



New connection on: : 08-05-2018 : 19:39:26 - Last disconnection on: : 08-05-2018 : 05:19:18

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 2] ..fi epodoc



Database: EPODOC

[EPODOC: SS 2] A61M31/00/C/low

Results in EPODOC **11.743**

[SS 3] * and squeeze+

Results in EPODOC **18**

[SS 4] ..v

[EPODOC: SS 4] ..li 1-10



1/18 © EPODOC / EPO

PN - [WO2017011361](#) A1 20170119
 PR - US201562191005P 20150710
 AP - WO2016US41669 20160709
 DT - *; Rep
 CT - |US| ISR (A1)
 [US2003160068](#) A1 20030828 [X] (MEHTA KETAN
 C [US])
 [X] 19
 * entire document *;
 [CN203842007U](#) U 20140924 [Y] (UNIV LISHUI)
 [Y] 1-10, 13-18
 * see machine translation *;
 [US3949744](#) A 19760413 [Y] (CLARKE ELLIS
 WHITESIDE)
 [Y] 1-10, 13-18
 * entire document *;
 [US2012277675](#) A1 20121101 [Y] (MEHTA KETAN
 C [US])
 [Y] 5
 * entire document *;
 [US2012179118](#) A1 20120712 [Y] (HAIR KENNETH
 A [US])
 [Y] 6
 * entire document *;
 [US3777936](#) A 19731211 [Y] (HAZARD R)
 [Y] 7-10
 * entire document *;
 [WO2014147577](#) A1 20140925 [Y] (GILL MARTIN
 GORDON [ZA])
 [Y] 16
 * entire document *;
 [US4830224](#) A 19890516 [Y] (BRISON MARC [FR])
 [Y] 18
 * entire document *;
 [US5806723](#) A 19980915 [A] (DUBOSE ROBERT W
 [US])
 [A] 1-19
 * entire document *;
 [US2014323973](#) A1 20141030 [A] (RUIZ III
 LEOPOLDO [US])
 [A] 1-19
 * entire document *;
 [WO2013164759](#) A1 20131107 [A] (SANTINI
 DANIELA BARBARA [IT])
 [A] 1-19
 * entire document *
 CCI - [A61M3/0262](#) ; [A61M3/0279](#) ; [B05B11/04](#)
 CUI - [A61M31/00](#)
 CCA - [A61M2210/0618](#)
 PA - MILLER BRIAN M [US]
 TI - COLLAPSIBLE LIQUID IRRIGATION CONTAINER
 AB - A disposable, collapsible, **squeeze**-dispensing
 container (1) carrying a preloaded amount of a
 nasal irrigation solution (17) and having a

