(EP1874524)

Apparatus and method for making microreplicated article

Images**Publication numbers with kind code & date**

KR101286897	B1	2013-07-16	KR101286897
JP5048644	B2	2012-07-27	JP5048644
CN101137493	B	2012-04-11	CN101137493B
BRPI0608699	A2	2010-12-07	BR200608699
DE602006005638	D1	2009-04-23	DE602006005638
AT424986	T	2009-03-15	ATE424986
EP1874524	B1	2009-03-11	EP1874524
JP2008532746	A	2008-08-21	JP2008532746
CN101137493	A	2008-03-05	CN101137493
EP1874524	A1	2008-01-09	EP1874524
KR20070108233	A	2007-11-08	KR20070108233
MX2007010816	A	2007-11-07	MX2007010816
US20060236877	A1	2006-10-26	US20060236877
WO2006/098939	A1	2006-09-21	WO200698939

**Abstract**

(EP1874524)

An apparatus for producing a microreplicated article is disclosed. This apparatus includes a first patterned roll (450) having a first diameter and a second patterned roll (474) having a second diameter. A drive assembly is included and is configured to rotate the first patterned roll (460) and the second patterned roll (474) such that the first and second rolls maintain a continuous registration within about 100 micrometers. The second diameter is 0.01 to 1 percent larger than the first diameter. A method of making a microreplicated article is also disclosed.

