

Search history

Search CPC=(A61M31/00) (Results 2499)
1:

Search 1 and valve (Results 568)
2:

Search 2 and cannula (Results 90)
3:

Search 1 and vagina* (Results 493)
4:

Search 4 and (valve or dosing) (Results 149)
5:

Search [SP]: apparatus for accessing a body cavity and methods of making same apparatus is provided for accessing a body cavity comprising kit
6: containing an annular member having a deflated insertion configuration and an inflated expanded configuration and an expandable support assembly including an upper lever coupled to a handle, wherein the expandable support assembly may be deployed within the inflatable body to enhance the radial strength of the inflatable body and provide an unobstructed view. (Results 74)

Search 2 and (cover or shield) (Results 212)
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Title: IMPLANTABLE FLUID MANAGEMENT SYSTEM FOR THE REMOVAL OF EXCESS FLUID

Abstract: An implantable fluid management device, designed to drain excess fluid from a variety of locations in a living host into a second location within the host, such as the bladder of that host. The device may be used to treat ascites, chronic pericardial effusions, normopressure hydrocephalus, hydrocephalus, pulmonary edema, or any fluid collection within the body of a human, or a non-human mammal.

Classifications:

International (IPC 8-9): A61B1/00 A61B17/00 A61B17/04 A61B17/08 A61B17/12 A61B18/18 A61B19/00 A61B5/00 A61B5/07 A61B5/145 A61B6/00 A61F2/00 A61F2/02 A61F2/04 A61F2/12 A61F2/48 A61F2/82 A61F5/00 A61K9/00 A61K9/14 A61K9/22 A61M1/00 A61M1/28 A61M27/00 A61M29/00 A61M29/02 A61M31/00 A61M37/00 A61M39/24 A61M5/00 A61M5/142 A61M5/178 A61N1/00 A61N1/05 A61N1/36 A61N1/375 C12Q1/68 G08B23/00 (Advanced/Invention);

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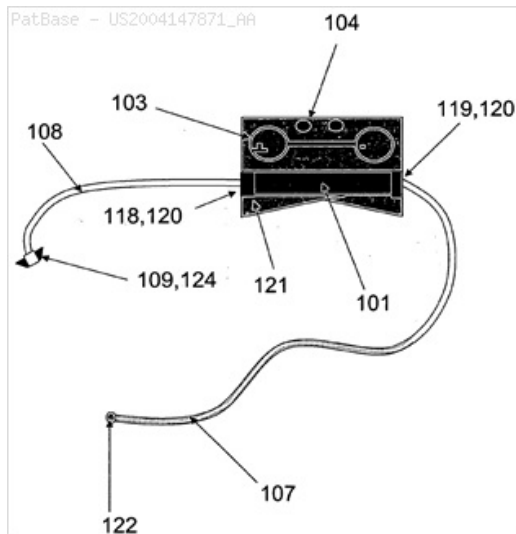
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**Family:**

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Assignee(s): (std): BURNETT DANIEL ; BURNETT DANIEL R ; HALL GREG ; GALLUP DAVID A ; CAMPBELL WHITE ANNETTE ; MEDVENTURE ASSOCIATES IV ; HALL GREGORY W ; JOHNSON NOEL L ; MANGRUM SHANE C ; JOHNSON NOEL ; GRYSKIEWICZ JOSEPH M ; BURNETT DANIEL ROGERS ; POLYMORFIX INC ; RICHMAN ROXANNE ; POLYMORFIX INC C O MEDVENTURE ; THERANOVA LLC ; NOVALERT INC ; YOGI TAKASHI ; NOVASHUNT AG ; SEQUANA MEDICAL AG ; BAJOR JORDAN T ; BARONOVA INC