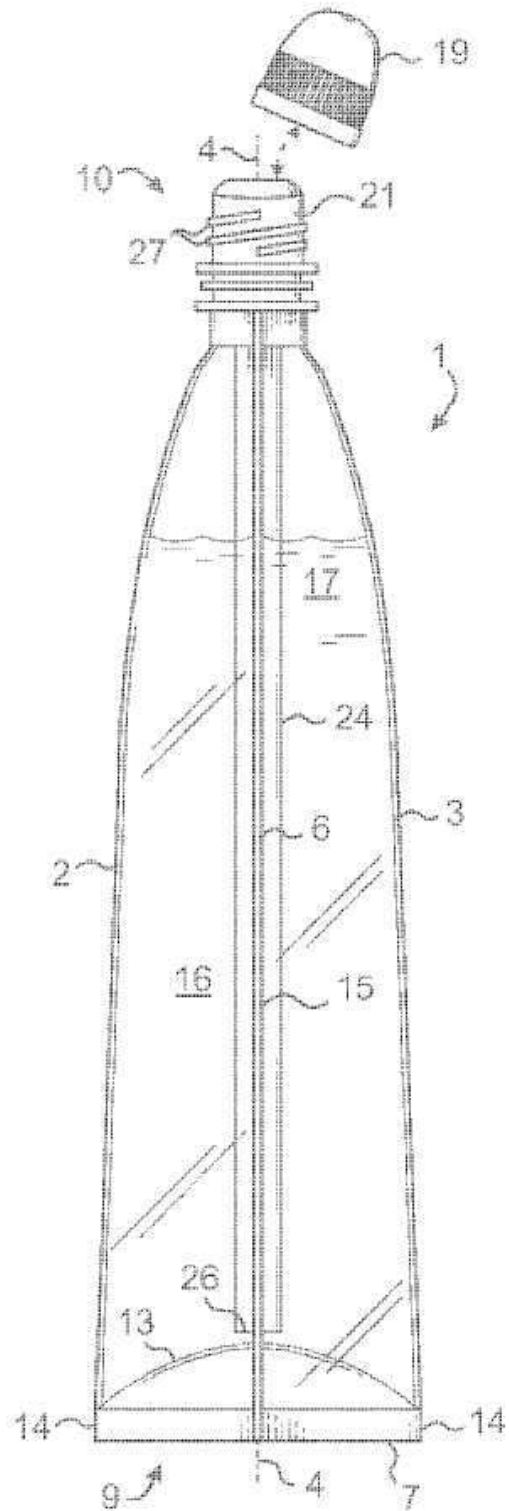


FIG. 2

bottom-supplied feed tube (24) connected to a spout (10) adapted to form a seal against a user's nostril and inject solution through the spout while the container is being **squeezed** in a substantially upright orientation. The spout can be shaped and fitted with a resiliently compressible material band to comfortably seal against the tissues surrounding a user's nostril. A locking mechanism can prevent resealing an opened container.

2/18 © EPODOC / EPO

- PN - [WO2017060299](#) A1 20170413
- PR - EP20150188465 20151006
- AP - WO2016EP73788 20161005
- DT - **
- CT - | EP | ISR (A1)
[WO2014135521](#) A1 20140912 [X] (LI GALLI B V [NL])
[X] 1-5,8
* Figs. 1, 2, 3, 4 // abstract // page 2, paragraph 1-3 // page 4, 5th paragraph // page 5, paragraph 1, 3, 4, 6 // reference numbers 6, 10, 14, 15 *
[I] 6,7,9-15;
[WO2012049676](#) A2 20120419 [X] (CONTIPI LTD [IL], et al)
[X] 1,2
* Figures // abstract // claims *;
[WO2011039680](#) A1 20110407 [A] (KONINKL PHILIPS ELECTRONICS NV [NL], et al)
[A] 1-15
* the whole document *
- CCI - [A61F6/06](#) ; [A61F6/14](#) ; [A61M31/002](#)
- CUI - [A61K9/0036](#)
- CCA - [A61M2210/1475](#)
- PA - LIGALLI B V [NL]
- TI - VAGINAL DRUG DELIVERY DEVICE AND VAGINAL DIAGNOSTIC DEVICE
- AB - The present invention is related to a vaginal drug delivery device and to a vaginal diagnostic device that comprises a first and second rigid member, wherein the first and/or second rigid member comprises a reservoir holding a medicament to be delivered, an opening, and a pump for pumping said medicament out of said opening, and/or wherein the first rigid member and/or second rigid member comprises a diagnostic device for performing an intravaginal diagnosis or measurement therefor. The device further comprises a first flexible member and flexible part, wherein at least one of the first flexible member and the flexible part is at least partially elastic having an elasticity such that the device can be **squeezed** from an extended shape to a collapsed shape. The device is pre-biased to assume the extended shape when little to no external force is being applied thereto. Furthermore, the device assumes a shape substantially corresponding to the extended shape when the device is inserted with the **squeezed** rigid member first, so that these naturally unfold in the formix posterior vaginae.

