

20 Documents

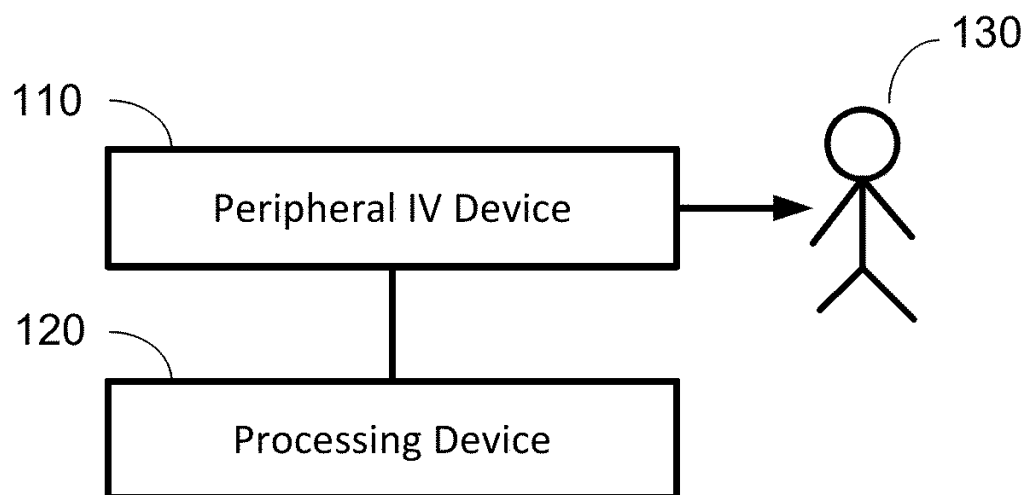
Publication numbers	Title	Current assignees
CA2961195 A1	Intravenous access device detecting intravenous infiltration and in-vein placement	VANDERBILT UNIVERSITY
WO8912228 A1	Apparatus for detecting catheter obstruction and extravasation	GENERAL HOSPITAL
US20050288730 A1	Methods and apparatus for multi-vessel renal neuromodulation	MEDTRONIC ARDIAN LUXEMBOURG
US20080071234 A1	Reduced pressure treatment system having blockage clearing and dual-zone pressure protection capabilities	KCI - KINETIC CONCEPTS
CA2846395 A1	System and method for locating and identifying functional nerves innervating wall of arteries and catheters for same	SYMAP MEDICAL
EP-358429 A2	Multimodal displacement pump and dissolution system for same	BAXTER INTERNATIONAL
CA2825425 A1	System for treatment of body lumens	COVIDIEN
WO200469030 A2	Medical and surgical devices with an integrated sensor	VERIMETRA
IL-120674 A	Thermal treatment apparatus	WIT IP
WO9713471 A1	Apparatus for blocking flow through blood vessels	CORE FITNESS SYSTEM
US20060189973 A1	Microwave device for vascular ablation	WISCONSIN ALUMNI RESEARCH FOUNDATION
US6849063 B1	Thermal treatment apparatus	WIT IP
WO201042461 A1	Apparatus for tissue ablation	SANTA ANNA TECHNOLOGY
CA2926975 A1	Pumping fluid delivery systems and methods using force application assembly	DEKA PRODUCTS
BR0010899 A1	Method and system for providing a copy of a printed page	LIVESCRIBE
US20100137778 A1	Automated blood sampler and analyzer	GIDDINGS DAVID T, ...
WO200678954 A1	Apparatus for acoustic diagnosis of abnormalities in coronary arteries	MEDSCANSONICS
WO2006116572 A2	Liner-based liquid storage and dispensing systems with empty detection capability	ENTEGRIS
EP1319423 A2	Apparatus and method for initiating chemical reactions and for the targeted delivery of drugs or other agents	DORNIER MEDTECH SYSTEM
CA2978042 A1	Improved ionisation of gaseous samples	MICROMASS

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Title

(EP3253432)

Intravenous access device detecting intravenous infiltration and in-vein placement

Images100**Publication data including kind & date**

CA2961195	A1	2016-03-17	CA2961195
US2016073959	A1	2016-03-17	US20160073959
WO2016040947	A1	2016-03-17	WO201640947
CA2975604	A1	2016-08-11	CA2975604
WO2016126856	A1	2016-08-11	WO2016126856
SG11201701987V	A	2017-04-27	SG11201701987V
MX2017003272	A	2017-07-07	MX2017003272
EP3190960	A1	2017-07-19	EP3190960
CN106999061	A	2017-08-01	CN106999061
SG11201706298P	A	2017-09-28	SG11201706298P
CN107257652	A	2017-10-17	CN107257652
JP2017530766	A	2017-10-19	JP2017530766
MX2017010008	A	2017-11-22	MX2017010008
EP3253432	A1	2017-12-13	EP3253432
US2018020935	A1	2018-01-25	US20180020935
JP2018503499	A	2018-02-08	JP2018503499
BR112017005003	A1	2018-04-03	BR112017005003
EP3190960	A4	2018-05-02	EP3190960
BR112017016723	A1	2018-05-29	BR112017016723
BR112017005003	A2	2018-06-05	BR112017005003

**Abstract**

(EP3253432)

Aspects of the invention relates to systems and methods for monitoring an intravenous (IV) line functionality of an IV

device. In one embodiment, the system includes an **IV catheter** to be inserted into the vein of the living subject, at least one **pressure sensor** in **fluid** communication with the **IV catheter** to acquire peripheral venous signals; and a processing device. The processing device receives the peripheral venous signals from the **pressure sensor**, performs a spectral analysis on the peripheral venous signals to obtain a peripheral venous **pressure frequency** spectrum, and then performs a statistical analysis on amplitudes of peaks of the peripheral venous **pressure frequency** spectrum to determine an **IV** line functionality of the **IV catheter** in real time. When the **IV** line functionality indicates **IV** infiltration, the processing device may control the **fluid** controlling device to stop the **fluid** flow from the **fluid** source to the **IV catheter**.

Inventors

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HOCKING KYLE MITCHELL

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BOYER RICHARD

Latest standardized assignees - inventors removed

VANDERBILT UNIVERSITY

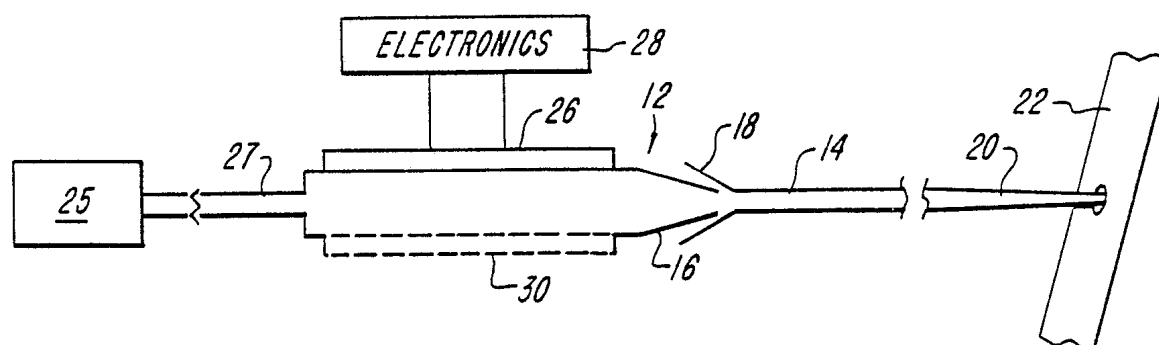
Family 2/20 - FAMPAT - ©Questel

Title

(WO8912228)