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Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; PHILLIPS ORMONDE FITZPATRICK; BORDEN LADNER GERVAIS LLP; SMART AND BIGGAR; GROSSE SCHUMACHER KNAUER VON HIRSCHHAUSEN; BOCKHORN AND KOLLEGEN PATENT U RECHTSANWAELTE; MILLER JAMES LIONEL WOOLVERTON; MILLER JAMES LIONEL WOOLVERTON ET AL; PRICE NIGEL JOHN KING; ZELLER ANDREAS; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; ISERN JORGE; CARPINTERO MARIO; TOWNSEND AND TOWNSEND AND CREW LLP; SCOTT M SMITH TOWNSEND AND TOWNSEND AND CREW LLP; DAVID A LEVINE; LEVINE BAGADE LLP; LUCE FORWARD HAMILTON AND SCRIPPS LLP; MITCHELL P BROOK LUCE FORWARD HAMILTON AND SCRIPPS LLP; LEVINE BAGADE HAN LLP; JONES DAY; FRANCO A; NICOLA A; JAIME D; CHRISTOPHER C; FOLEY AND LARDNER LLP; SERAFINI FRANCO; SERAFINI FRANCO A

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

Title: ACOUSTICALLY CONTROLLED SUBSTANCE DELIVERY DEVICE

Abstract: Embodiments of a system including a remotely controlled substance delivery device and associated controller are described. Methods of use and control of the device are also disclosed. According to some embodiments, a delivery device or related device may be placed in an environment in order to pump a material into the environment or into an additional fluid handling structure within the device. Exemplary environments include a body of an organism, a body of water, or an enclosed volume of a fluid. The concentration of a substance in the fluid to be delivered may be modified by a remote control signal. In selected embodiments, an acoustic control signal may be used.

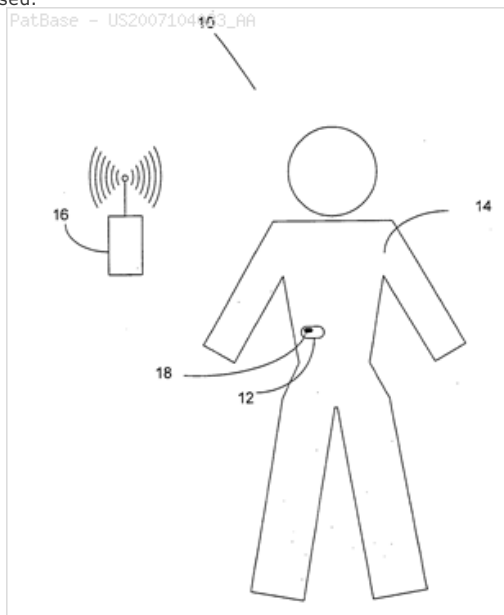
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Agent(s): HALFORDS IP; HARRIS IAN RICHARD; SHOJI TAKASHI; SUKENOBU YURIKO; SEARETE LLC CLARENCE T TEGREENE; SEARETE LLC; RICHARD H NEWMAN SHUFFLE MASTER INC; SEARETE LLC SUITE 110; SUITER SWANTZ PC LLO; DORSEY AND WHITNEY LLP; TEGREENE CLARENCE T; COOK DALE R ET AL

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

Title: METHOD AND APPARATUS FOR SUPPLYING PREDETERMINED GAS INTO BODY CAVITIES OF A SPECIMEN

Abstract: A gas supply apparatus measures a first pressure inside a first body cavity of a specimen and a second pressure inside a second body cavity of the specimen. The gas supply apparatus regulates a pressure of a predetermined gas based on the measured first and second pressures inside the first and second body cavities so that the first and second pressures reach predetermined first and second pressure settings, respectively.

