

Search strategy

Query

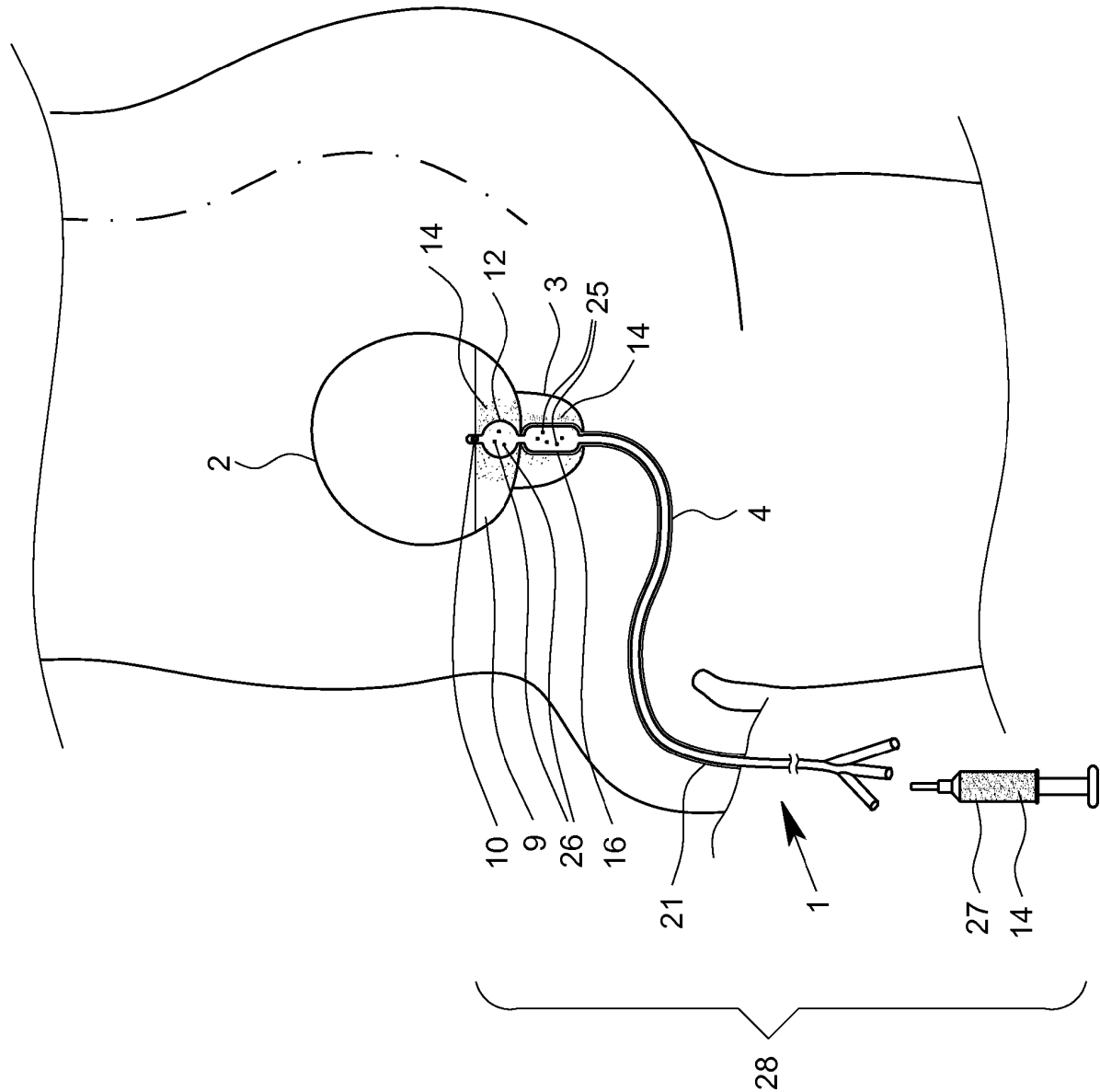
(CATHETER AND BLADDER AND PERFORATION)/TI/AB/TX

16 Documents

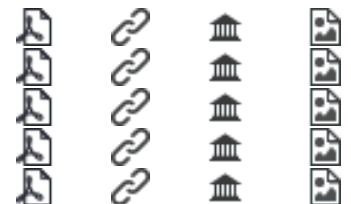
Publication numbers	Title	Current assignees
EP2919846 A1	Catheter , in particular for treating the prostate and/or bladder , and kit containing said catheter	OTTO ULLRICH
EP3349641 A1	Adapter, process and use for instillation of agents into the bladder through the urethra without catheter	LOVASZ SANDOR, ...
EP1641510 A1	Urinary catheter set	TELEFLEX MEDICAL
EP3325076 A2	Ureteral and bladder catheters and methods for inducing negative pressure to increase renal perfusion	STRATACA SYSTEMS
WO2018200050 A1	Systems, Kits and Methods for Inducing Negative Pressure to Increase Renal Function	STRATACA SYSTEMS
WO2016100901 A1	Urinary catheter for facilitating control of bladder content volume and methods for use thereof	MEMORIAL SLOAN KETTERING CANCER CENTER
EP2882336 A1	Catheter systems for puncturing through a tissue structure	UNIVERSITY OF IOWA RESEARCH FOUNDATION
DE3532859 A1	Catheter for the urinary bladder	KENDALL
EP1743365 A2	Cystotomy catheter capture device	SWAN VALLEY MEDICAL
EP-980691 A1	Puncturing balloon catheter and medical tube introduction implement using the catheter	SUMITOMO BAKELITE
CN105125681 A	Traditional Chinese medicine composition for treating kidney deficiency, liver depression and dampness-heat type overactive bladder related to indwelling catheter after prostatic hyperplasia surgery	JINAN BANGWEN MEDICINE SCIENCE & TECHNOLOGY
EP1761189 A2	Inductor for catheter	ST JUDE MEDICAL INTERNATIONAL HOLDING
CN105125679 A	Traditional Chinese medicine composition for treating kidney deficiency and dampness-heat type overactive bladder related to indwelling catheter after prostatic hyperplasia surgery	JINAN BANGWEN MEDICINE SCIENCE & TECHNOLOGY
EP3411106 A1	Catheter assembly with distinct inflation and drug delivery channels and overlapping balloon layers	PATIENT SHIELD CONCEPTS
EP2768567 A1	Catheter with removable cannula for puncturing a body cavity and cannula for the use with a catheter which can be moved in the cannula	BRAUN MEDICAL
EP1011791 A1	Electroporation and iontophoresis catheter with porous balloon	GENETRONICS

Images

Fig. 1



EP2919846	B1	2019-04-10	EP2919846
EP2919846	A1	2015-09-23	EP2919846
WO2014/131742	A1	2014-09-04	WO2014131742
DE102013003517	A1	2014-08-28	DE102013003517
DE202013001998	U1	2014-04-24	DE202013001998



The invention relates to a **catheter**, in particular an indwelling **catheter**, which is preferably suitable for treating dysfunctions

or diseases of the prostate and optionally of the **bladder**, in particular for medicinally and/or physically treating the prostate and optionally the **bladder**, preferably in connection with or after a transurethral resection or vaporization of the prostate, in connection with a benign prostatic hyperplasia, or in connection with or after a radiation therapy of a prostate carcinoma, and a kit containing said **catheter** (kit of parts or set).

Inventors

OTTO ULLRICH

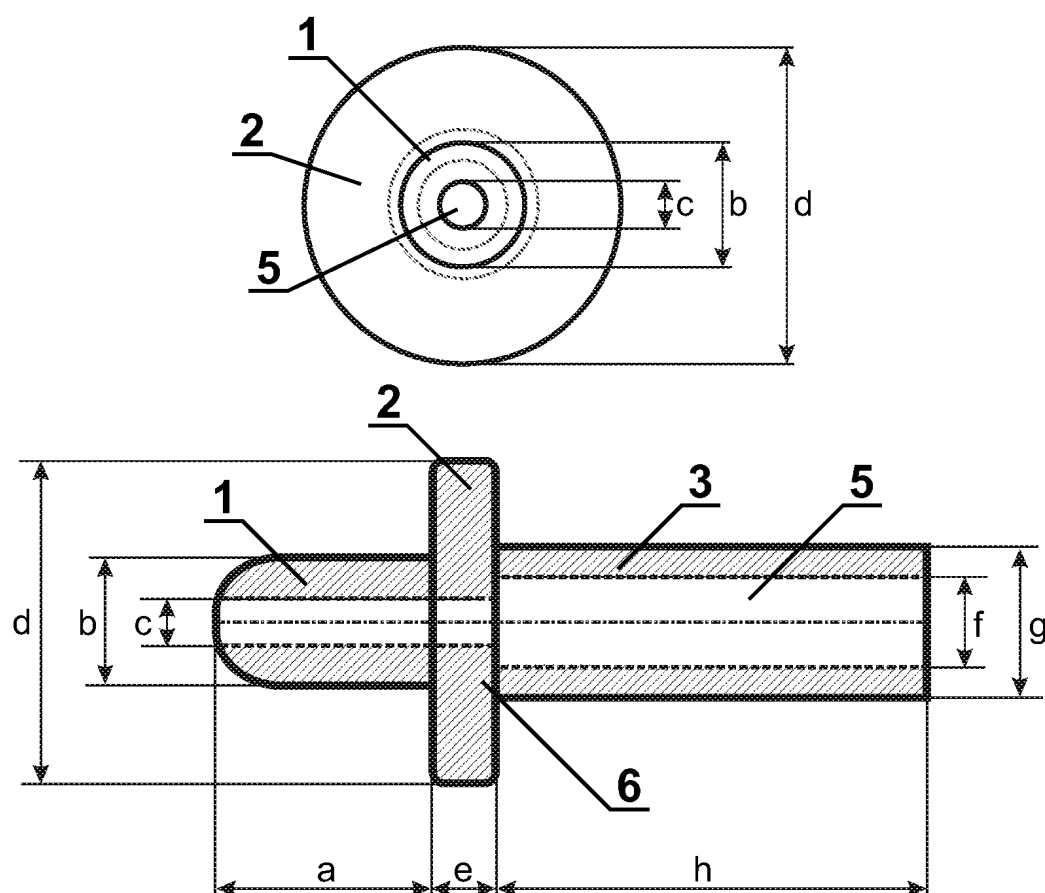
Latest standardized assignees - inventors removed