Apparatus for detecting **catheter** obstruction and extravasation

Images



Publication data including kind & date

WO8912228	A1	1989-12-14	WO8912228
AU3774189	A	1990-01-05	AU8937741
US5026348	A	1991-06-25	US5026348



Abstract

(WO8912228)

An in-line **fluid** conduit condition analyzer which includes a chamber (12) placed in the conduit flow path (14) and having one wall form a piezoceramic bender (26) that varies the chamber (12) volume (or **pressure**) according to a predetermined waveform or noise spectrum and an associated piezoceramic **pressure** or displacement **sensor** (26, 30). The time derivative of the displacement or the **pressure** are analyzed under computer control to identify conduit abnormalities. In particular application to intravenous **fluid** administration to patients, the system is capable of distinguishing a number of abnormalities including **catheter** obstruction, **catheter** needle out of the vein, **catheter** needle into the vein, as well as **fluid** bubble presence or conduit disconnection.

Inventors

VENEGAS JOSE G

Latest standardized assignees - inventors removed

GENERAL HOSPITAL

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WO2007086965	A3	2008-12-18	WO200786965				
EP2029223	A2	2009-03-04	EP2029223				
WO2008061152	A3	2009-04-30	WO200861152				
CN101443072	A	2009-05-27	CN101443072				
CN101489624	A	2009-07-22	CN101489624				
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US9757193	B2	2017-09-12	US9757193				
US2017326363	A1	2017-11-16	US20170326363				
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US9950161	B2	2018-04-24	US9950161				
US9956410	B2	2018-05-01	US9956410				
US2018116715	A1	2018-05-03	US20180116715				
EP2561903	B1	2018-05-23	EP2561903				

Abstract

(EP3205305)

Methods and apparatus are provided for multi-vessel neuromodulation, e.g., via a pulsed electric field. Such multi-vessel neuromodulation may effectuate irreversible electroporation or electrofusion, necrosis and/or inducement of apoptosis, alteration of gene expression, action potential attenuation or blockade, changes in cytokine up-regulation and other conditions in target neural fibers. In some embodiments, the multi-vessel neuromodulation is applied to neural fibers that contribute to renal function. Such multi-vessel neuromodulation optionally may be performed bilaterally.

Inventors

DEMARAIS DENISE

Latest standardized assignees - inventors removed

MEDTRONIC ARDIAN LUXEMBOURG

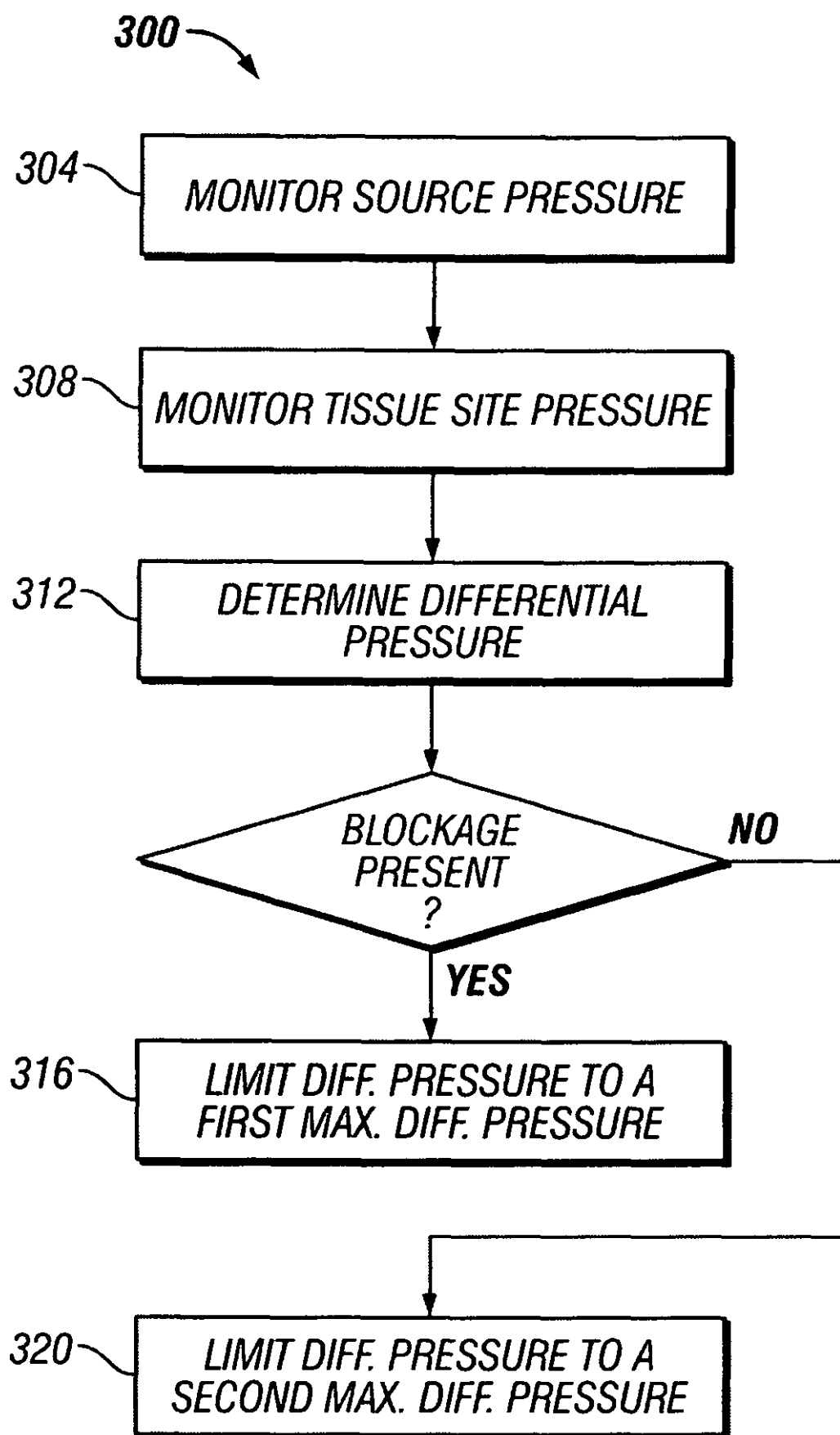
Family 4/20 - FAMPAT - ©Questel

Title

(EP3251706)

Reduced **pressure** treatment system having blockage clearing and dual-zone **pressure** protection capabilities

Images



US2008071235	A1	2008-03-20	US20080071235				
US2008071214	A1	2008-03-20	US20080071214				
US2008071162	A1	2008-03-20	US20080071162				
US2008071216	A1	2008-03-20	US20080071216				
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WO2008036360	A2	2008-03-27	WO200836360				
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US7881776	B2	2011-02-01	US7881776				
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EP2064643	A4	2013-09-04	EP2064643				
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EP2063952	A4	2014-01-08	EP2063952				