Classifications:

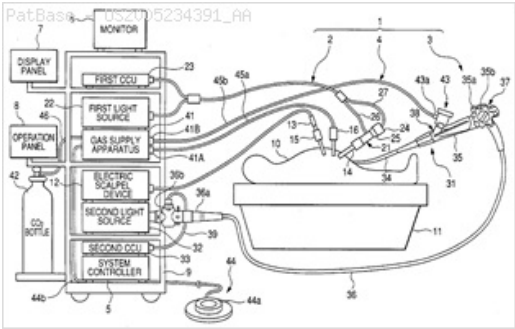
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International (ipc 1-7): A61B1/00 A61B17/00 A61M37/00

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European: A61M13/00G K61B17/34N K61M31/00

US: 600/560 604/118 604/118S 604/23 604/24 604/25 604/26 604/26P 604/28 604/30 604/31



Family:

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Probable Assignee: OLYMPUS CORP

Assignee(s): (std): KASAH I ATSUHIKO ; NODA KENJI ; OLYMPUS CORP ; OLYMPUS OPTICAL CO ; SANO DAISUKE ; UESUGI TAKEFUMI ; UMEMURA MASASHI

Inventor(s): (std): KASAH I ATSUHIKO ; KASAH I MICH IHIKO ; NODA KENJI ; SANO DAISUKE ; UESUGI TAKEFUMI ; UMEMURA MASASHI

Agent(s): OSTROLENK FABER GERB AND SOFFEN; OSTROLENK FABER LLP

Title: DISPENSERS

Abstract: A pump dispenser is intended for oral administration of medicines. A pump receives fluid product through a **valved** inlet from a container, preferably of the airless type with a follower piston. The dispenser may be a movable-nozzle or fixed-nozzle dispenser. The discharge outlet of the dispenser has a stub nozzle incorporating a closure **valve**. A spring urges the closure **valve** forward to close a discharge opening of the stub nozzle. The nozzle attachment is shaped for oral dosing and has an internal rearwardly-projecting actuating structure which, when the nozzle attachment is coupled onto the stub nozzle, pushes the closure **valve** open. When the nozzle attachment is removed the spring closes the outlet again. Child-resistant features are described for fitting the nozzle attachment to the stub nozzle.

Classifications:

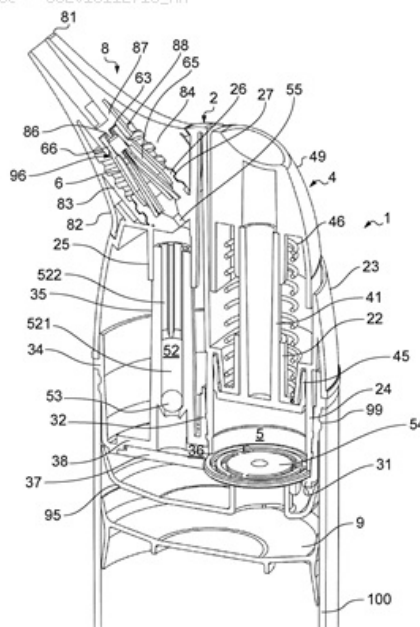
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PatBase - US2013112716_AA

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Agent(s): DAVIES COLLISON CAVE; MACPHERSON AND KELLEY LAWYERS; BERESKIN AND PARR LLP SENCRL SRL; LEINWEBER AND ZIMMERMANN; STONER GERARD PATRICK; WOODARD EMHARDT MORIARTY MCNETT AND HENRY LLP; STONER PATRICK ET AL

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

Title: ENEMA DISPENSER

Abstract: An enema includes a liquid in a dispenser having a bottle, a nozzle attached to the bottle, and a **valve**. The **valve** may be a membrane having a slit and a thickness of at most 0.90 mm. The **valve** may be attached to the bottle or it may be attached to the nozzle. The enema can be administered more easily, with a lower amount of force. A method of bowel cleansing includes inserting the enema into a rectum and applying a compression force to the enema bottle.