Inventors

STRAND JOHN T

WETZELS SERGE

Latest standardized assignees - inventors removed

3M

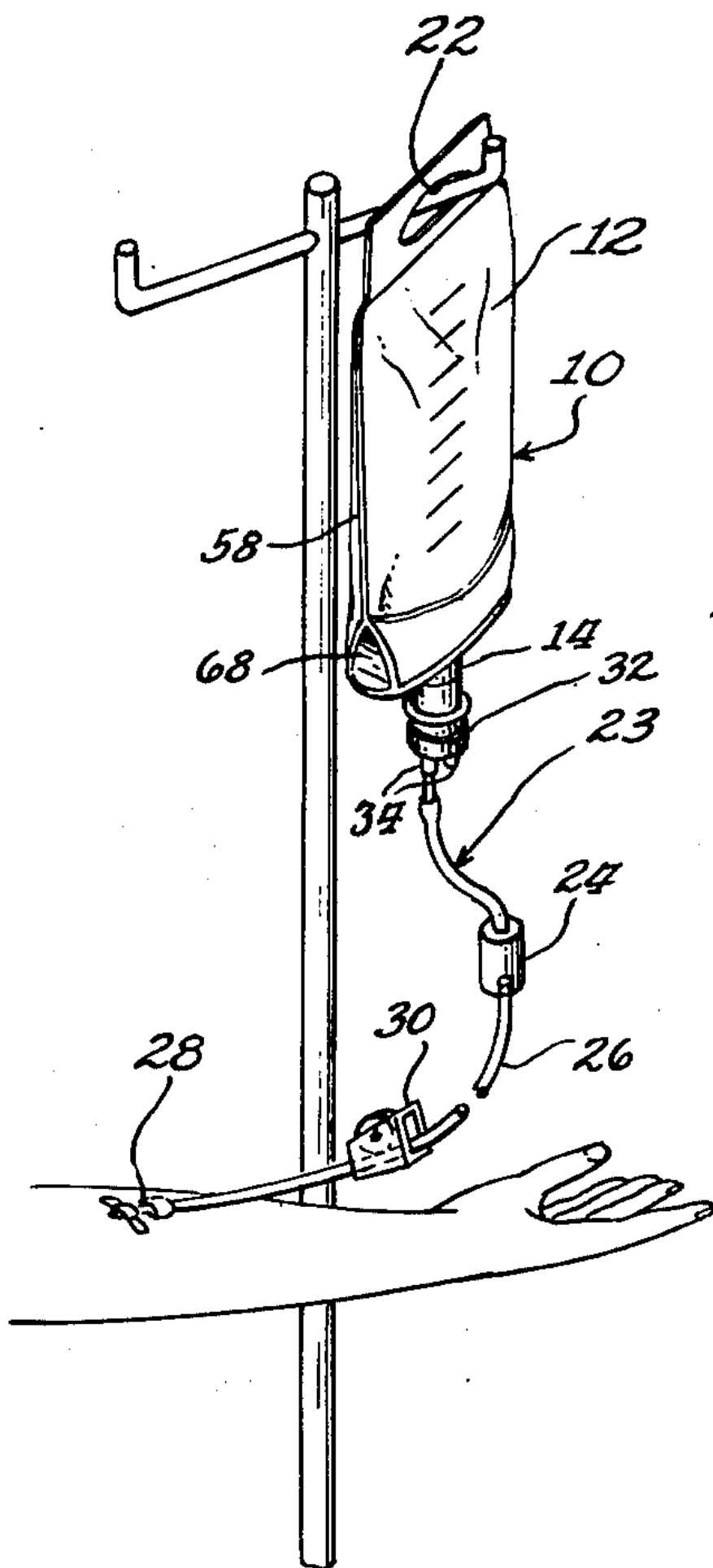
Family 97/100 - FAMPAT - ©Questel

Title

(US4049033)

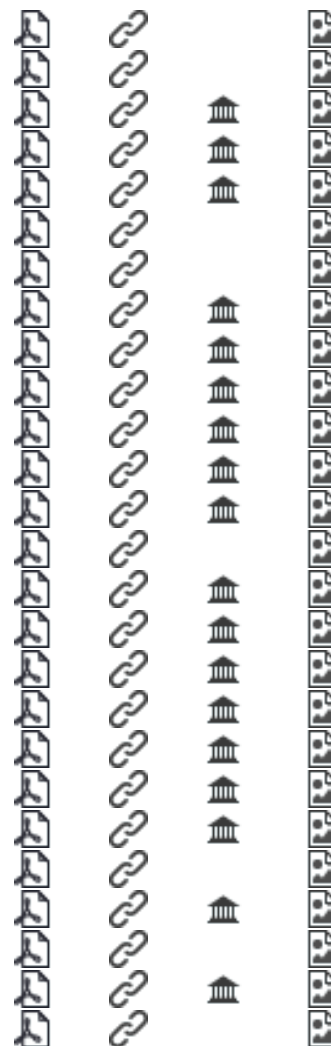
Molded collapsible solution container

Images



Publication numbers with kind code & date

SU1050559	A3	1983-10-23	SU1050559
YU295175	A	1982-06-30	YU7502951
NO145463	C	1982-04-07	NO-145463
FR2291910	B1	1982-04-02	FR2291910
NO145463	B	1981-12-21	NO-145463
IT1049630	B	1981-02-10	IT1049630
PL113167	B1	1980-11-29	PL-113167
CA1089804	A	1980-11-18	CA1089804
AU506198	B2	1979-12-20	AU-506198
IL48406	B	1979-07-31	IL--48406
IL48406	A	1979-07-25	IL--48406
GB1517359	A	1978-07-12	GB1517359
GB1517360	A	1978-07-12	GB1517360
EG11792	A	1978-03-29	EG--11792
US4049033	A	1977-09-20	US4049033
AU8651275	A	1977-05-19	AU7586512
ES442876	A1	1977-04-01	ES-442876
JPS51142887	A	1976-12-08	JP51142887
DE2552145	A1	1976-08-12	DE2552145
BR7507697	A	1976-08-10	BR7507697
FR2291910	A1	1976-06-18	FR2291910
NL7513550	A	1976-05-25	NL7513550
NO753903	L	1976-05-24	NO-753903
SE7513131	L	1976-05-24	SE7513131
DK524275	A	1976-05-22	DK7505242
FI753151	A	1976-05-22	FI7503151