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EP2063787	A4	2014-04-02	EP2063787				
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EP2063927	B1	2017-01-11	EP2063927				
US2017007748	A1	2017-01-12	US20170007748				
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EP2063952	B1	2017-02-22	EP2063952				
EP2063826	B1	2017-03-08	EP2063826				
IN283350	B	2017-05-19	IN-283350				
EP3175872	A2	2017-06-07	EP3175872				
EP2063787	B1	2017-07-05	EP2063787				
ES2622830	T3	2017-07-07	ES2622830				
EP2063787	B8	2017-08-16	EP2063787				
EP3216481	A1	2017-09-13	EP3216481				
EP3222300	A1	2017-09-27	EP3222300				
EP3175872	A3	2017-09-27	EP3175872				
ES2642043	T3	2017-11-15	ES2642043				
EP3251706	A1	2017-12-06	EP3251706				
US9844485	B2	2017-12-19	US9844485				
US2018064601	A1	2018-03-08	US20180064601				
US9931268	B2	2018-04-03	US9931268				
US20180168916	A1	2018-06-21	US20180168916				

Abstract

(EP3251706)

A method of treating a tissue site is provided. The method includes applying a reduced **pressure** to a tissue site with a reduced **pressure** source. A source **pressure** is monitored at the reduced **pressure** source, and a differential **pressure** is determined between the source **pressure** and the desired tissue site **pressure**. If a blockage is present between the reduced **pressure** source and the tissue site, the differential **pressure** is limited to a first maximum differential **pressure**. If no

blockage is present between the reduced **pressure** source and the tissue site, the differential **pressure** is limited to a second maximum differential **pressure**.

Inventors

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Latest standardized assignees - inventors removed

KCI - KINETIC CONCEPTS

Family 5/20 - FAMPAT - ©Questel

Title

(EP2747691)

System and method for locating and identifying functional nerves innervating wall of arteries and catheters for same

Images

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AU2012303696	B2	2014-05-29	AU2012303696				
EP2747691	A1	2014-07-02	EP2747691				
US2014194866	A1	2014-07-10	US20140194866				
US2014213873	A1	2014-07-31	US20140213873				
JP2014525814	A	2014-10-02	JP2014525814				
CN103284693	B	2014-12-24	CN103284693B				
IL231127	B	2015-01-29	IL-231127				
US9014821	B2	2015-04-21	US9014821				
US9022948	B2	2015-05-05	US9022948				
EP2747691	A4	2015-08-19	EP2747691				
ZA201402085	B	2015-08-26	ZA201402085				
CN103271766	B	2015-08-26	CN103271766B				
US2015289770	A1	2015-10-15	US20150289770				
US2016081744	A1	2016-03-24	US20160081744				
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RU2015110113	A	2016-12-27	RU2015110113				
US2016374568	A1	2016-12-29	US20160374568				
CN103796604	B	2017-03-01	CN103796604B				
CA3006427	A1	2017-06-08	CA3006427				
WO2017093926	A1	2017-06-08	WO201793926				
US9723998	B2	2017-08-08	US9723998				
JP6188159	B2	2017-08-30	JP6188159				
US2017296265	A1	2017-10-19	US20170296265				
US9820811	B2	2017-11-21	US9820811				
JP2017213393	A	2017-12-07	JP2017213393				
RU2638438	C2	2017-12-13	RU2638438				
CA2846395	C	2018-05-22	CA2846395				
KR101862903	B1	2018-05-30	KR101862903				
AU2016362114	A1	2018-06-07	AU2016362114				

Abstract

(EP2747691)

System and method for locating and identifying nerves innervating the wall of arteries such as the renal artery are disclosed. The present invention identifies areas on vessel walls that are innervated with nerves; provides indication on whether energy is delivered accurately to a targeted nerve; and provides immediate post-procedural assessment of the effect of energy delivered to the nerve. The method includes at least the steps to evaluate a change in physiological parameters after energy is delivered to an arterial wall; and to determine the type of nerve that the energy was directed to (none, sympathetic or parasympathetic) based on the evaluated results. The system includes at least a device for delivering energy to the wall of blood vessel; sensors for detecting physiological signals from a subject; and indicators to display results obtained using said method. Also provided are catheters for performing the mapping and ablating functions.

Inventors

WANG JIE

Latest standardized assignees - inventors removed

SYMAP MEDICAL

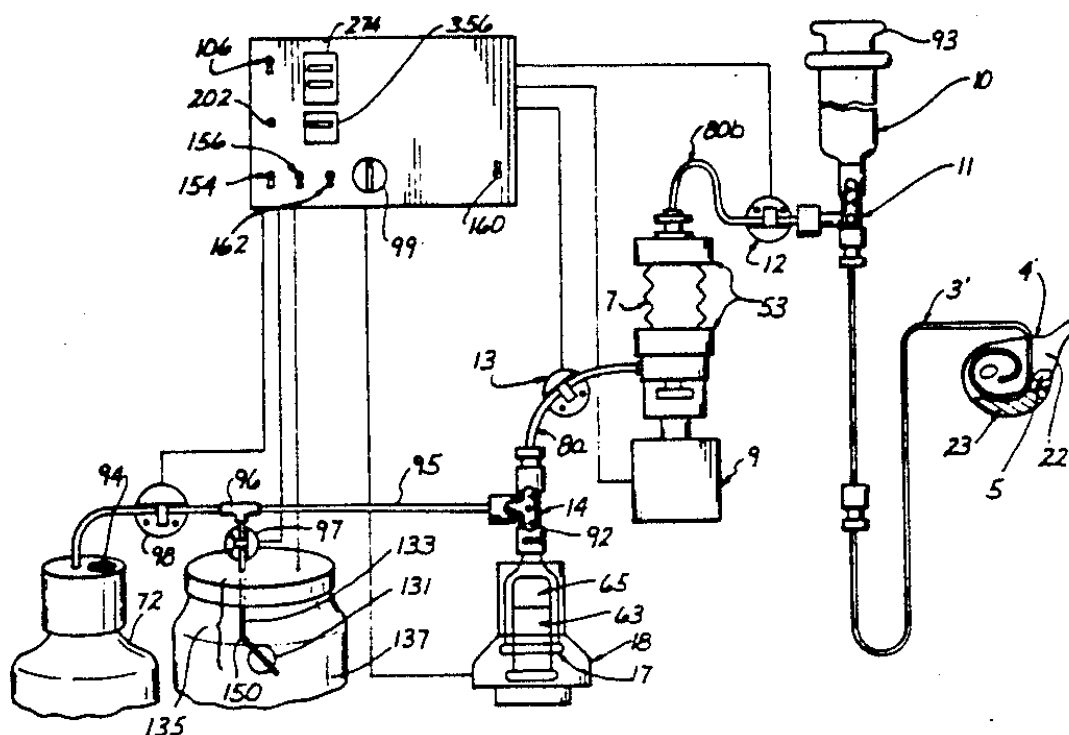
Family 6/20 - FAMPAT - ©Questel

Title

(EP-358429)

Multimodal displacement pump and dissolution system for same

Images



Publication data including kind & date

EP0358429	A2	1990-03-14	EP-358429
JPH02107271	A	1990-04-19	JP02107271
EP0358429	A3	1991-07-24	EP-358429
US5098377	A	1992-03-24	US5098377



Abstract

(EP-358429)