OTTO ULLRICH

Family 2/16 - FAMPAT - ©Questel

Title

(EP3349641)

Adapter, process and use for instillation of agents into the **bladder** through the urethra without **catheter****Images****Publication numbers with kind code & date**

ZA201802337	B	2019-05-29	ZA201802337
MX2018003265	A	2018-11-09	MX2018003265
BR112018005301	A2	2018-10-09	BR112018005301
KR20180109843	A	2018-10-08	KR20180109843
CN108601517	A	2018-09-28	CN108601517
CO2018003987	A2	2018-09-20	CO2018003987
JP2018527131	A	2018-09-20	JP2018527131
EP3349641	A1	2018-07-25	EP3349641
IN201837013968	A	2018-06-08	IN201837013968
IL258172	A	2018-05-31	IL-258172
AU2016322071	A1	2018-05-10	AU2016322071
BR112018005301	A1	2018-04-03	BR112018005301
US20170197033	A1	2017-07-13	US20170197033
WO2017/046621	A4	2017-06-08	WO201746621
CA2998822	A1	2017-03-23	CA2998822
WO2017/046621	A1	2017-03-23	WO201746621

**IPC - International classification**

A61B-001/307; A61M; A61M-003/02; A61M-005/00; A61M-005/30; A61M-005/31; A61M-031/00

Abstract

(EP3349641)

The subject matter of our invention is adapter for ingestion advantageously injection, instillation of active and/or contrast agent advantageously drug solution and/or diagnostic solution painlessly or by reduced pain, without leakage into the urethra or into the urethra and the **bladder** through the external urethral orifice without using **catheter**. The (6) adapter is provided with a (5) central, longitudinal, inner through hole and has a rounded off (1) tip-part to be inserted into the external urethral orifice, a (2) sealing collar and a (3) cylindrical connecting part known connectable to the (4) appropriate part of a dosing device, advantageously to the ISO 594 standard Luer Slip or Luer-Lock tip of a syringe. By the process according to the invention the (6) adapter is connected by known method to the (4) appropriate part of a dosing device containing the active and/or contrast agent, advantageously to the ISO 594 standard Luer Slip or Luer-Lock tip of a syringe, then the active and/or contrast agent is ingested leakage-free into the urethra or into the urethra and the **bladder** through the adapter, then through the external urethral orifice by using overpressure in the dosing device and inserting the (1) tip-part into the external urethral orifice and squeezing the (2) sealing collar in a proper way to the external urethral orifice. Using the adapter and process, **catheter**-free, painless or pain-reduced and leakage-free **bladder** filling, **bladder** rinsing, **bladder** diagnose, advantageously intravesical (**bladder**) instillation can be implemented without using **catheter**. By using the adapter and **catheter**-free process according to the invention, direct local treatment and diagnose of the urethra can be implemented, which is impossible by using **catheter**.

Inventors

LOVÁSZ SÁNDOR

RÉNYI GÁBOR

GIBER JÁNOS

Latest standardized assignees - inventors removed

LOVASZ SANDOR

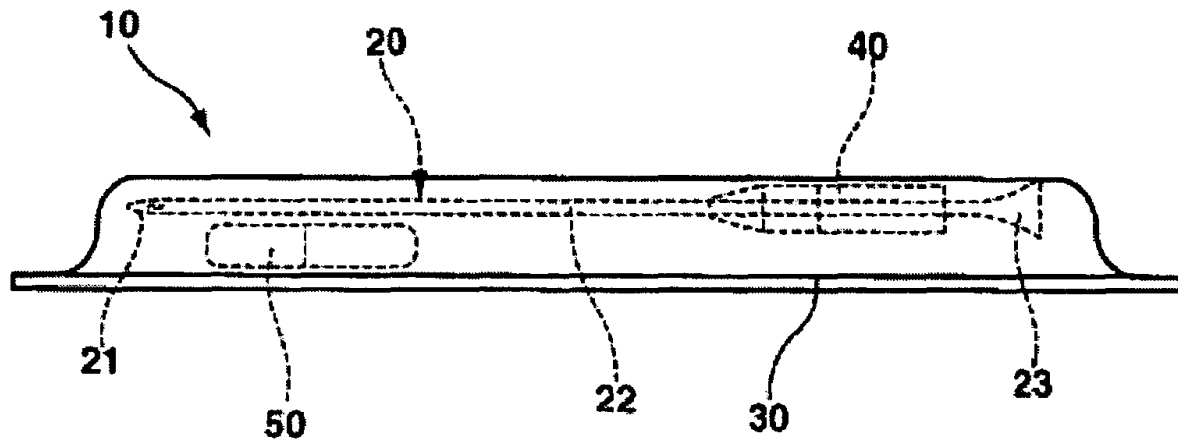
RENYI GABOR

Family 3/16 - FAMPAT - ©Questel

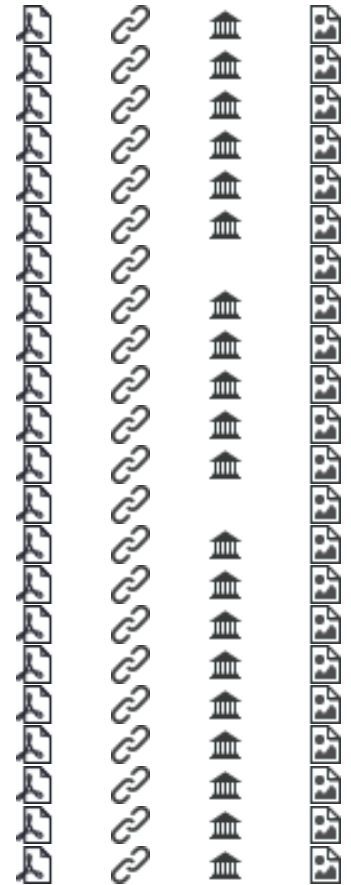
Title

(EP1641510)

Urinary catheter set

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

DK2027881	T4	2017-10-16	DK2027881T
DK1641510	T4	2017-07-24	DK1641510T
EP2027881	B2	2017-07-12	EP2027881
EP1641510	B2	2017-04-19	EP1641510
CA2530222	C	2012-02-07	CA2530222
DK2027881	T3	2011-11-28	DK2027881T
AT530219	T	2011-11-15	ATE530219
EP2027881	B1	2011-10-26	EP2027881
JP4590405	B2	2010-09-17	JP4590405
EP2027881	A1	2009-02-25	EP2027881
DK1641510	T3	2009-02-23	DK1641510T
DE502004008780	D1	2009-02-12	DE502004008780
AT419029	T	2009-01-15	ATE419029
US7476223	B2	2009-01-13	US7476223
EP1641510	B1	2008-12-31	EP1641510
JP2007533331	A	2007-11-22	JP2007533331
EP1641510	A1	2006-04-05	EP1641510
DE10329128	B4	2005-04-28	DE10329128
US20050070882	A1	2005-03-31	US20050070882
DE10329128	A1	2005-02-03	DE10329128
CA2530222	A1	2005-01-20	CA2530222
WO2005/004964	A1	2005-01-20	WO200504964

**IPC - International classification**

A61B-017/06; A61B-019/02; A61M-005/00; A61M-005/32; A61M-025/00; A61M-025/01; A61M-025/04; B65D-001/34; B65D-081/24; B65D-083/10

Abstract

(EP1641510)

Disclosed is a urinary catheter set comprising a urinary catheter that is disposed in a sterile package and is provided with a catheter shaft, a catheter tip, and a preferably funnel-shaped end located on the reservoir side. A collar which is provided in the package is preferably arranged so as to be movable along the catheter shaft.