3/18 © EPODOC / EPO

- PN - [EP3153137](#) A1 20170412
- PR - EP20150188465 20151006
- AP - EP20150188465 20151006
- DT - *; Rep
- CT - | | STSE (A1)
[WO2014135521](#) A1 20140912 [X] (LI GALLI B V [NL])

[X] 1-5,8

* Figs. 1, 2, 3, 4 // abstract // page 2, paragraph 1-3 // page 4, 5th paragraph // page 5, paragraph 1, 3, 4, 6 // reference numbers 6, 10, 14, 15 *

[I] 6,7,9-15;

[WO2012049676](#) A2 20120419 [X] (CONTIPI LTD [IL], et al)

[X] 1,2

* Figures // abstract // claims *;

[WO2011039680](#) A1 20110407 [A] (KONINKL PHILIPS ELECTRONICS NV [NL], et al)

[A] 1-15

* the whole document *

CCI - [A61F6/06](#) ; [A61F6/14](#) ; [A61M31/002](#)

CUI - [A61K9/0036](#)

CCA - [A61M2210/1475](#)

PA - LI GALLI B V [NL]

TI - VAGINAL DRUG DELIVERY DEVICE AND VAGINAL DIAGNOSTIC DEVICE

AB - The present invention is related to a vaginal drug delivery device and to a vaginal diagnostic device that comprises a first and second rigid member, wherein the first and/or second rigid member comprises a reservoir holding a medicament to be delivered, an opening, and a pump for pumping said medicament out of said opening, and/or wherein the first rigid member and/or second rigid member comprises a diagnostic device for performing an intravaginal diagnosis or measurement therefor. The device further comprises a first flexible member and flexible part, wherein at least one of the first flexible member and the flexible part is at least partially elastic having an elasticity such that the device can be **squeezed** from an extended shape to a collapsed shape. The device is pre-biased to assume the extended shape when little to no external force is being applied thereto. Furthermore, the device assumes a shape substantially corresponding to the extended shape when the device is placed and released at or near the Fornix Uteri or Cervix Uteri of a user.

4/18 © EPODOC / EPO

PN - [US2014288532](#) A1 20140925

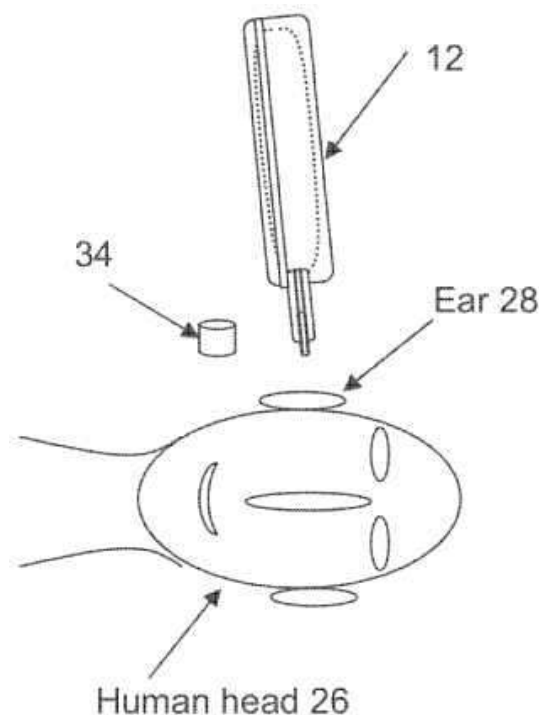
PNFP - US2016213903 A9 20160728

PR - US201313850167 20130325; US201261719961P
20121030

AP - US201313850167 20130325

DT - *; Rep

CT - || R141 (A1)
[US6257759](#) B1 20010710 [] (WITONSKY ROBERT J [US], et al);
[US2005224082](#) A1 20051013 [] (JOHNSON ARTHUR A [US]);
[US8177740](#) B1 20120515 [] (MCGLOTHLIN MARK W [US], et al);
[US8425474](#) B2 20130423 [] (GLASSMAN BRADLEY P [US], et al)
- || R141 (A9)
[US6257759](#) B1 20010710 [] (WITONSKY ROBERT J [US], et al);
[US2005224082](#) A1 20051013 [] (JOHNSON ARTHUR A [US]);
[US8177740](#) B1 20120515 [] (MCGLOTHLIN MARK W [US], et al);
[US8425474](#) B2 20130423 [] (GLASSMAN BRADLEY P [US], et al);
[US2005256082](#) A1 20051117 [] (NONOMURA MAMI