Disclosed is a pneumatically-driven bellows pump (2) apparatus for oscillating liquid into a localized area of the human body, preferably methyl-tertiary butyl ether or another solvent, into the gallbladder (4). The pump (2) includes a **fluid** reservoir in the form of an inverted syringe (16) attached via a stopcock (14) to the bellows. The bellows (7) is attached via a second stopcock (11) to a **catheter** (3) also attached to a priming syringe (10). An inlet pinch valve (13) is disposed between the bellows (7) and the **fluid** reservoir and an outlet pinch valve (12) between the bellows and the **fluid** receiver. To use the pump, a pigtail **catheter** (3) with outlets in the pigtail is inserted into the desired area of the body, preferably a receptacle such as the gallbladder (4), to introduce liquid for gallstone (5) dissolution. Liquid is infused into the receptacle by decompression of the bellows (7) with the inlet (13) but not the outlet (12) valve open and then by compression of the bellows (7) with the outlet (12) but not the inlet (13) valve open. Repeated infusion and aspiration is accomplished by decompression and compression of the bellows (7) with the inlet valve (13) closed and the outlet (12) valve open, or by compression and decompression of the bellows (7) while the inlet valve (13) is open and the outlet valve (12) is closed alternated with compression and decompression while the inlet valve (13) is closed and the outlet valve (12) is open. Complete aspiration is accomplished by the use of a vacuum pump attached to the **fluid** reservoir. Also disclosed are syringe units and a transfer cap for use with the pump (2), together with a method for dissolving gallstones (5).

Inventors

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SORENSEN, JOHN T.

LEBO, ROBERT

STONE, ALBERT L.

HARP, RICHARD

POOL, SCOTT L.

RONDINONE, JOSEPH

WALL, ROXANNE

Latest standardized assignees - inventors removed

BAXTER INTERNATIONAL

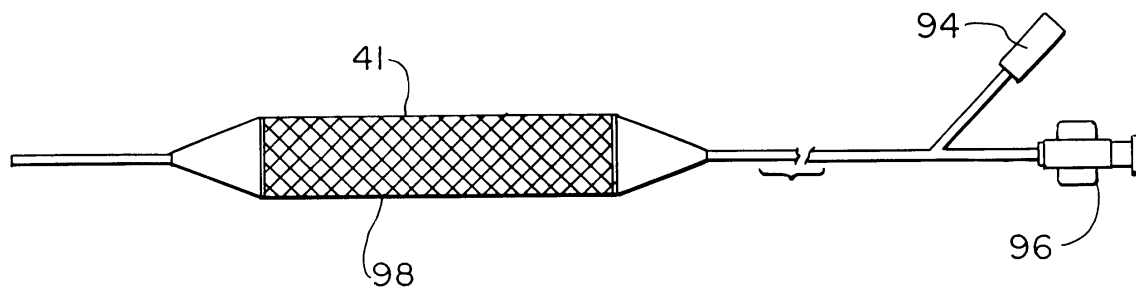
Family 7/20 - FAMPAT - ©Questel

Title

(EP2799027)

System for treatment of body lumens

Images



Publication data including kind & date

CA2825425	A1	2001-05-25	CA2825425
WO200135846	A1	2001-05-25	WO200135846
CA2388861	A1	2001-05-25	CA2388861
AU1617401	A	2001-05-30	AU200116174
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CA2552787	A1	2005-08-04	CA2552787
AU2005206098	A1	2005-08-04	AU2005206098
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US2006095032	A1	2006-05-04	US20060095032
EP1708636	A1	2006-10-11	EP1708636
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WO2007044244	A2	2007-04-19	WO200744244
CA2624792	A1	2007-04-19	CA2624792
AU2006302688	A1	2007-04-19	AU2006302688
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EP2604213	A1	2013-06-19	EP2604213				
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US9555222	B2	2017-01-31	US9555222
US9597147	B2	2017-03-21	US9597147
CA2552787	C	2017-06-27	CA2552787
EP1708636	B1	2017-07-26	EP1708636

**Abstract**

(EP2799027)

A method and apparatus for treating abnormal mucosa in the esophagus is disclosed, such that the depth of the treated tissue is controlled. The depth of ablation is controlled by monitoring the tissue impedance and/or the tissue temperature. A desired ablation depth is also achieved by controlling the energy density or power density, and the amount of time required for energy delivery. A method and apparatus is disclosed for measuring an inner diameter of a body lumen, where a balloon is inflated inside the body lumen at a fixed **pressure**.

Inventors

JACKSON JEROME

STERN ROGER A

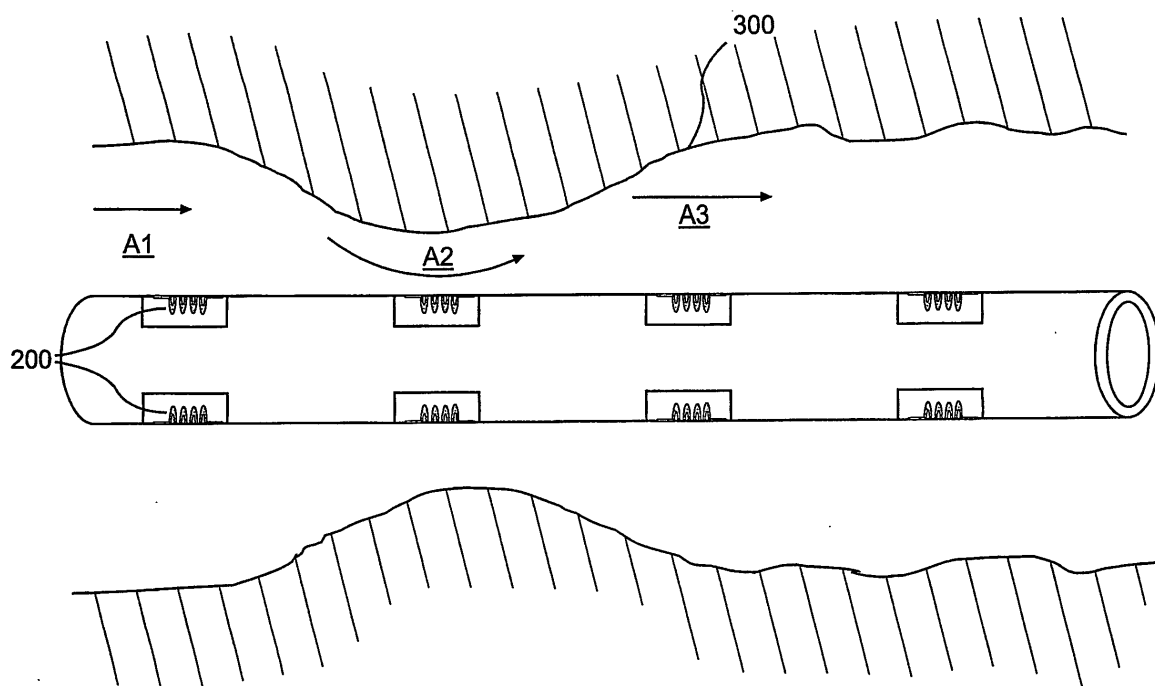
Latest standardized assignees - inventors removed

COVIDIEN

Family 8/20 - FAMPAT - ©Questel

Title

(WO200469030)

Medical and surgical devices with an integrated **sensor****Images****Publication data including kind & date**

WO2004069030	A2	2004-08-19	WO200469030
WO2004069030	A3	2004-12-09	WO200469030
WO2004069030	A8	2005-06-23	WO200469030
US2006235314	A1	2006-10-19	US20060235314

**Abstract**

(WO200469030)

A medical or surgical instrument (30), such as a **catheter**, micro-**catheter**, guide-wire, cannula, blade, and forceps,

comprising one or more sensors (82) to allow measurement of parameters around or within the instrument, and methods for making and using the same, are disclosed. Also disclosed are methods and apparatuses for measuring fluid characteristics, such as blood characteristics, including, for example, velocity, flow direction, and pressure in a vascular system.