Inventors

MCBRIDE BARRY

Latest standardized assignees - inventors removed

TELEFLEX MEDICAL

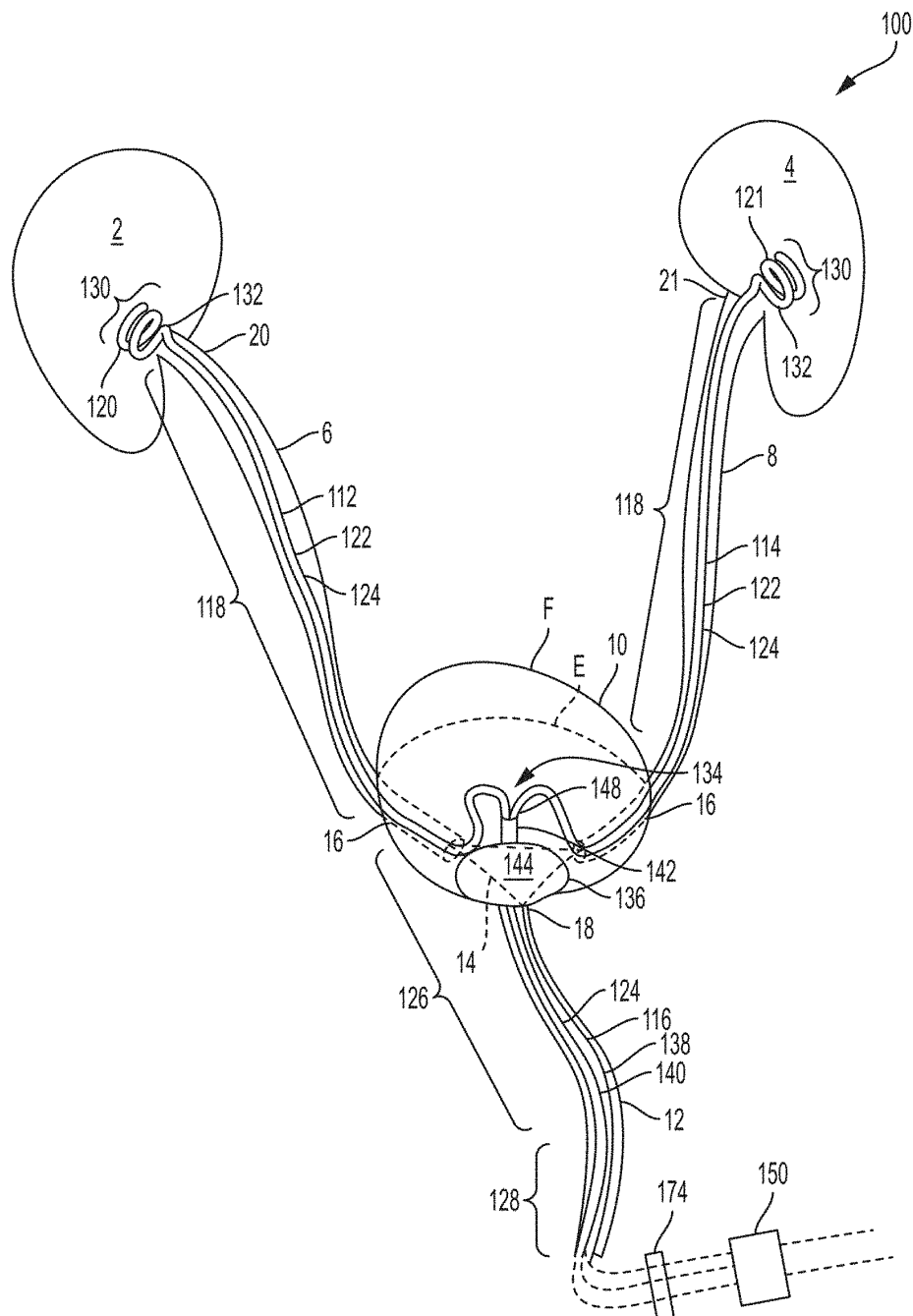
Family 4/16 - FAMPAT - ©Questel

Title

(EP3325078)

Ureteral and bladder catheters and methods for inducing negative pressure to increase renal perfusion

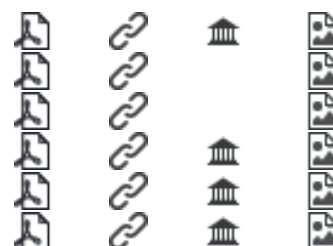
Images



Publication numbers with kind code & date

US10512713	B2	2019-12-24
RU2018106087	A3	2019-12-17
RU2018106090	A3	2019-12-17
EP3570750	A1	2019-11-27
AU2018204502	B2	2019-09-12
AU2019219742	A1	2019-09-05

US10512713
RU2018106087
RU2018106090
EP3570750
AU2018204502
AU2019219742



AU2019219742	A1	2019-09-05	AU2019219742				
RU2018106087	A	2019-08-20	RU2018106087				
RU2018106090	A	2019-08-20	RU2018106090				
US20190247613	A1	2019-08-15	US20190247613				
CA2992322	C	2019-08-13	CA2992322				
EP3479867	A3	2019-07-31	EP3479867				
US10307564	B2	2019-06-04	US10307564				
EP3479867	A2	2019-05-08	EP3479867				
EP3325076	A4	2019-05-01	EP3325076				
EP3470107	A1	2019-04-17	EP3470107				
JP2019055268	A	2019-04-11	JP2019055268				
RU2019101907	A	2019-04-01	RU2019101907				
RU2019101908	A	2019-03-05	RU2019101908				
WO2019/038732	A1	2019-02-28	WO201938732				
WO2019/038734	A1	2019-02-28	WO201938734				
JP6450886	B2	2019-01-09	JP6450886				
JP2018196754	A	2018-12-13	JP2018196754				
US20180353726	A1	2018-12-13	US20180353726				
US20180326179	A1	2018-11-15	US20180326179				
JP2018527974	A	2018-09-27	JP2018527974				
JP2018527061	A	2018-09-20	JP2018527061				
US20180264226	A1	2018-09-20	US20180264226				
BR112018001110	A2	2018-09-11	BR112018001110				
BR112018001111	A2	2018-09-11	BR112018001111				
EP3325078	A4	2018-08-08	EP3325078				
WO2018/136603	A1	2018-07-26	WO2018136603				
CL2018000153	A1	2018-07-20	CL2018000153				
AU2016296866	B2	2018-07-19	AU2016296866				
JP2018110903	A	2018-07-19	JP2018110903				
CL2018000154	A1	2018-07-13	CL2018000154				
AU2018204502	A1	2018-07-12	AU2018204502				
US20180193618	A1	2018-07-12	US20180193618				
CO2018000577	A2	2018-06-12	CO2018000577				
CO2018000580	A2	2018-06-12	CO2018000580				
CN108136157	A	2018-06-08	CN108136157				
CN108136163	A	2018-06-08	CN108136163				
US20180147387	A1	2018-05-31	US20180147387				
US20180147388	A1	2018-05-31	US20180147388				
EP3325076	A2	2018-05-30	EP3325076				
EP3325078	A2	2018-05-30	EP3325078				
MX2018000823	A	2018-05-15	MX2018000823				
MX2018000824	A	2018-05-04	MX2018000824				
BR112018001110	A1	2018-03-20	BR112018001110				
BR112018001111	A1	2018-03-20	BR112018001111				
IN201847002271	A	2018-02-09	IN201847002271				
IN201847002193	A	2018-02-02	IN201847002193				
AU2016296860	A1	2018-02-01	AU2016296860				
AU2016296866	A1	2018-02-01	AU2016296866				
US20170348507	A1	2017-12-07	US20170348507				
US20170348512	A1	2017-12-07	US20170348512				
US20170333672	A1	2017-11-23	US20170333672				
US9744331	B2	2017-08-29	US9744331				

US20170128639	A1	2017-05-11	US20170128639				
WO2017/015345	A3	2017-03-16	WO201715345				
WO2017/015351	A3	2017-03-16	WO201715351				
CA2992322	A1	2017-01-26	CA2992322				
CA2992546	A1	2017-01-26	CA2992546				
CA3032266	A1	2017-01-26	CA3032266				
US20170021128	A1	2017-01-26	US20170021128				
US20170021129	A1	2017-01-26	US20170021129				
WO2017/015345	A2	2017-01-26	WO201715345				
WO2017/015351	A2	2017-01-26	WO201715351				

IPC - International classification

A61B-005/20; A61F-002/04; A61F-013/15; A61F-013/20; A61M-001/00; A61M-025/00; A61M-025/01; A61M-025/02; A61M-025/04; A61M-025/10; A61M-027/00; A61M-039/12

Abstract

(EP3325078)

Ureteral catheters and assemblies provided including: a drainage lumen including a proximal portion configured to be positioned in at least a portion of a patient's urethra and a distal portion configured to be positioned in a patient's ureter and/or kidney, the distal portion including a coiled retention portion including at least a first coil having a first diameter and a second coil having a second diameter, the first diameter being less than the second diameter; or wherein the retention portion extends radially outwardly from a portion of the distal end of the drainage lumen portion, the retention portion including a proximal end having a first diameter, a distal end having a second diameter, and a wall and/or surface extending there between, the retention portion having a second diameter is greater than the first diameter when deployed; or wherein the retention portion includes a plurality of drainage tubes.

Inventors

ERBEY JOHN R II

UPPERCO JACOB L

FISHER MICHAEL ALLEN

STRANE PATRICK WILLIAM

BLACK LANCE MICHAEL

Latest standardized assignees - inventors removed

STRATACA SYSTEMS

WO2018/200051	A8	2018-12-27	WO2018200051				
WO2018/200050	A1	2018-11-01	WO2018200050				
WO2018/200051	A1	2018-11-01	WO2018200051				
WO2018/200052	A1	2018-11-01	WO2018200052				
WO2018/200643	A1	2018-11-01	WO2018200643				

IPC - International classification

A61F-002/04; A61F-002/82; A61F-005/44; A61M-025/00; A61M-025/01; A61M-025/04; A61M-025/10; A61M-025/14; A61M-025/18; A61M-027/00; A61M-039/12

Abstract

(WO2018/200050)

A method for removing fluid from a patient is provided, the method including: deploying a ureteral stent or ureteral **catheter** into a ureter of a patient to maintain patency of fluid flow between a kidney and a **bladder** of the patient; deploying a **bladder catheter** into the **bladder** of the patient, wherein the **bladder catheter** comprises a distal end configured to be positioned in a patient's **bladder**, a drainage lumen portion having a proximal end, and a sidewall extending therebetween; and applying negative pressure to the proximal end of the **bladder catheter** to induce negative pressure in a portion of the urinary tract of the patient to remove fluid from the patient. Systems and kits related thereto also are provided.