- [JP], et al);
[US79742](#) A 18680707 [];
[US2006253087](#) A1 20061109 [] (VLODAVER ANER
 [US], et al);
[US2010172941](#) A1 20100708 [] (VAJDY MICHAEL [US],
 et al)
- CTNP - || R141 (A1)
 [] - Kumari, Kalpana. "Earache Remedies for
 Children". Published: 12 October 2009. <http://www.buzzle.com/articles/earache-remedies-for-children.html>. Accessed 28 April 2016.
- || R141 (A9)
 [] - Kumari, Kalpana. "Earache Remedies for
 Children". Published: 12 October 2009. <http://www.buzzle.com/articles/earache-remedies-for-children.html>. Accessed 28 April 2016.
- [] - "Otitis Media." University of Maryland Medical
 Center. Last Reviewed 3 February 2016. <http://www.umm.edu/health/medical/altmed/condition/otitis-media>. Accessed 20 December 2017.
- [] - Natural Healing Guide. "Home Remedies,
 Remedies for Ears - Remedy (Nuskhe)". Published 14
 December 2011. <https://web.archive.org/web/20111214181811/http://natural-healing-guide.com/Home-Remedies/Ear-Ache.htm>. Accessed
 26 April 2018.
- CCI - [A61M31/00](#)
- CCA - [A61M2210/0662](#)
- PA - (A1 A9)
 SINGHAL TARA CHAND [US]
- TI - (A1 A9)
 APPARATUS AND METHOD FOR NATURAL CURE OF
 MIDDLE EAR INFECTIONS WITHOUT ANTIBIOTICS
- AB - (A1 A9)
 An apparatus for natural cure for middle ear
 infection has a single use sachet. The sachet has a
 pocket that holds a limited quantity of mustard
 essential oil. The sachet has a neck and a dropper
 and sachet can be **squeezed** to flow drops for pouring
 into an ear canal. The sachet is put in a microwave
 oven just before use for only substantially 30
 seconds to heat the oil and up to five drops of heated
 oil is **squeezed** into an ear canal of a person with
 severe ear itching indicative of a middle ear infection.

PN - [DE102010021883](#) A1 20101202

PR - DE20101021883 20100528; DE20091023180 20090529

AP - DE20101021883 20100528

DT - *; Rep

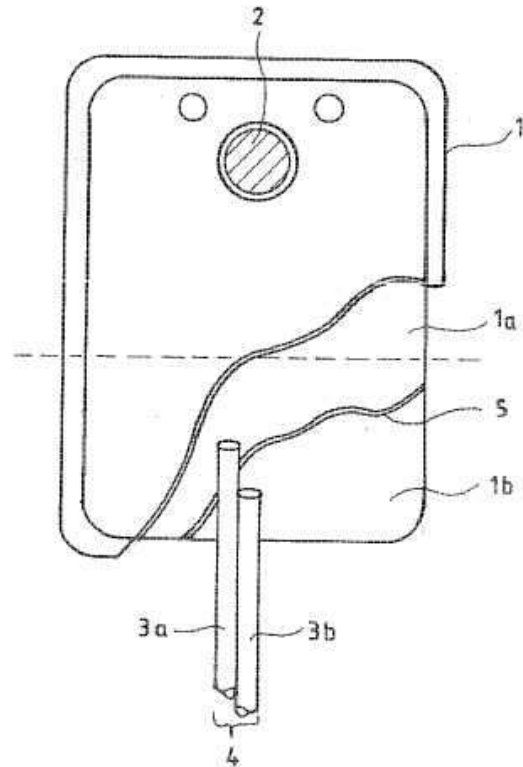
CCI - [A61M3/0262](#) ; [A61M3/0266](#)

CCA - [A61M31/00](#)

PA - ADVANCED MEDICAL BALLOONS GMBH [DE]