Classifications:

International (IPC 8-9): A61M3/02 A61M31/00 A61M39/22

A61M39/24 A61M5/178 (Advanced/Invention);

A61M3/00 A61M31/00 A61M39/00 (Core/Invention);

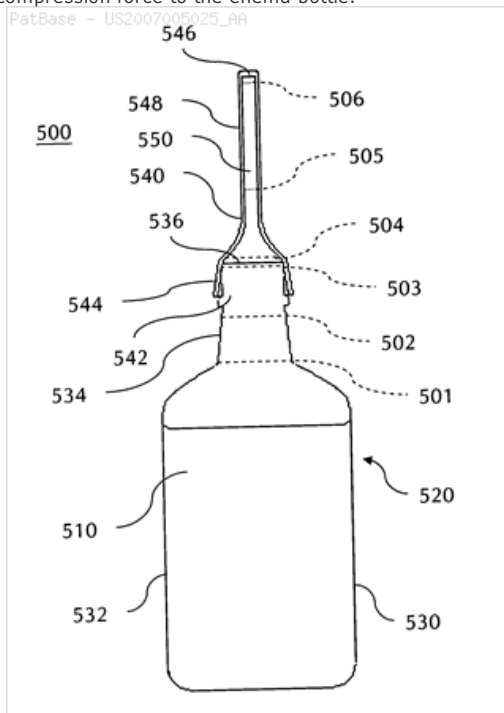
A61M (Subclass/Invention)

International (IPC 1-7): A61M3/02 A61M39/24

CPC: A61M3/0279 A61M39/221 A61M3/0262 A61M31/00

European: A61M3/02D8C A61M3/02H A61M39/22C

US: 604/132 604/181 604/181P 604/19 604/212 604/245 604/245S 604/246 604/257 604/275 604/279 604/279P 604/37 604/911



Family:

Publication number	Publication date	Application number	Application date
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IN04811KN2007 A	20080404	IN2007KN04811	20071211
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Priority:

US20050152818 20050614 WO2006US21368 20060602 US20120410972 20120302
US20140337753 20140722 US20160249741 20160829

Probable Assignee: CB FLEET CO INC

Assignee(s): (std): C B FLEET CO INC ; CB FLEET CO INC ; COX CHARLES H

Assignee(s): WELLS FARGO BANK NATIONAL ASSOCIATION ADMINISTRATI ; WELLS FARGO BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; GCI CAPITAL MARKETS LLC AGENT AS ; CITIBANK NA ADMINISTRATIVE AGENT AS ; CB FLEET INVESTMENT CORP ; C B FLEET CO INCORPORATED ; BARCLAYS BANK PLC ADMINISTRATIVE AGENT AS

Inventor(s): (std): COX CHARLES H

Inventor(s): CHARLES H COX ; COX CHARLES

Agent(s): BARRIGAR INTELLECTUAL PROPERTY LAW; MATHYS AND SQUIRE; EVAN LAW GROUP LLC

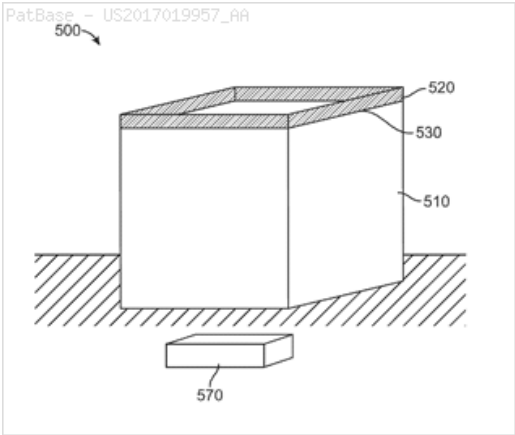
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Title: INDUCTION COOKING AND HEATING SYSTEMS

Abstract: A cooking apparatus includes a non-ferrous cooking vessel configured to receive food. The cooking apparatus also includes a ferrous cooking vessel **cover** that is configured for placement over a top of the non-ferrous cooking vessel. The cooking apparatus also includes one or more induction heating elements suspended from the ferrous cooking vessel **cover**, and a radiation source. The radiation source is configured to deliver electromagnetic radiation to the ferrous cooking vessel **cover**, and the one or more induction heating elements such that the ferrous cooking vessel **cover** and the one or more induction heating elements are heated.