Inventors

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PISANO ALBERT P

LIEPMANN DORIAN

LEBOUITZ KYLE

ROGERS JENNIFER

SCHLESINGER MORDECHAY

REBELLO KEITH

Latest standardized assignees - inventors removed

VERIMETRA

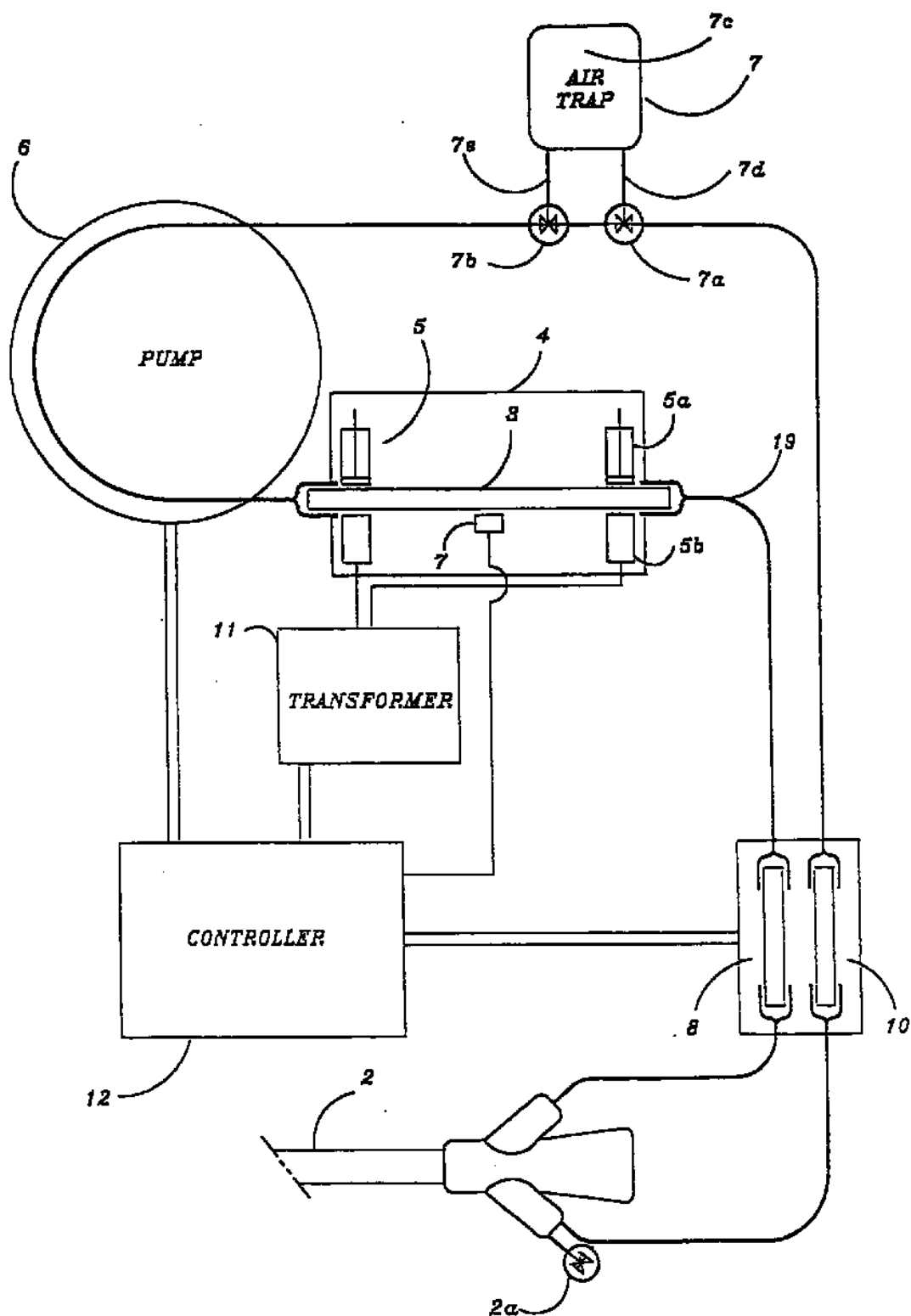
Family 9/20 - FAMPAT - ©Questel

Title

(EP-801938)

Thermal treatment apparatus

Images

**FIG. 1****Publication data including kind & date**

IL120674	A	1997-08-14	IL-120674
EP0801938	A2	1997-10-22	EP-801938
JPH1033582	A	1998-02-10	JP10033582
EP0801938	A3	1999-08-25	EP-801938
IL120674	B	2001-03-19	IL-120674
JP3257586	B2	2002-02-18	JP3257586



EP0801938	B1	2004-06-23	EP-801938
AT269684	T	2004-07-15	ATE269684
DE69729600	D1	2004-07-29	DE69729600
DE69729600	T2	2005-07-14	DE69729600



Abstract

(EP-801938)

A temperature-setting device for providing a predetermined temperature to a quantity of **fluid** circulating therethrough, a thermal treatment apparatus including such device for selectively treating a targeted tissue adjacent a subject's body cavity, and techniques using such thermal treatment apparatus are provided. The temperature-setting device comprises: an electrically conducting tubular element, a housing element for receiving the tubular element; and a transformer electrically connectable to the housing element. The tubular element functions as a resistor and heats the **fluid** circulating therethrough. Alternatively, the housing element comprises a thermal conducting member disposed within a bath of a cooling substance, the thermal conducting member having a recess for receiving the tubular element. The tubular element may alternately be placed in a housing element functioning as a heater and a housing element functioning as a cooler, thereby alternately heating or cooling the **fluid** circulating therethrough. The thermal treatment apparatus comprises: a temperature-setting device according to the present invention; a **catheter** insertable into a subject's body cavity, the **catheter** including a thermal treating section for thermally treating a targeted tissue; a pump; thermal **sensor** assemblies; and an air trapping element. <IMAGE>

Inventors

ESHEL UZI

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LAZAROVITZ JACOB

Latest standardized assignees - inventors removed

WIT IP

Family 10/20 - FAMPAT - ©Questel

Title

(EP1707233)

Apparatus for blocking flow through blood vessels

Images

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(EP1707233)

This invention is methods and apparatus for occluding blood flow within a blood vessel (22). In a first series of embodiments, the present invention comprises a plurality of embolic devices (16) deployable through the lumen (12) of a conventional catheter (10) such that when deployed, said embolic devices (16) remain resident and occlude blood flow at a specific site within the lumen of the blood vessel (22). Such embolic devices (16) comprise either mechanical embolic devices that become embedded within or compress against the lumen of the vessel or chemical vaso-occlusive agents that seal off blood flow at a given site. A second embodiment of the present invention comprises utilization of a vacuum/cauterizing device capable of sucking in the lumen of the vessel about the device to maintain the vessel in a closed condition where there is then applied a sufficient amount of energy to cause the tissue collapsed about the device to denature into a closure. In a third series of embodiments, the present invention comprises the combination of an embolization facilitator coupled with the application of an energy force to form an intraluminal closure at a specified site within a vessel.