Inventors

ERBEY JOHN

UPPERCO JACOB

ORR DAVID

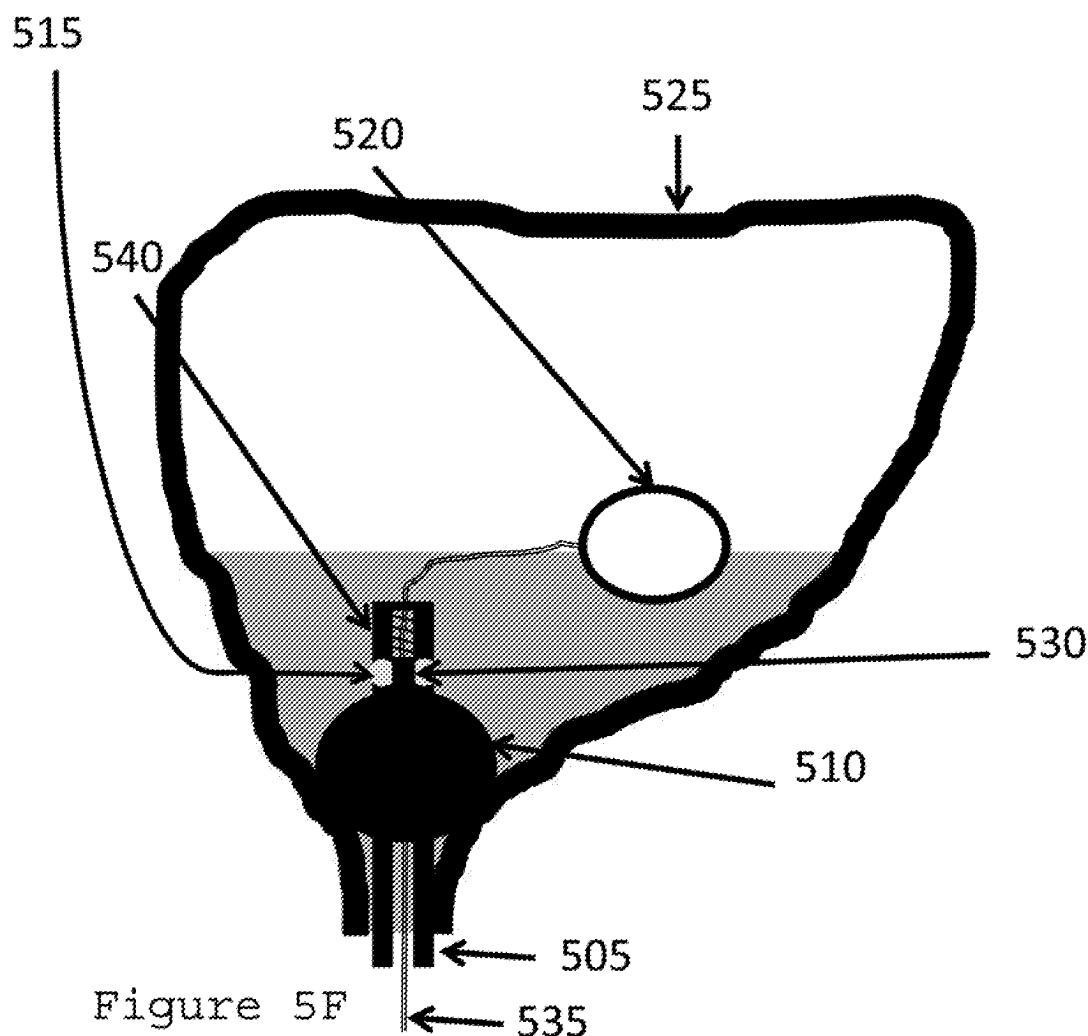
Latest standardized assignees - inventors removed

STRATACA SYSTEMS

Family 6/16 - FAMPAT - ©Questel

Title

(WO2016100901)

Urinary **catheter** for facilitating control of **bladder** content volume and methods for use thereof**Images****Publication numbers with kind code & date**[WO2016/100901](#)

A1 2016-06-23

WO2016100901

**IPC - International classification**

A61F-002/00; A61F-005/453; A61F-005/455; A61M-025/10

Abstract

(WO2016/100901)

An exemplary **catheter** can be provided which can include, for example, a first inflation arrangement configured, in operation, to substantially seal and/or anchor the **catheter** inside the **bladder** when inflated, a second inflation arrangement configured, in operation, to substantially float in urine when inflated, wherein the second arrangement can be located at a predetermined distance from the first inflation arrangement, and an aperture provided between the first inflation arrangement and the second inflation arrangement, where the first and second arrangements can cause the aperture to be (i) open when the second inflation arrangement can be located at a first position relative to the first inflation arrangement, and (ii) closed when the second inflation arrangement can be located at a second position relative to the first inflation arrangement, and where the second position can be different than the first position.

Inventors

NASSER NICOLA J

ZELEFSKY MICHAEL J

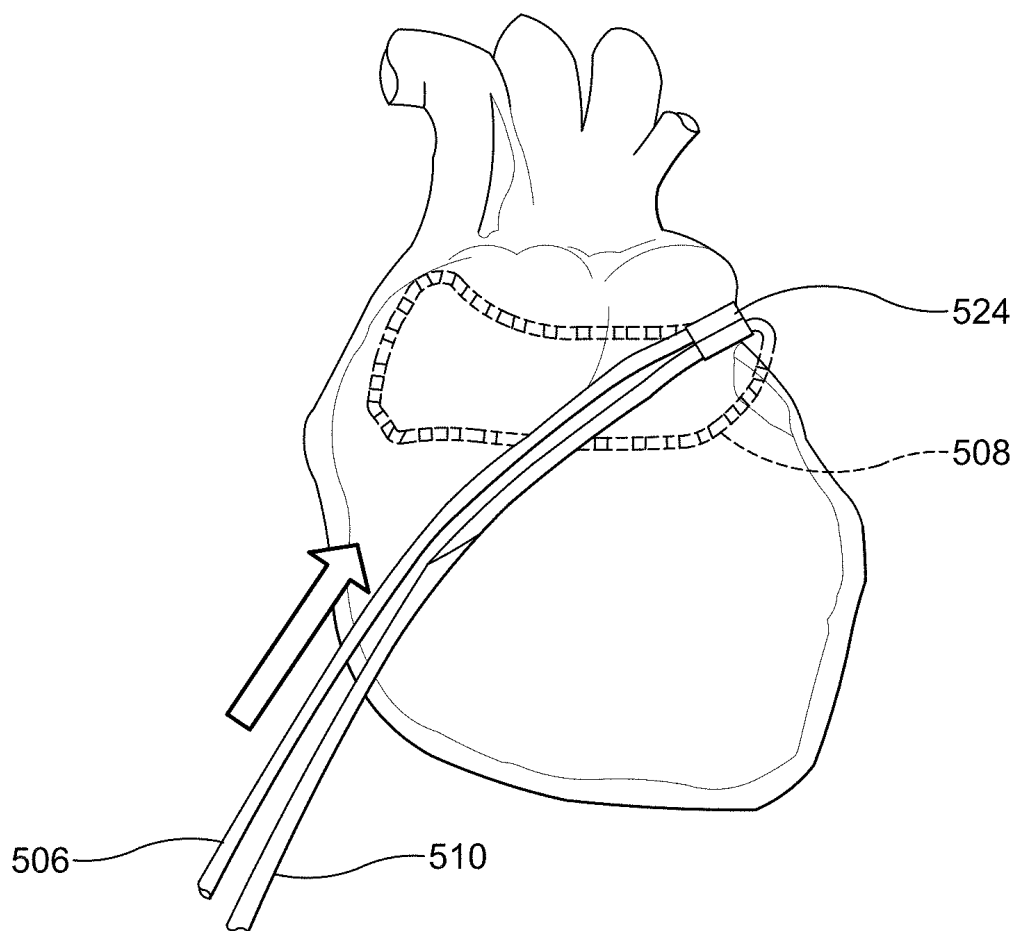
Latest standardized assignees - inventors removed

MEMORIAL SLOAN KETTERING CANCER CENTER

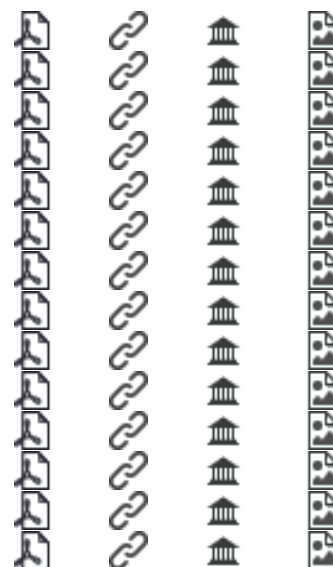
Family 7/16 - FAMPAT - ©Questel

Title

(EP2882336)

Catheter systems for puncturing through a tissue structure**Images****Publication numbers with kind code & date**

EP2882336	B1	2019-06-26	EP2882336
US20180200497	A1	2018-07-19	US20180200497
JP2018089431	A	2018-06-14	JP2018089431
US20180093088	A1	2018-04-05	US20180093088
JP6301926	B2	2018-03-28	JP6301926
US9861802	B2	2018-01-09	US9861802
US9724170	B2	2017-08-08	US9724170
US20170151029	A1	2017-06-01	US20170151029
EP2882336	A4	2016-08-10	EP2882336
JP2015532604	A	2015-11-12	JP2015532604
US20150182740	A1	2015-07-02	US20150182740
EP2882336	A1	2015-06-17	EP2882336
CA2881462	A1	2014-02-13	CA2881462
WO2014/025394	A1	2014-02-13	WO201425394