TI - Device for repeatable application of rinsing fluid for rectal irrigation to patient, has flexible surface area staying in surface contact with air reservoir, such that fluid reservoir is compressed to **squeeze** fluid into patient's body

AB - The device has a fluid reservoir with a flexible surface area. The flexible surface area stays in surface contact with an air reservoir that is subjected with air or other medium, such that the fluid reservoir is compressed by filling the air reservoir, so as to **squeeze** the fluid into a patient's body. The liquid reservoir and the air reservoir are integrated with each other to a common bag (1), which comprises multiple compartments (1a, 1b) that are separated from one another. Hoses (3a, 3b) are attached to the fluid and air reservoirs, where the hoses are components of a dual-lumen hose (4).



6/18 © EPODOC / EPO

PN - [US2009131874](#) A1 20090521

PR - SE20050001334 20050609; WO2006SE00652 20060602

AP - US20060921820 20060602

DT - **

CT - || R141 (A1)
[US2003018302](#) A1 [];
[US6558370](#) B2 [];
[US5908379](#) A [];

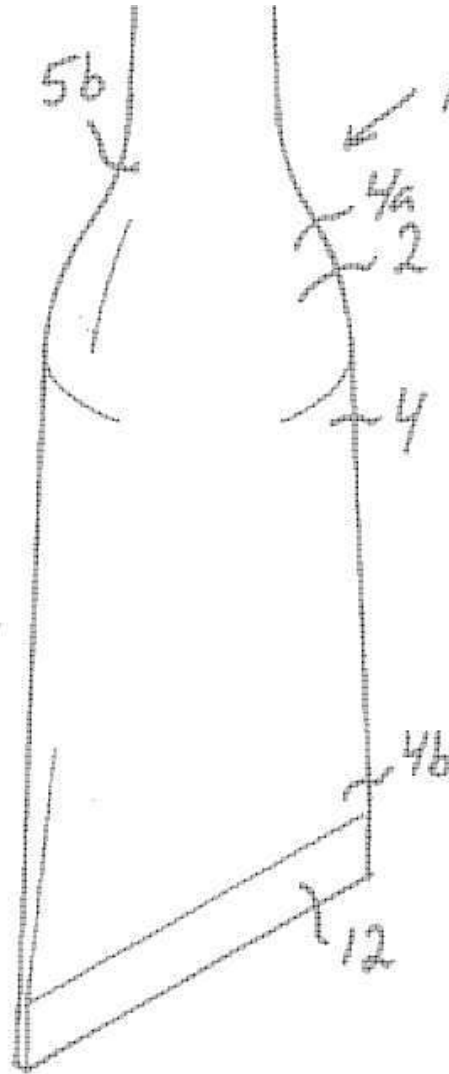


[US6090075](#) A []

CCI - [A61M31/00](#)

TI - Device for application of lubricant

AB - A device is provided for application of lubricant in an urethra to thereby facilitate insertion of a medical instrument into the urethra. The device (1) has a receptacle (2) having a lubricant-containing space (3) and a gripping part (4) and spout (5) connected to the gripping part (4). The outer end (5a) of the spout (5) is insertable into the urethra of a patient through the urethra orifice and provided with an outlet opening (6) connected to the lubricant-containing space (3) in the receptacle (2) which is grippable and manipulatable by gripping with fingers about the gripping part (4) of the receptacle (2), the gripping part (4) being deformable so that lubricant from the lubricant-containing space (3) can be **squeezed** out through the outlet opening (6) of the spout (5) by compression of the gripping part (4) with the fingers.