Classifications:

International (IPC 8-9): A47J27/00 A47J36/06 A61B18/08 A61B5/00 A61B5/026 A61B5/05 A61M31/00 B23K1/002 B29C65/24 B29C65/36 B29C65/46 B29C65/48 H05B6/10 H05B6/12 (Advanced/Invention)
CPC: A47J27/002 A47J36/06 H05B6/105 H05B6/107 H05B6/1209 A47J27/004 A61B5/05 A61B5/7282 A61M31/00 A61B5/026 A61B18/082 A61B2018/00577 A61B2018/00351 B29C65/3676 H05B6/101 B23K1/002 B29C65/245 B29C65/4835 B29C65/46 B29L2031/779 B29K2105/0097 B29K2105/253 B29C66/7444 H05B6/12
US: 219/621 600/505



Family:

Publication number	Publication date	Application number	Application date
US2017019957 AA	20170119	US20160207567	20160712
US2017095179 AA	20170406	US20160383024	20161219
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WO17151713 A1	20170908	WO2017US20103	20170301

Priority:

US20150194021P 20150717	US20150196161P 20150723	US20150206080P 20150817
US20160303667P 20160304	US20160312917P 20160324	US20160207567 20160712
US20160383024 20161219	US20170422585 20170202	

Probable Assignee: FRYSHMAN BERNARD

Assignee(s): (std): FRYSHMAN BERNARD

Inventor(s): (std): FRYSHMAN BERNARD

Agent(s): LAGERWALL NICHOLAS M ET AL

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

Title: POWER INJECTION CATHETERS

Abstract: A power injection catheter for high flow rate delivery of fluids. The power injection catheter may include a pressure relief mechanism for preventing overpressurizing within the lumen of the catheter. The pressure relief mechanism may be configured to prevent sudden pressure build-up inside the catheter lumen by absorbing, buffering or releasing pressure inside the lumen during pressure spikes. The power injection catheter may also take the form of a multi-lumen catheter capable of simultaneous infusions of a single fluid through two or more of the lumens in the catheter.

Classifications:

International (IPC 8-9): A61M1/00 A61M31/00 A61M5/00 A61M5/142 A61M5/168 (Advanced/Invention);

A61M5/14 (Advanced/Non-invention);

A61M1/00 A61M31/00 (Core/Invention)

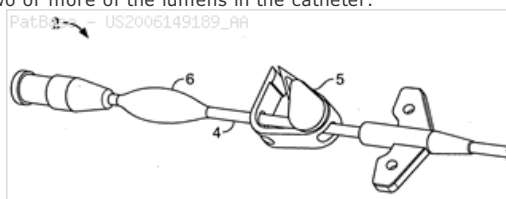
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A61M31/00

European: A61M5/00R A61M5/168D4 K61M205/33P11 K61M5/14B1

US: 1/1 604/118 604/118P 604/118S 604/246 604/246S 604/500

604/500P 604/523 604/523S

**Family:**

Publication number	Publication date	Application number	Application date
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Priority:

US20050029299 20050104 US20050321182 20051229

Probable Assignee: CR BARD INC

Assignee(s): (std): BARD INC C R ; BARRON WILLIAM R ; BREITER CATHERINE C ; DIAMOND JORDAN P ; RAJI KUBBA ABTIHAL

Assignee(s): C R BARD INC ; CR BARD INC

Inventor(s): (std): BARRON WILLIAM R ; BREITER CATHERINE C ; DIAMOND JORDAN P ; RAJI KUBBA ABTIHAL

Inventor(s): BARRON WILLIAM ; DIAMOND JORDAN ; BREITER CATHERINE

Agent(s): MORRISON AND FOERSTER LLP; HOLLAND AND HART LLP; RUTAN AND TUCKER LLP

Title: DRUG STORAGE AND DISPENSING DEVICES AND SYSTEMS COMPRISING THE SAME

Abstract: Drug storage and dispensing devices for dispensing a drug dosage form to a patient are disclosed. The dispensing device has a programmable lock-out feature for locking the dispensing device and is capable of detecting the identity of a user. The invention further provides a method for the treatment of subject, by administering to the subject a drug dosage form using a dispensing device of the invention.