**IPC - International classification**

A61B-005/00; A61B-005/0402; A61B-005/0408; A61B-005/0478; A61B-005/0492; A61B-005/05; A61B-005/053; A61B-006/00; A61B-006/12; A61B-017/00; A61B-017/22; A61B-017/34; A61B-018/00; A61B-018/02; A61B-018/12; A61B-018/14; A61B-018/18; A61B-018/20; A61B-034/00; A61M-025/00; A61M-025/01; A61M-025/06; A61M-025/09; A61M-025/095; A61M-039/10

Abstract

(EP2882336)

A percutaneous catheter system for use within the human body and an ablation catheter for ablating a selected tissue region within the body of a subject. The percutaneous catheter system can include two catheters that are operatively coupled to one another by magnetic coupling through a tissue structure. The ablation catheter can include electrodes positioned within a central portion. The ablation catheter is positioned such that the central portion of a flexible shaft at least partially surrounds the selected tissue region. Each electrode of the ablation catheter can be activated independently to apply ablative energy to the selected tissue region. The ablation catheter can employ high impedance structures to change the current density at specific points. Methods of puncturing through a tissue structure using the percutaneous catheter system are disclosed. Also disclosed are methods for ablating a selected tissue region using the ablation catheter.

Inventors

MICKELSEN STEVEN RICHARD

Latest standardized assignees - inventors removed

UNIVERSITY OF IOWA RESEARCH FOUNDATION

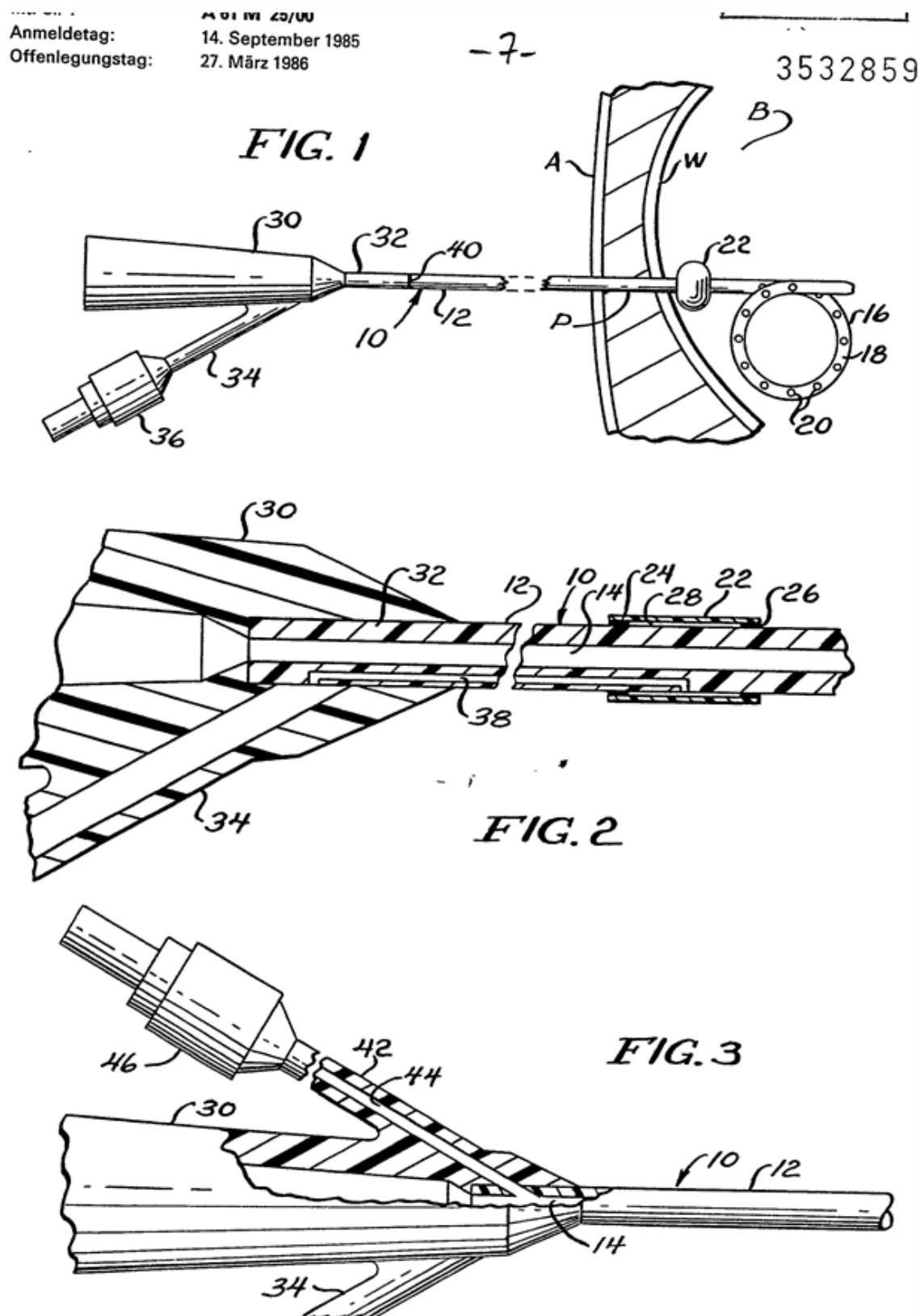
Family 8/16 - FAMPAT - ©Questel

Title

(DE3532859)

Catheter for the urinary bladder

Images



Publication numbers with kind code & date

DE3532859	C2	1989-09-21	DE3532859
DE3532859	A1	1986-03-27	DE3532859

IPC - International classification

A61F-002/958



Abstract

(DE3532859)

The invention relates to a catheter for the urinary bladder which comprises an elongate shaft (12) having an inner channel (14) for drainage, the distal end (18) of which merges into a helical or annular pipe piece (16) with several passage openings connected to the inner channel (14), another channel (38) for the supply of an expansion medium being provided along the shaft (12), an elastic cuff being furthermore fixed on the shaft in annular zones (24, 26) located at a distance from one another in proximal position to the helical or annular pipe piece (16), so that a cavity (28) communicating with the other channel (38) is formed under the cuff.

Inventors

PATEL, BHUPENDRA CHANDULAL, ELGIN, ILL., US

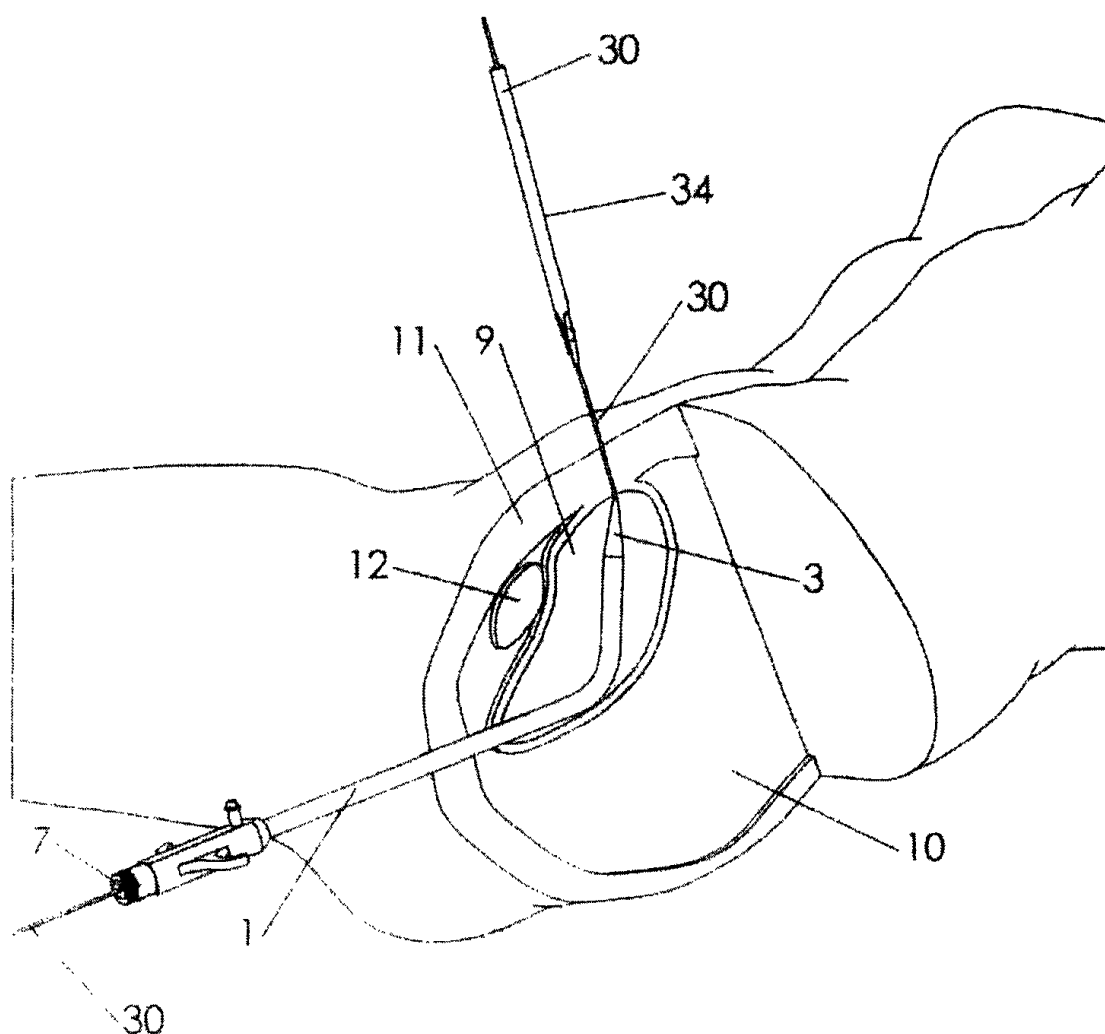
Latest standardized assignees - inventors removed