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Latest standardized assignees - inventors removed

CORE FITNESS SYSTEM

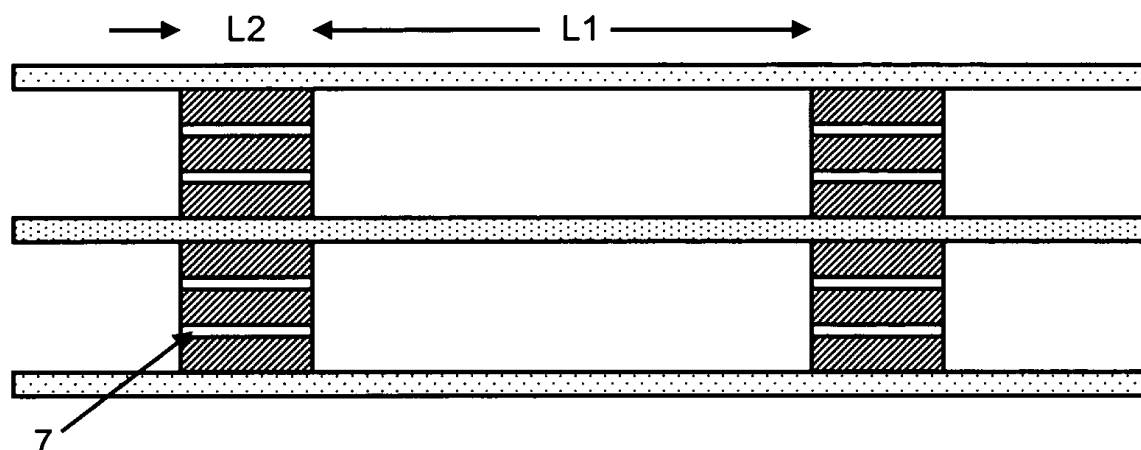
Family 11/20 - FAMPAT - ©Questel

Title

(EP1954207)

Microwave device for vascular ablation

Images



Publication data including kind & date

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Abstract

(EP1954207)

A method and system delivers microwave energy to a vessel, such as a vein for the treatment of varicose veins, in a controllable heating pattern and to provide relatively fast heating and ablation of the vessel. The method and system comprises a microwave delivery device for heating the vessel, and a microwave power source for supplying microwave power to the delivery device. The method and system may also include a cooling system, a temperature monitoring, feedback and control system, an ultrasound or other imaging device, and/or a device for assuring generally uniform energy delivery in the vessel.

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Latest standardized assignees - inventors removed

WISCONSIN ALUMNI RESEARCH FOUNDATION

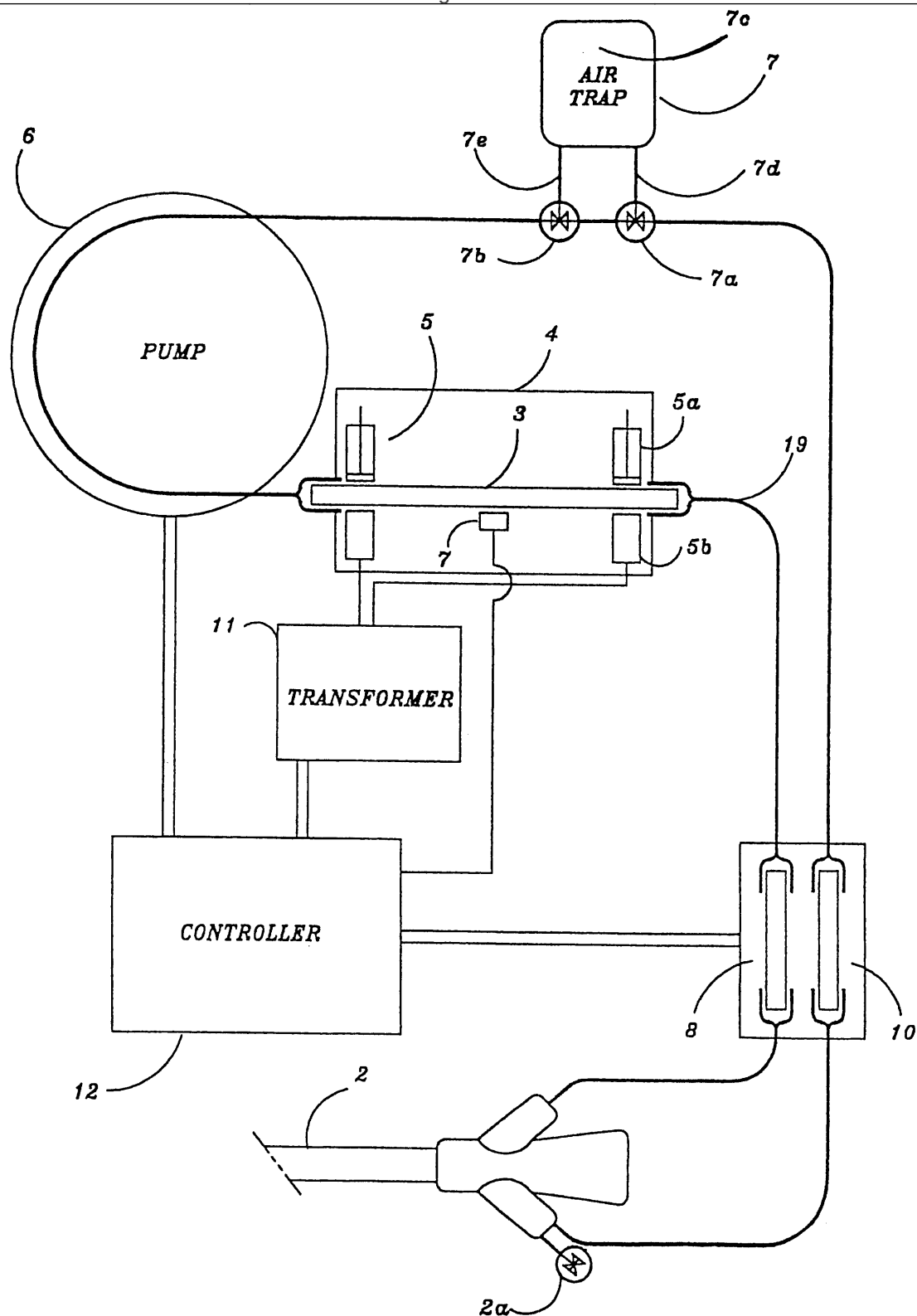
Family 12/20 - FAMPAT - ©Questel

Title

(US6849063)

Thermal treatment apparatus

Images



Publication data including kind & date

[US6849063](#)

B1 2005-02-01 US6849063



Abstract

(US6849063)

A temperature-setting device for providing a predetermined temperature to a quantity of **fluid** circulating therethrough, a thermal treatment apparatus including such device for selectively treating a targeted tissue adjacent a subject's body cavity, and techniques using such thermal treatment apparatus are provided. The temperature-setting device comprises: an electrically conducting tubular element, a housing element for receiving the tubular element; and a transformer electrically connectable to the housing element. The tubular element functions as a resistor and heats the **fluid** circulating therethrough. Alternatively, the housing element comprises a thermal conducting member disposed within a bath of a

cooling substance, the thermal conducting member having a recess for receiving the tubular element. The tubular element may alternately be placed in a housing element functioning as a heater and a housing element functioning as a cooler, thereby alternately heating or cooling the **fluid** circulating therethrough. The thermal treatment apparatus comprises: a temperature-setting device according to the present invention; a **catheter** insertable into a subject's body cavity, the **catheter** including a thermal treating section for thermally treating a targeted tissue; a pump; thermal **sensor** assemblies; and an air trapping element.