**Abstract**

(US4049033)

A molded collapsible solution container, which is made from a tubular, plastic parison, defines a body portion having an integral neck portion and shoulder portion at one end thereof. The container is sealed at its opposite end. The body portion defines, in as-molded configuration, a generally oval cross-section taken perpendicular to the axis of the container, adjacent the neck and shoulder portion. The cross-section tapers progressively to a flat configuration at the end of the container opposite to the neck and shoulder portion, which facilitates a uniform manner of flat collapsing of the container progressively from the opposite end toward the end adjacent the neck and shoulder portion as the contents thereof are withdrawn through the neck portion, when the container is disposed in neck downward position.

Inventors

RALSTON JR PHILIP G

Latest standardized assignees - inventors removed

BAXTER INTERNATIONAL

Family 98/100 - FAMPAT - ©Questel

Title

(KR101570665)

Flood disaster control system

Images**Publication numbers with kind code & date**

KR101570665	B1	2015-11-30	KR101570665
KR20120112315	A	2012-10-11	KR20120112315

**Abstract**

(KR20120112315)

PURPOSE: A flood damage control system using the potential energy of water is provided to efficiently and rapidly treat a flood and drought according to a weather forecast using the pressure difference of water.

CONSTITUTION: A flood damage control system(1) using the potential energy of water comprises circular water tanks or circular concrete dams(680), water tanks or concrete dams, multiple valves(409), pipelines, fire nozzles, floodgates, and channels(294). The circular water tanks or circular concrete dams are located at the tops of mountains. The water tanks or concrete dams are formed in the circular water tanks or circular concrete dams and stores water. The valves and the pipelines are connected to the water tanks or concrete dams. The fire hoses are located at portions of the pipelines. The floodgates and channels are formed in the concrete dams and fire fighting pumps.