KENDALL

Family 9/16 - FAMPAT - ©Questel

Title

(EP1743365)

Cystotomy **catheter** capture device**Images****Publication numbers with kind code & date**

EP1743365	B1	2016-04-06	EP1743365
US8303544	B2	2012-11-06	US8303544
JP5028258	B2	2012-06-29	JP5028258
US20110276073	A1	2011-11-10	US20110276073
US8002764	B2	2011-08-23	US8002764
EP1743365	A4	2009-10-21	EP1743365
US20080275463	A1	2008-11-06	US20080275463
RU2006142682	A	2008-06-20	RU2006142682
JP2007535994	A	2007-12-13	JP2007535994
CN101023520	A	2007-08-22	CN101023520
IN3584/KOLNP/2006	A	2007-06-15	IN2006KN03584
WO2005/109487	A3	2007-04-26	WO2005109487
EP1743365	A2	2007-01-17	EP1743365
US20060271065	A1	2006-11-30	US20060271065
WO2005/109487	A2	2005-11-17	WO2005109487
US20050171511	A1	2005-08-04	US20050171511
US20050143690	A1	2005-06-30	US20050143690



IPC - International classification

A61B-017/00; A61B-017/32; A61B-017/34; A61F-002/958; A61F-011/00; A61M-005/00; A61M-005/178; A61M-025/00; A61M-025/04; A61M-025/06; A61M-025/08; A61M-025/09; A61M-027/00; A61M-031/00; H01L-021/4763

Abstract

(EP1743365)

A **catheter** capture device comprising a urethral sound and a sleeve that utilizes balloon inflation to capture the **catheter**. A **catheter** capture device comprising a urethral sound and a clamshell device. A **catheter** capture device comprising a urethral sound, a sleeve and a pin that passes through the lateral holes in the tip of the **catheter**. A **catheter** capture device comprising a urethral sound, a wire and a nodule, wherein the nodule captures the **catheter** by lodging in the tip of the **catheter**. A knife-on-a-wire, trocar-on-a-wire, and screwdriver-on-a-wire. A sound that has been adapted to function as a **catheter** capture device. A **catheter** capture device comprising a lipped or un-lipped sound, obturator and retractable trocar. A method of capturing the **catheter** in obese and non-obese patients.

Inventors

HIGH KENNETH A

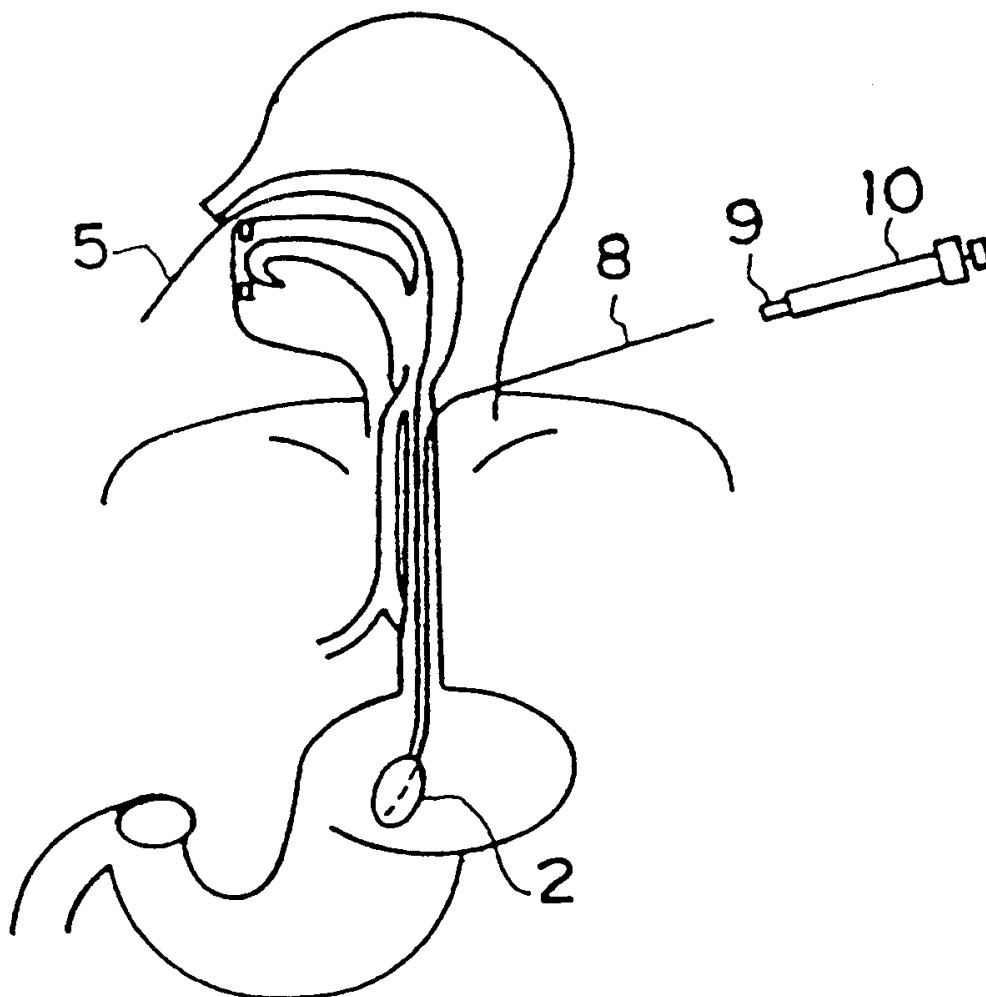
Latest standardized assignees - inventors removed

SWAN VALLEY MEDICAL

Family 10/16 - FAMPAT - ©Questel

Title

(EP-980691)

Puncturing balloon **catheter** and medical tube introduction implement using the **catheter****Images****Publication numbers with kind code & date**

CA2283827	C	2009-02-03	CA2283827
JP3806601	B2	2006-05-19	JP3806601
DE69921746	T2	2005-03-31	DE69921746
DE69921746	D1	2004-12-16	DE69921746
EP0980691	B1	2004-11-10	EP-980691
US6685671	B1	2004-02-03	US6685671
KR100355674	B1	2002-10-11	KR100355674
EP0980691	A4	2001-06-13	EP-980691
KR20000076227	A	2000-12-26	KR20000076227
EP0980691	A1	2000-02-23	EP-980691
CA2283827	A1	1999-07-22	CA2283827
WO99/36120	A1	1999-07-22	WO9936120

**IPC - International classification**

A61F-002/958; A61J-015/00; A61L-029/04; A61L-029/06; A61M-025/00

Abstract

(EP0980691)

The object of the present invention is to provide a medical tube inserting device for ensuring safely and infallibly a route for drainage of digestive juices and infusion of drug solution, enteral nutrition and the like, and more specifically, a balloon **catheter** for puncturing which does not rupture for ensuring safely and infallibly a route for infusion of a enteral nutrition and the like, a tube inserting device containing this **catheter**, and a method for use thereof. According to the present invention, a route for drainage of digestive juices, infusion of a medical solution, enteral nutrition and the like can be percutaneously made safely and surely in all tubular organs (esophagus, stomach, bile duct, pancreatic duct, intestine, urinary duct, urinary **bladder** and the like) by a balloon **catheter** (5) for puncturing equipped with a balloon which does not rupture by puncturing, and an ultrasonic probe (6), a puncturing needle (7), a guide wire (8), a dilator (9), a sheath (10) and an indwelling **catheter** (11). <IMAGE>

Inventors

OISHI HIDETO

SHIBATA MINORU

SAKAGUCHI YUKIHIKO

Latest standardized assignees - inventors removed

SUMITOMO BAKELITE

Family 11/16 - FAMPAT - ©Questel

Title

(CN105125681)

Traditional Chinese medicine composition for treating kidney deficiency, liver depression and dampness-heat type overactive **bladder** related to indwelling **catheter** after prostatic hyperplasia surgery

Publication numbers with kind code & date[CN105125681](#)

A

2015-12-09

CN105125681

**IPC - International classification**

A61K-036/74; A61P-013/10

Abstract

(CN105125681)

The invention belongs to the technical field of medicaments, and particularly relates to a traditional Chinese medicament composition for treating kidney deficiency, liver depression and dampness-heat type overactive **bladder** related to an indwelling **catheter** after a prostatic hyperplasia surgery. The traditional Chinese medicament composition is prepared from the following traditional Chinese medicinal materials in parts by weight: 4 to 8 parts of Balanophora polyandra, 4 to 8 parts of Alectoria asiatica Du Rietz, 4 to 8 parts of Lathyrus davidii, 4 to 8 parts of Dolomiaea berardioidea, 4 to 8 parts of Adiantum reniforme var. sinense, 4 to 8 parts of Coniogramme intermedia Hieron., 4 to 8 parts of Stauntonia latifolia, 4 to 8 parts of Actinidia arguta, 4 to 8 parts of Sedum sarmentosum, 4 to 8 parts of purple cathoclines, 4 to 8 parts of Galium aparine and 4 to 8 parts of Glycyrrhiza uralensis. The traditional Chinese medicament has the effects of nourishing yin and tonifying kidney, soothing liver-qi stagnation and eliminating dampness and heat by combined use of all the medicinal materials, focuses on the pathogenesis of the overactive **bladder** (kidney deficiency, liver depression and dampness-heat type) related to the indwelling **catheter** after the prostatic hyperplasia surgery, has the capability of remarkably improving the symptoms of the overactive **bladder** related to the indwelling **catheter** after the surgery of a prostatic hyperplasia patient and has a remarkable clinical curative effect.