7/18 © EPODOC / EPO

PN - [US5250024](#) A 19931005

PR - US19920934378 19920824

AP - US19920934378 19920824

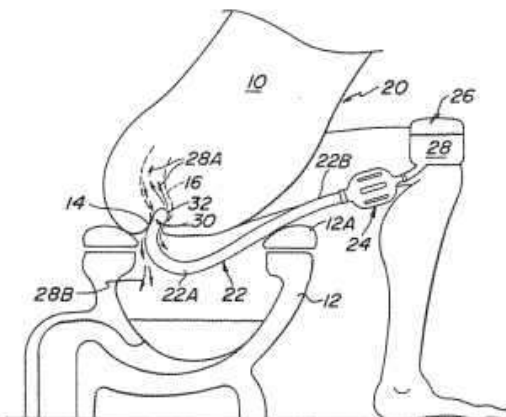
DT - *

CT - [US330084](#) A []; [US337249](#) A [];
[US343252](#) A []; [US559417](#) A [];
[US906711](#) A []; [US925718](#) A [];
[US1555656](#) A []; [US1602750](#) A [];
[US1692922](#) A []; [US2007069](#) A [];
[US2267909](#) A []; [US2438073](#) A [];
[US2583298](#) A []; [US4596554](#) A [];
[US4986822](#) A []

CCI - [A61M31/00](#)

PA - KENSEY NASH CORP [US]

TI - System for introducing a therapeutic agent into

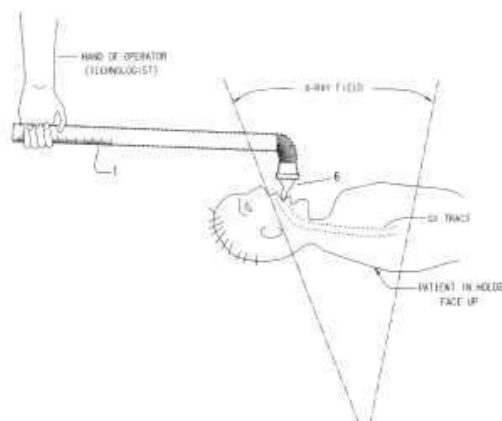


the rectum

- AB - A device for administering a liquid into the bowel of a person. The device comprises a rigid conduit, a manually actuatable pump, and a reservoir holding the liquid. The conduit is of a general J-shape having an elongated straight proximal section and a curved distal section terminating in a tip having an aperture therein. The elongated proximal section is sufficiently long that when the person is seated on a toilet with the proximal section located between the person's legs the tip is located at the person's anus, so that he/she can readily insert the tip into the anus by manually manipulating the proximal section of the conduit. The pump is coupled to the proximal section of the conduit and is arranged to be **squeezed** by the person to pump the liquid from the reservoir through the conduit and out the aperture into the person's bowel.

8/18 © EPODOC / EPO

- PN - [US5693033](#) A 19971202
PR - US19960612295 19960307
AP - US19960612295 19960307
DT - *
CT - [US3645262](#) A []; [US4301934](#) A [];
[US4813556](#) A []; [US4994076](#) A [];
[US5509551](#) A []
CCI - [A61M31/005](#)
TI - Barium feeding device for X Ray GI studies
AB - A thin, long tube (1) made of transparent semi-rigid plastic having a closed end (2) and an open, enlarged and threaded end (3) for feeding attachments: baby nipple (6) or feeding straw (7). Semi-rigid plastic signify that the tube can be **squeezed** (compressed) between the fingers of the operator in order to force the liquid of the tube. The tube has volume measuring marks (8) starting at the closed end and a self locking accordion-like portion (4) close to the open end. The tube contains a wave breaking insert (5) made of coiled (helicoidal) or brush-like plastic.



9/18 © EPODOC / EPO

- PN - [US3570662](#) A 19710316
PR - US19690797540 19690207
AP - USD3570662 19690207
DT - *
CT - [US2518486](#) A []
CCI - [A61M31/00](#)
PA - POLYAK JACK