Classifications:

International (IPC 8-9): A01N43/40 A61J1/00 A61J1/03 A61J1/06 A61J3/00 A61J7/00 A61J7/02 A61J7/04 A61K31/435 A61K31/44 A61K31/445 A61K31/4468 A61K31/4535 A61K31/454 A61K31/485 A61K31/55 A61K38/22 A61K47/12 A61K47/32 A61K47/46 A61K9/00 A61K9/20 A61K9/22 A61K9/24 A61K9/28 A61K9/30 A61K9/48 A61K9/70 A61M11/00 A61M15/00 A61M31/00 A61M35/00 A61M37/00 A61M5/00 A61M5/14 A61P25/00 A61P25/02 A61P25/04 A61P29/00 B65D83/04 B65H5/00 C07D211/58 G05B19/00 G06F19/00 G06K5/00 G07F17/00 H01Q1/22 (Advanced/Invention); A61J7/02 A61J7/04 A61M11/00 G06F19/00 G07F17/00 (Advanced/Non-invention); A61J1/00 A61J3/00 A61J7/00 A61K31/435 A61K31/44 A61K31/445 A61K31/4468 A61K31/4523 A61K31/485 A61K31/55 A61K38/22 A61K47/32 A61K9/00 A61K9/20 A61K9/28 A61K9/48 A61K9/70 A61M11/00 A61M15/00 A61M31/00 A61M35/00 A61M5/14 A61P25/00 A61P29/00 B65D83/04 C07D211/00 G05B19/00 G06K5/00 (Core/Invention); A61J (Subclass/Invention)

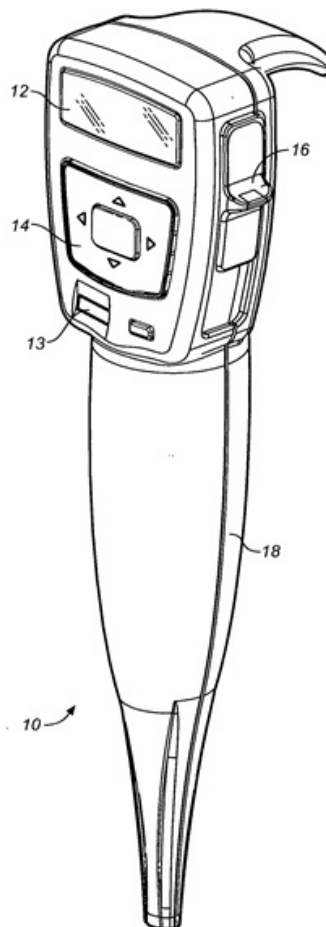
International (IPC 1-7): A61J7/00 A61J7/04 A61M11/00

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European: A61J7/00 A61J7/00D10 A61J7/00D2 A61J7/00D6 A61J7/00D8 A61J7/02 A61J7/04B3 A61K31/4535 A61K9/00M18D A61K9/20H2 A61K9/20H4B A61K9/20H6D A61K9/20K A61K9/70B A61M15/00 A61M31/00 G06F19/34L1 G07F17/00P H01Q1/22C K61J200/30 K61J3/00C K61J7/00F K61J7/04B1B K61J7/04B1D4 K61M11/00 K61M15/00D4E K61M15/00D4L K61M15/00D4T K61M205/27B K61M205/35R2 K61M205/35T1 K61M205/35T2 K61M205/52 K61M205/58D K61M205/60M K61M205/60T K61M209/08B2 S07C9/00B6