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Inventors

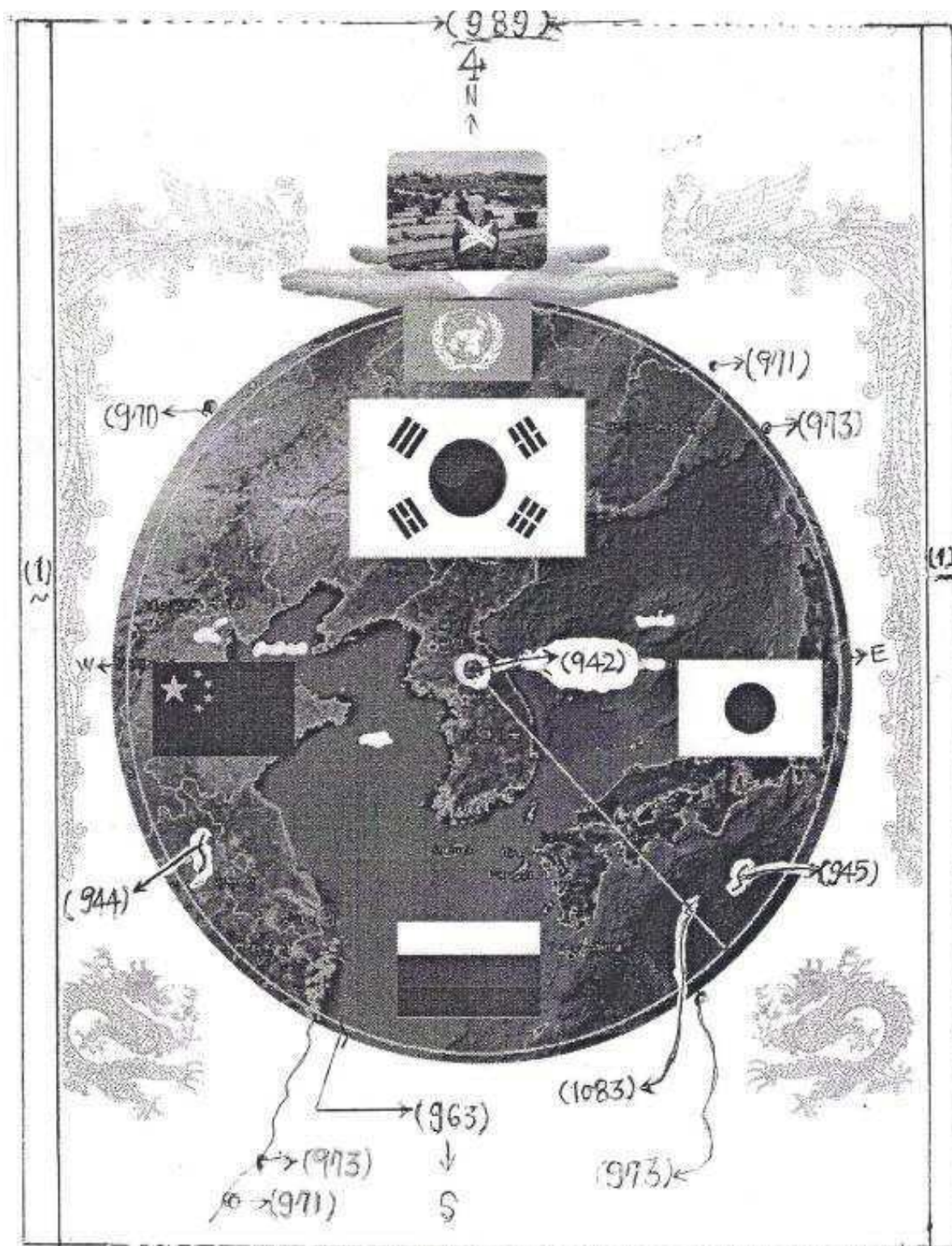
LEE, WOO SUNG

Family 99/100 - FAMPAT - ©Questel

Title

(KR20140005836)

Public waters reclamation device having peace retained construction machine

Images**Publication numbers with kind code & date**

KR20140094481	A	2014-07-30	KR20140094481
KR20140005836	A	2014-01-15	KR20140005836

**Abstract**

(KR20140005836)

The present invention relates to a public waters reclamation device having a peace retained construction machine to promptly and efficiently prevent various natural disasters including large forest fires caused by droughts and floods on the

land or around the sea, Asian dust, heavy snowfall, intense heat, typhoon, earthquakes and tidal waves, landslides, and radioactive contamination and various territorial disputes, wars, and terrorism based on the weather forecast of a National Weather Service which checks and analyzes weather data transmitted from a flood control device and an artificial satellite inside the body of the public waters reclamation device using reclamation devices having a nonpolluting natural energy construction machine, although a conventional technique has side effects due to a construction delay by executing a reclamation process using an engine which uses oil for operation.

Inventors

LEE, WOO SUNG

Family 100/100 - FAMPAT - ©Questel

Title

(KR20100027087)

Wind-water generator with a seesaw-type pipe level for a non-disaster global marine generating station

Images

Publication numbers with kind code & date

[KR20100027087](#)

A

2010-03-10

KR20100027087



Abstract

(KR20100027087)

PURPOSE: A wind-water generator with a seesaw-type pipe level for a non-disaster global marine generating station is provided to produce electricity using a plurality of generators capable of various types of power generation.

CONSTITUTION: A wind-water generator with a seesaw-type pipe level for a non-disaster global marine generating station comprises a plurality of marine generating station units in which a plurality of generators are installed on the deck of a barge(591) above tanks(590). A barge(592) under the tanks is connected to floating docks. The generators are capable of thermal power generation, hydroelectric power generation, geothermal power generation, nuclear power generation, solar power generation, tidal power generation, or space power generation. The electricity produced by the generators is delivered to electric power substations.

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Inventors

LEE, WOO SUNG