Inventors

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Latest standardized assignees - inventors removed

WIT IP

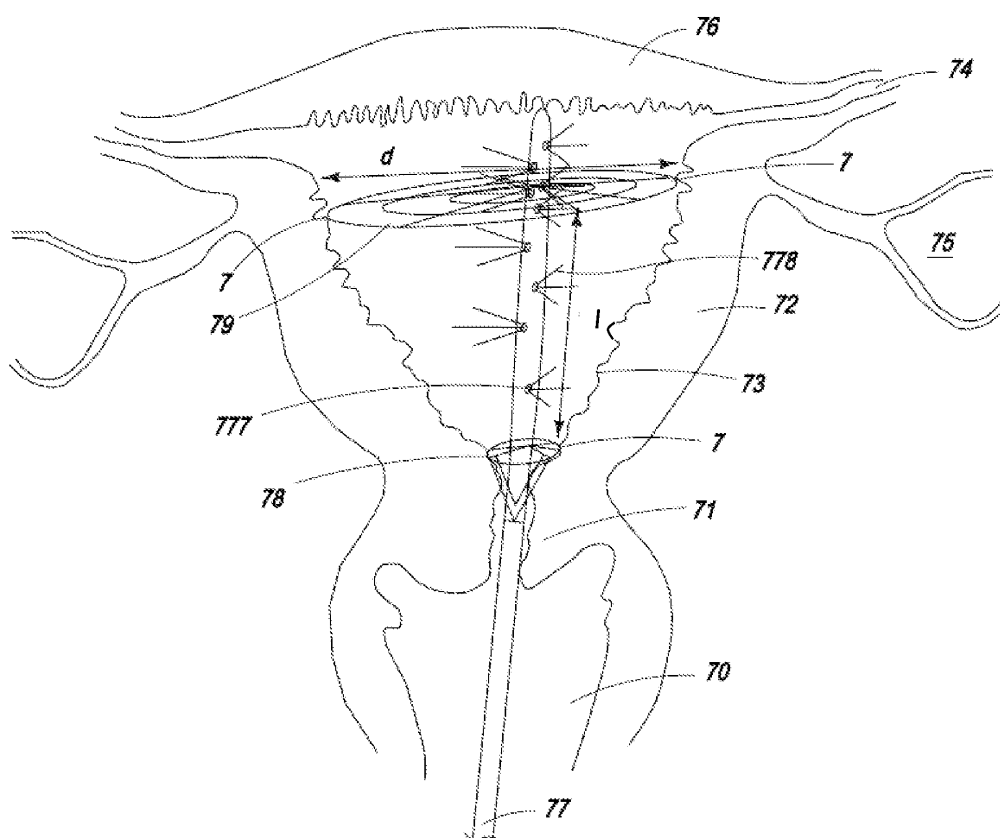
Family 13/20 - FAMPAT - ©Questel

Title

(EP3175805)

Apparatus for tissue ablation

Images



Publication data including kind & date

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Abstract

(EP3175805)

The present invention is directed toward a device that performs ablation of tissue. The device has a **catheter** with a shaft through which an ablative agent can travel, a first positioning element attached to the **catheter** shaft at a first position and a second positioning element attached to the **catheter** shaft at a second position. The shaft also has ports through which the ablative agent can be released.

Inventors

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Latest standardized assignees - inventors removed

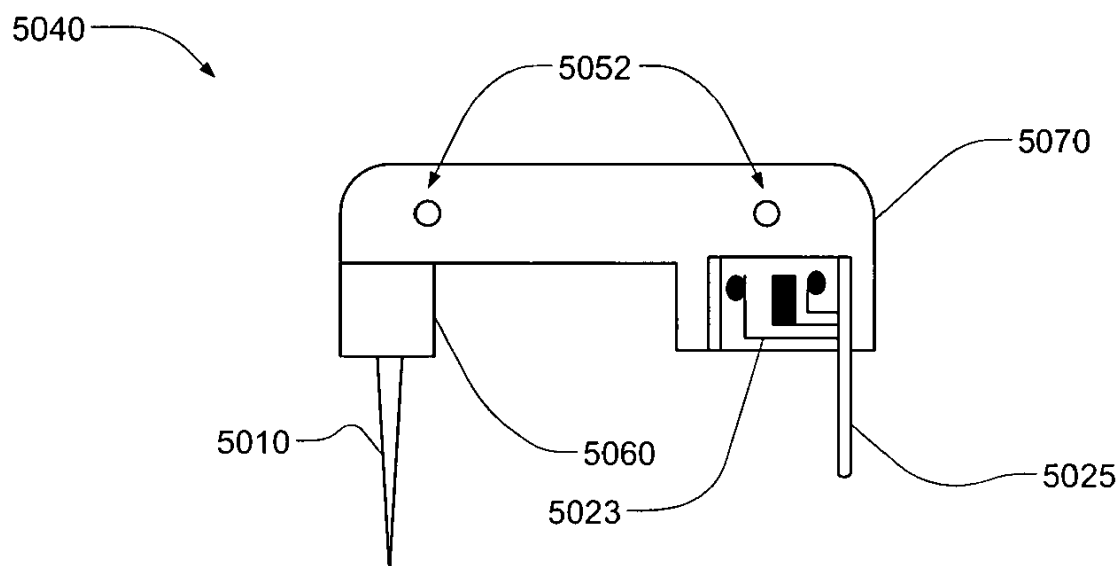
SANTA ANNA TECHNOLOGY

Family 14/20 - FAMPAT - ©Questel

Title

(EP3165247)

Pumping **fluid** delivery systems and methods using force application assembly**Images**



Publication data including kind & date

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Abstract

(EP3165247)

A method of dispensing a therapeutic **fluid** from a line includes providing an inlet line connectable to an upstream **fluid** source. The inlet line is in downstream **fluid** communication with a pumping chamber. The pumping chamber has a pump outlet. The method also includes actuating a force application assembly so as to restrict retrograde flow of **fluid** through the inlet while pressurizing the pumping chamber to urge flow through the pump outlet. A corresponding system employs the method.