Inventors

ZHANG JIAN

Latest standardized assignees - inventors removed

JINAN BANGWEN MEDICINE SCIENCE & TECHNOLOGY

Family 13/16 - FAMPAT - ©Questel

Title

(CN105125679)

Traditional Chinese medicine composition for treating kidney deficiency and dampness-heat type overactive **bladder** related to indwelling **catheter** after prostatic hyperplasia surgery

Publication numbers with kind code & date[CN105125679](#)

A

2015-12-09

CN105125679

**IPC - International classification**

A61K-036/74; A61P-013/00; A61P-013/02; A61P-013/10

Abstract

(CN105125679)

The invention belongs to the technical field of medicaments, and particularly relates to a traditional Chinese medicament composition for treating kidney deficiency and dampness-heat type overactive **bladder** related to an indwelling **catheter** after a prostatic hyperplasia surgery. The traditional Chinese medicament composition is prepared from the following traditional Chinese medicinal materials in parts by weight: 4 to 8 parts of Balanophora polyandra, 4 to 8 parts of Alectoria asiatica Du Rietz, 4 to 8 parts of Adiantum reniforme var. sinense, 4 to 8 parts of Coniogramme intermedia Hieron., 4 to 8 parts of Actinidia arguta, 4 to 8 parts of Sedum sarmentosum, 4 to 8 parts of purple cathoclines, 4 to 8 parts of Galium aparine and 4 to 8 parts of Glycyrrhiza uralensis. The traditional Chinese medicament has the effects of nourishing yin and tonifying kidney, and eliminating dampness and heat by combined use of all the medicinal materials, focuses on the pathogenesis of the overactive **bladder** (kidney deficiency and dampness to heat type) related to the indwelling **catheter** after the prostatic hyperplasia surgery, has the capability of remarkably improving the symptoms of the overactive **bladder** related to the indwelling **catheter** after the surgery of a prostatic hyperplasia patient and has a remarkable clinical curative effect.

Inventors

ZHANG JIAN

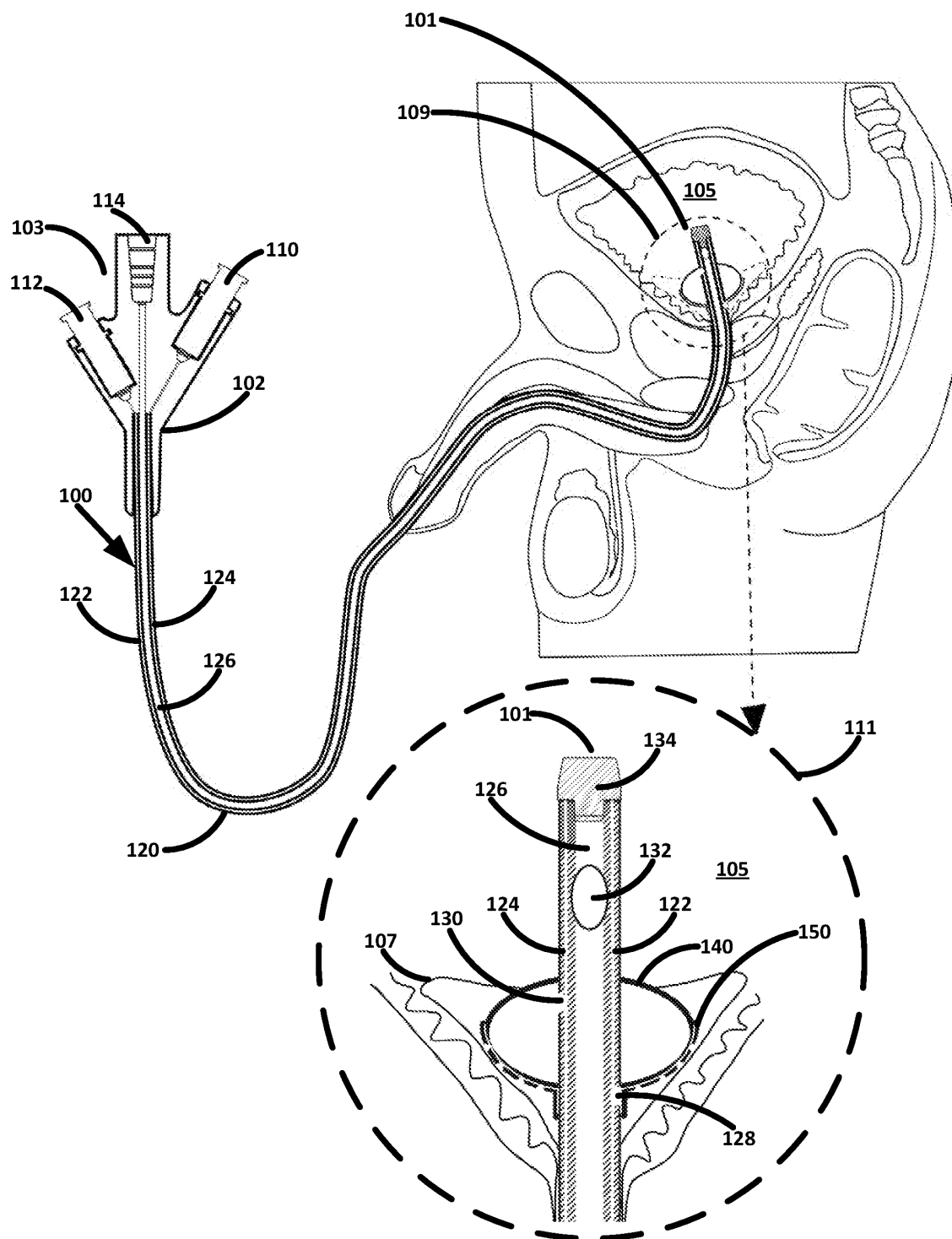
Latest standardized assignees - inventors removed

JINAN BANGWEN MEDICINE SCIENCE & TECHNOLOGY

Family 14/16 - FAMPAT - ©Questel

Title
(EP3411106)
Catheter assembly with distinct inflation and drug delivery channels and overlapping balloon layers

Images



Publication numbers with kind code & date

EP3411106	A4	2019-12-18	EP3411106
US20190030282	A1	2019-01-31	US20190030282
MX2018009400	A	2018-12-19	MX2018009400
EP3411106	A1	2018-12-12	EP3411106
CN108883255	A	2018-11-23	CN108883255
WO2017/135993	A1	2017-08-10	WO2017135993



IPC - International classification

A61B-017/00; A61F-002/00; A61M-025/00; A61M-025/01; A61M-025/04; A61M-025/10; A61M-029/00

Abstract

(EP3411106)

A **catheter** is comprised of a shaft having a distal end and a proximal end, the distal end being the end an end of the **catheter** to be placed within the **bladder**, the proximal end being the end of the **catheter** to be coupled to the inputs outside of the body, the shaft having at least three discrete lumens, the at least three lumens including an inflation lumen, the inflation lumen in fluid communication with an inflation side hole in the shaft. The shaft has a drug delivery lumen, the drug delivery lumen in fluid communication with a drug fluid side hole in the shaft. The shaft has a **bladder** fluid lumen, the **bladder** fluid lumen in fluid communication with a **bladder** drainage aperture in the shaft. The drug delivery lumen, the inflation lumen, and the **bladder** fluid lumen are not in fluid communication.