US: 1/1 128/200.14 128/200.140P 128/200.140S 128/203.15 128/203.150S 221/15 221/15P 221/232 235/381 340/5.8 340/5.800S 424/435 424/435P 424/451 424/451P 424/464 424/464P 424/464S 514/221 514/221S 514/282 514/282S 514/317 514/317S 514/326 514/326P 514/326S 514/329 546/213 604/514 604/514P 604/57 604/58 604/59 604/60 604/77

PatBase - US2007186923_AA



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: ACELRX PHARMACEUTICALS INC

Assignee(s): (std): ACLERX PHARMACEUTICALS INC ; CHIU EDMOND ; RETAILLEAU SASCHA ; SCHRECK THOMAS ; RAMPERSAUD CHARLES ; POUTIATINE ANDREW I ; KOLOSI WILLIAM ; HAMEL LARRY ; PALMER PAMELA ; EDWARDS BRUCE ; HAMEL LAWRENCE ; POUTIATINE ANDREW ; TZANNIS STELIO ; ACEIRX PHARMACEUTICALS INC ; ACELRX PHARMACEUTICAL INC ; ACELRX PHARMACEUTICALS INC ; TZANNIS STELIOS

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Agent(s): GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; HOFFMANN EITLE; HALEY STEPHEN; GILL JENNINGS AND EVERY LLP; COOLEY UK LLP; CARPINTERO MARIO; DE ELZABURU ALBERTO; DLA PIPER US LLP; WEAVER AUSTIN VILLENUVE AND SAMPSON LLP ATTN ACELRX; MCDONNELL BOEHNEN HULBERT AND BERGHOF LLP; MCDONNELL BOEHNEN HULBERT AND BERGHOF LLP/ACELRX; MCDONNELL BOEHNEN HULBERT AND BERGHOF LLP ACELRX; COOLEY LLP; JUDGE LINDA ET AL; HALIDAY EMILY M ET AL

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

Title: METHODS AND APPARATUS FOR SCLEROSING THE WALL OF A VARICOSE VEIN

Abstract: A preferred apparatus for delivering an intravascular drug such as a sclerosing agent (or a microfoam sclerosing agent) to a varicose vein includes a catheter having three concentric tubes. The innermost tube has a guide wire lumen and an inflation lumen. The distal end of the innermost tube has an integral inflatable occlusion balloon in fluid communication with the inflation lumen. The intermediate tube has a lumen through which the innermost tube extends. The distal end of the intermediate tube has a self-expanding balloon with a plurality of fluid pores in fluid communication with the intermediate tube lumen. The outer tube has a lumen through which the intermediate tube extends. Sclerosing agent is dispensed through the intermediate tube to pores located at the distal end of the intermediate tube or in the self-expanding balloon. Veins are sclerosed as the self-expanding balloon is pulled through and ultimately out of the vein.

Classifications:

International (IPC 8-9): A61B17/22 A61F2/00 A61F2/958 A61M25/00 A61M25/10 A61M29/00 A61M31/00 A61M39/00 A61M5/00 A61M5/145 A61M5/168 (Advanced/Invention); A61M25/00 A61M29/00 A61M31/00 A61M5/00 (Core/Invention)

International (IPC 1-7): A61B17/22 A61B18/18 A61B18/20 A61F2/00 A61M25/00 A61M25/10 A61M29/00 A61M31/00 A61M5/00 A71F

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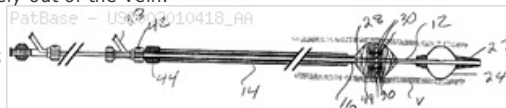
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K61M25/10Z3 K61M25/10Z4

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606/194 606/213 606/213S 606/32 606/32P 606/33 606/33S



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: LARY RESEARCH AND DEVELOPMENT LLC

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LEONARD ; SCOTT L JAHRMARKT ; SLATER CHARLES R ; SMITH KEVIN W ; SMITH SCOTT T ; TERMIN
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Inventor(s):