TI - DISPOSABLE **SQUEEZETUBE** WITH FOLDABLE NOZZLE

10/18 © EPODOC / EPO

PN - [US2003105450](#) A1 20030605

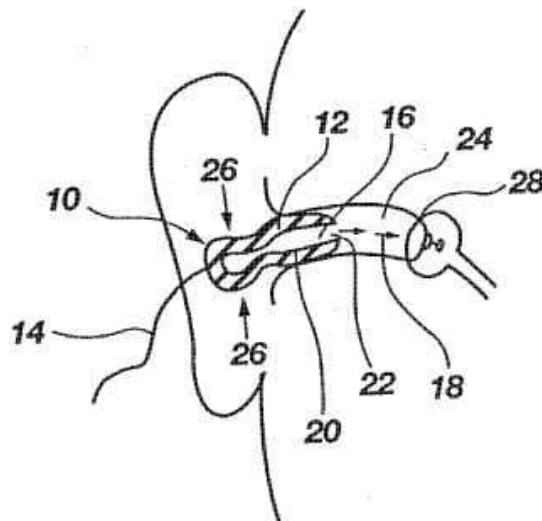
PNFP - US6764470 B2 20040720

PR - US20020309733 20021203; US20010336646P
20011203

AP - US20020309733 20021203

DT - *; Rep

CT - || R141 (A1)
[US6341718](#) B1 20020129 [] (SCHILTHUIZEN
STEPHANUS FRANSIS [NL], et al);
[US4258714](#) A 19810331 [] (LEOPOLDI NORBERT,
et al);
[US6357626](#) B1 20020319 [] (ZHANG JACK
YONGFENG [US], et al);
[US6379342](#) B1 20020430 [] (LEVINSON MELVIN
[US]);
[US6540718](#) B1 20030401 [] (WENNEK SAMUEL
[CH]);
[US6547808](#) B2 20030415 [] (TUCKEY STEVEN R
[US], et al);
[US4752288](#) A 19880621 [] (HUSSEY RICHARD P
[US]);
[US5772685](#) A 19980630 [] (CROWE D E [US], et
al);
[USRE37734E](#) E 20020611 [] (BUEHLER JOHN D
[US]);
[US6432117](#) B1 20020813 [] (MURRAY JONATHAN
AIDAN MUIR [GB]);
[US3777949](#) A 19731211 [] (CHIQUIARI ARIAS M);
[US6666359](#) B2 20031223 [] (LAU STEVEN [SG], et
al)
- || STSE (B2)
[US3777949](#) A 19731211 [] (CHIQUIARI ARIAS M);
[US4258714](#) A 19810331 [] (LEOPOLDI NORBERT,
et al);
[US4752288](#) A 19880621 [] (HUSSEY RICHARD P
[US]);
[US5772685](#) A 19980630 [] (CROWE D E [US], et
al);
[US6341718](#) B1 20020129 [] (SCHILTHUIZEN
STEPHANUS FRANSIS [NL], et al);
[US6357626](#) B1 20020319 [] (ZHANG JACK
YONGFENG [US], et al);
[US6379342](#) B1 20020430 [] (LEVINSON MELVIN
[US]);
[USRE37734E](#) E 20020611 [] (BUEHLER JOHN D
[US]);
[US6432117](#) B1 20020813 [] (MURRAY JONATHAN
AIDAN MUIR [GB]);
[US6540718](#) B1 20030401 [] (WENNEK SAMUEL
[CH]);
[US6547808](#) B2 20030415 [] (TUCKEY STEVEN R



[US], et al);
[US6666359](#) B2 20031223 [] (LAU STEVEN [SG], et al);
[EP0319501](#) A2 19890607 [] (LOFSTEDT SIGMUNDJOHANNES)

CCI - [A61F11/00](#) ; [A61M31/00](#)

CCA - [A61F2/08](#)

TI - (A1 B2)
Ear plug medication administration device

AB - (A1 B2)
A device for delivering a beneficial agent within a body cavity such as the ear canal. The device preferably includes a soft resilient casing that can be compressed to fit at least partially within the ear canal. Once inserted in the ear canal, the casing expands to form a seal between a boundary defining the ear canal and the device. The soft casing preferably encapsulates the beneficial agent within a reservoir formed inside the soft casing. As the device is **squeezed**, the beneficial agent is ejected through a release point. The device then maintains the beneficial agent within the ear canal until the beneficial agent has had time to take effect.