Inventors

WHITE LYNN

Latest standardized assignees - inventors removed

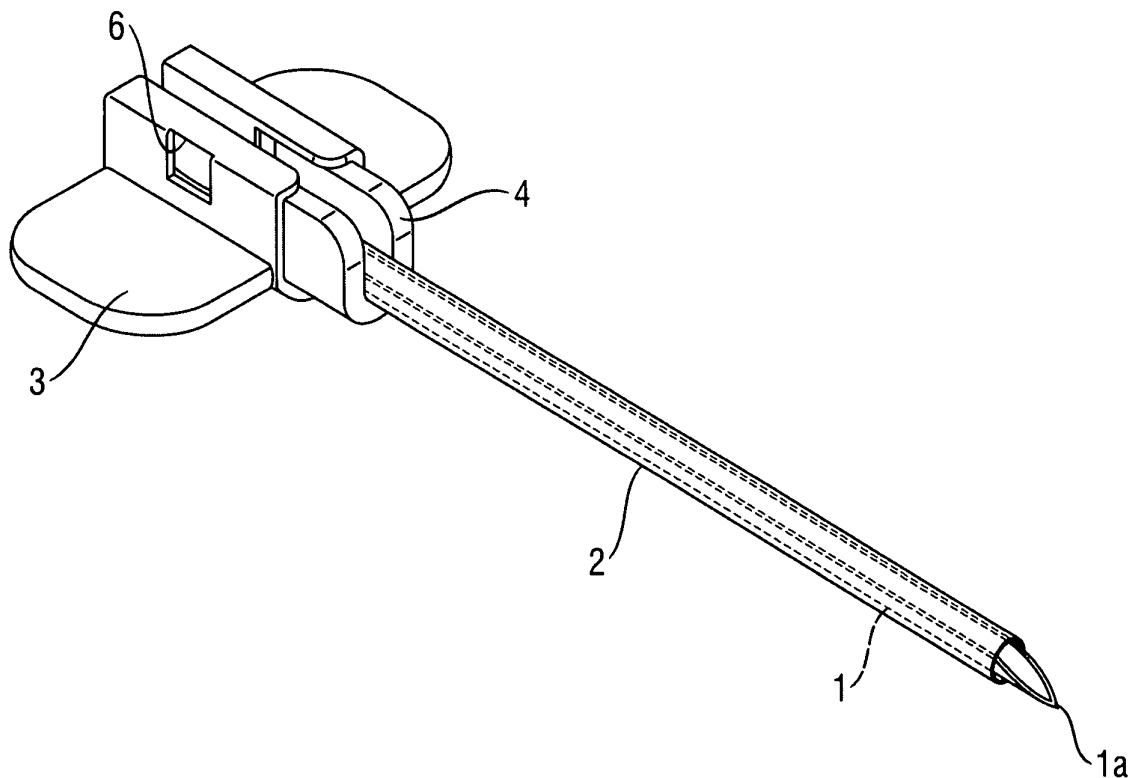
PATIENT SHIELD CONCEPTS

Family 15/16 - FAMPAT - ©Questel

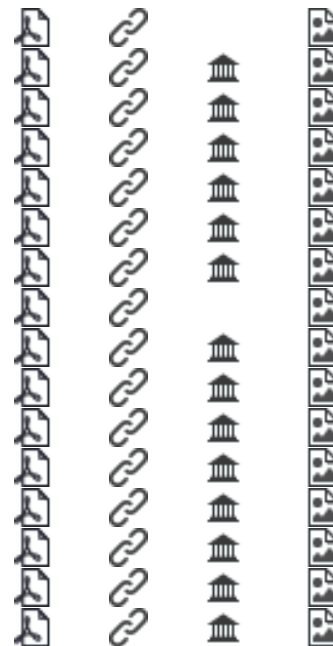
Title

(EP2768567)

Catheter with removable cannula for puncturing a body cavity and cannula for the use with a **catheter** which can be moved in the cannula

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

PL2768567	T3	2019-12-31	PL2768567
DK2768567	T3	2019-08-05	DK2768567T
PT2768567	T	2019-08-05	PT2768567T
EP2768567	B1	2019-05-08	EP2768567
BR112014009816	A2	2017-04-25	BR112014009816
IN3664CHN2014	A	2015-10-16	IN2014CN03664
JP2015509006	A	2015-03-26	JP2015509006
MX2014004800	A	2014-11-21	MX2014004800
US20140336581	A1	2014-11-13	US20140336581
BR112014009816	A1	2014-10-21	BR112014009816
CN104010690	A	2014-08-27	CN104010690
EP2768567	A1	2014-08-27	EP2768567
FR2981575	B1	2014-01-03	FR2981575
CA2853150	A1	2013-05-10	CA2853150
WO2013/064215	A1	2013-05-10	WO201364215
FR2981575	A1	2013-04-26	FR2981575

**IPC - International classification**

A61B-017/34; A61M-025/06

Abstract

(EP2768567)

The aim of the present invention is to provide a **catheter** with a puncturing cannula which may be removed from the **catheter** without risk of injury for the patient and the nursing staff nor risk of damaging the equipment, and whose tip is

protected before as well as after puncturing the body cavity. According to the invention, this object is satisfied by a catheter with removable cannula (1) for puncturing a body cavity, whereas the catheter can be moved freely in the longitudinal direction in the cannula (1). The cannula is characterised in that it is tubular in shape and provided with a longitudinal slot (10) extending over 45° to 180° of the circumference of the cannula (1) and in that it is provided in a tubular sheath (2) so that they can be displaced in the longitudinal direction inside said tubular sheath (2).

Inventors

COLLIN RÉMI

Latest standardized assignees - inventors removed

BRAUN MEDICAL

Family 16/16 - FAMPAT - ©Questel

Title

(EP1011791)

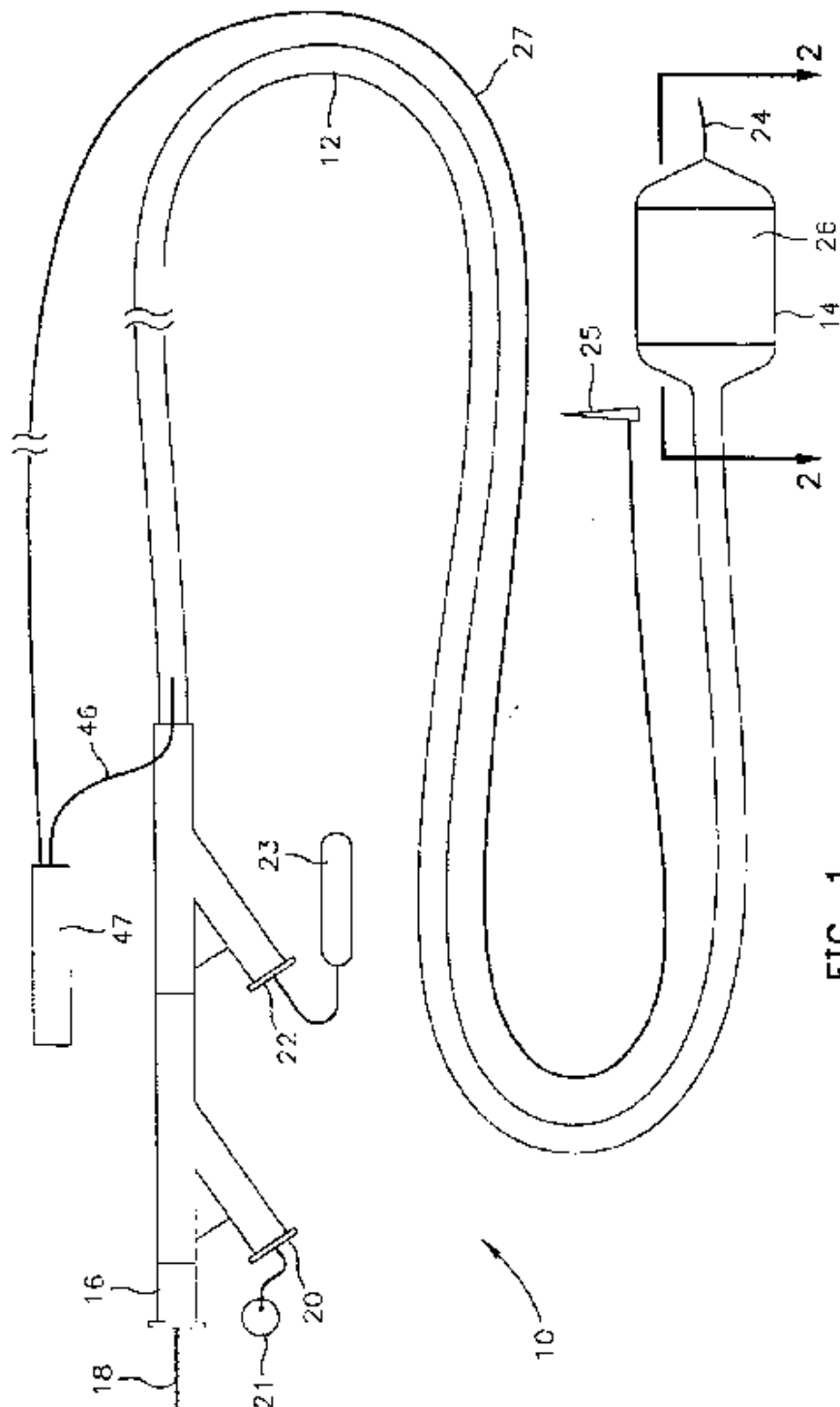
Electroporation and iontophoresis **catheter** with porous balloon**Images**

FIG. 1

Publication numbers with kind code & date

CA2266347	C	2005-12-20	CA2266347
JP3522287	B2	2004-04-26	JP3522287
JP2000508220	A	2000-07-04	JP2000508220
EP1011791	A1	2000-06-28	EP1011791
CA2266347	A1	1998-04-16	CA2266347



[WO98/15318](#)

A1

1998-04-16

WO9815318

[US5704908](#)

A

1998-01-06

US5704908

IPC - International classification

A61N-001/30; A61N-001/32

Abstract

(EP1011791)

An electroporation apparatus for introducing molecules into cells at a selected location within a cavity in the body of a patient, comprises an elongated **catheter** (10) having a proximal end (16) and a distal end (14) and a guide wire extending from the proximal end to the distal end, an inflatable balloon (14) carried by the distal end, the balloon having an inner inflatable **bladder** and an outer perforated **bladder** defining a chamber therebetween, a first electrode (26) on an outer surface of the outer perforated **bladder**, a second electrode (24) spaced from the first electrode, a remote electrode (25), a lumen for delivering a predetermined quantity of a fluid medium carrying preselected molecules into the chamber to be infused into the body cavity at the predetermined location; and a source of power (47) for applying a voltage pulse between selected pairs of the electrodes for transport of the molecules by iontophoresis and/or repeatedly generating electric fields of a predetermined amplitude and duration inducing the walls of a plurality of cells at the predetermined location to be transiently permeable to enable the molecules to enter the cells.

Inventors

HOFMANN GUNTER A

CRANDELL LOIS J

Latest standardized assignees - inventors removed

GENETRONICS