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Agent(s):

HALFORDS IP; PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK
ATTORNEYS PTY LTD; SMART AND BIGGAR; KNOBBE MARTENS OLSON AND BEAR LLP; GORDON AND
JACOBSON PC

Designated states:

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

Title: DEVICE FOR IN VIVO DELIVERY OF BIOACTIVE AGENTS AND METHOD OF MANUFACTURE THEREOF

Abstract: The present invention consists of an implantable structural element for in vivo delivery of bioactive active agents to a situs in a body. The implantable structural element may be configured as an implantable prosthesis, such as an endoluminal stent, cardiac **valve**, osteal implant or the like, which serves a dual function of being prosthetic and a carrier for a bioactive agent. Alternatively, the implantable structural element may simply be an implantable article that serves the single function of acting as a time-release carrier for the bioactive agent.

Classifications:

International (IPC 8-9): A61B17/00 A61B5/00 A61B5/01 A61B5/02 A61B5/0215 A61B5/04 A61B5/05 A61B5/055 A61B5/06 A61B5/07 A61B5/1473 A61B6/12 A61B8/08 A61F2/02 A61F2/04 A61F2/06 A61F2/24 A61F2/28 A61F2/82 A61F2/84 A61F2/86 A61F2/90 A61F2/91 A61F2/915 A61F2/958 A61K9/00 A61L27/00 A61L27/04 A61L27/54 A61L31/00 A61L31/02 A61L31/10 A61L31/16 A61L33/00 A61M1/10 A61M31/00 A61M37/00 A61M5/14 (Advanced/Invention); A61B5/00 A61B5/01 A61B5/0205 A61B5/021 A61B5/0215 A61B5/026 A61B5/145 A61F2/00 A61F2/06 A61F2/07 A61F2/90 A61F2/91 (Advanced/Non-invention); A61F2/02 A61F2/06 A61F2/24 A61F2/28 A61F2/82 A61L27/00 A61L31/00 A61L31/08 A61L31/14 A61M37/00 (Core/Invention); A61F2/00 (Core/Non-invention)

International (IPC 1-7): A61B17/00 A61B5/00 A61B5/06 A61F2/02 A61F2/04 A61F2/06 A61F2/24 A61F2/28 A61L27/00 A61L27/04 A61L27/54 A61L31/00 A61M1/10 A61M29/00 A61M29/02 A61M31/00 A61M37/00

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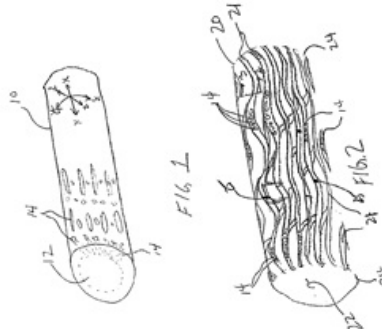
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Family:

Publication number	Publication date	Application number	Application date
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AT538757 E	20120115	AT20020720964T	20020214
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PatBase - US2004024449_AA

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Priority:

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Inventor(s): BOYLE CHRISTOPHER T SAN ANTONIO ; BANAS CHRISTOPHER E SAN ANTONIO ; CHRISTOPHER T BOYLE ; DENES MARTON ; STEVEN R BAILEY ; MARTON DENES SAN ANTONIO ; CHRISTOPHER E BANAS ; BAILEY STEVEN R SAN ANTONIO

Agent(s): FISHER ADAMS KELLY PTY LTD; FISHER ADAMS KELLY CALLINANS; FISHER ADAMS KELLY; BLAKE CASSELS AND GRAYDON LLP; HASELTINE LAKE LLP; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE MBB; REVERZANI CRISTINA; STORZ ULRICH; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE; ROSENBAUM AND ASSOCIATES PC; ROSENBAUM AND SILVERT PC; J PETER; ROSENBAUM IP; DAVID G; ROSENBAUM IP PC

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