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Latest standardized assignees - inventors removed

DEKA PRODUCTS

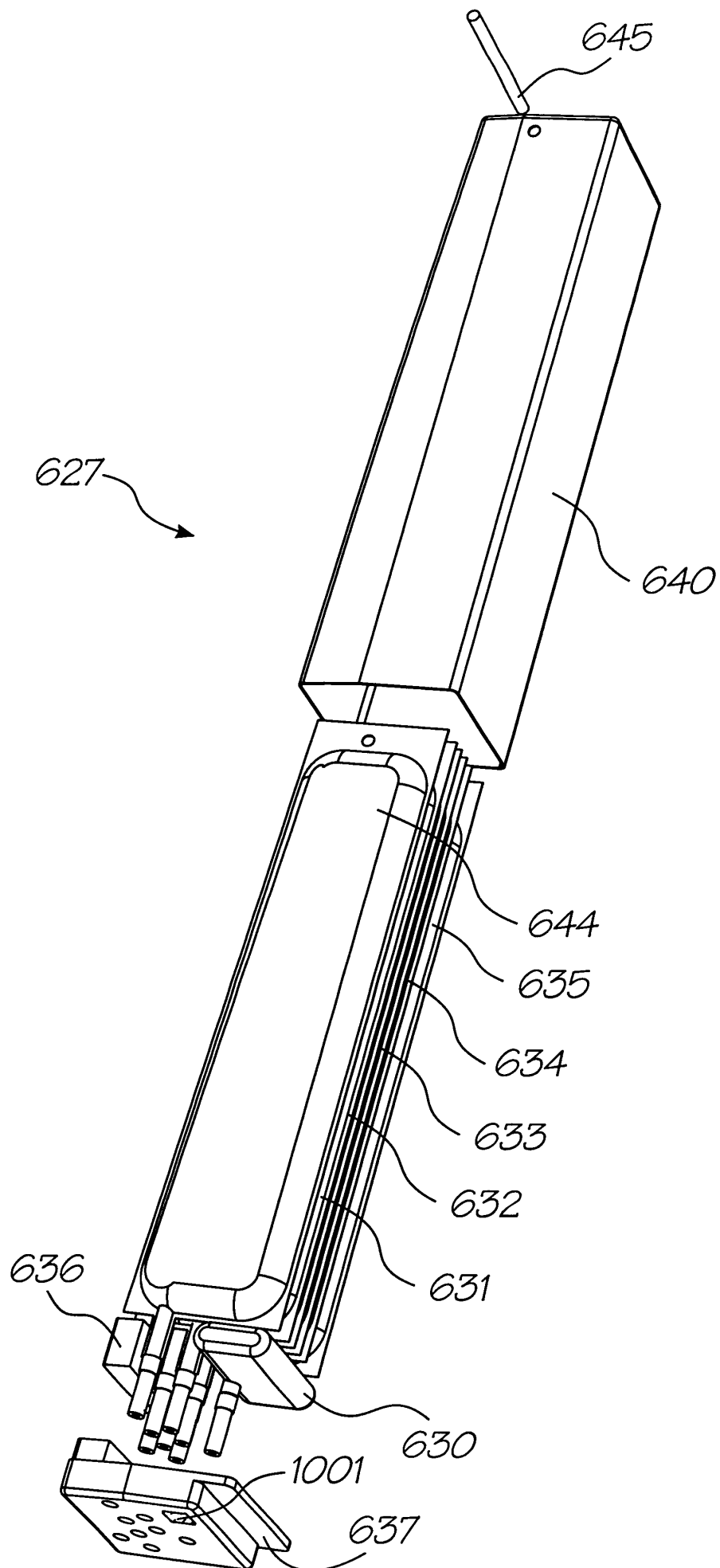
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Title

(EP1240620)

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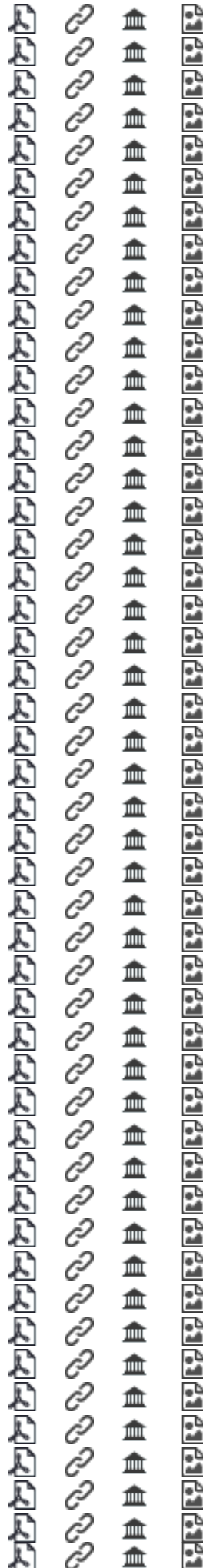


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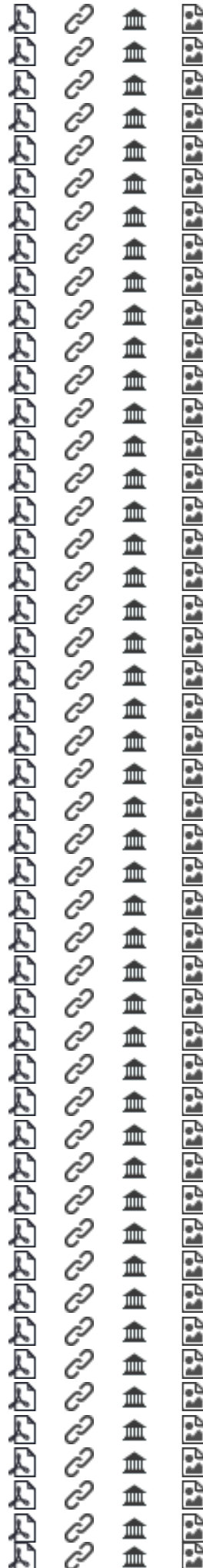
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US7969602	B2	2011-06-28	US7969602				
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JP4717221	B2	2011-07-06	JP4717221				
JP4724302	B2	2011-07-13	JP4724302				
CA2371557	C	2011-08-09	CA2371557				
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US8009153	B2	2011-08-30	US8009153				
IL165002	B	2011-08-31	IL-165002				
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US8023141	B2	2011-09-20	US8023141				
US8023138	B2	2011-09-20	US8023138				
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US2011229058	A1	2011-09-22	US20110229058				
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US8031187	B2	2011-10-04	US8031187				
US8031185	B2	2011-10-04	US8031185				
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BRPI0010842	A2	2011-10-25	BR200010842				
BRPI0010807	A2	2011-10-25	BR200010807				
US8059106	B2	2011-11-15	US8059106				
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BRPI0010840	A2	2011-12-20	BR200010840				
US8094325	B2	2012-01-10	US8094325				
US2012011214	A1	2012-01-12	US20120011214				
US2012007838	A1	2012-01-12	US20120007838				
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BRPI0010859	A2	2012-03-20	BR200010859				

BRPI0010793	A2	2012-03-20	BR200010793				
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BRPI0010857	A2	2012-05-15	BR200010857				
US2012140280	A1	2012-06-07	US20120140280				
US8223380	B2	2012-07-17	US8223380				
US8284409	B2	2012-10-09	US8284409				
US8295653	B2	2012-10-23	US8295653				
US2012274987	A1	2012-11-01	US20120274987				
BRPI0010903	A2	2013-04-09	BR200010903				
BRPI0010850	A2	2013-04-09	BR200010850				
BRPI0010805	A2	2013-04-09	BR200010805				
BRPI0010803	A2	2013-04-09	BR200010803				
BRPI0010860	A2	2016-03-29	BR200010860				
BRPI0010856	A2	2016-03-29	BR200010856				
BRPI0010854	A2	2016-03-29	BR200010854				
BRPI0010791	A2	2016-03-29	BR200010791				

Abstract

(EP1240620)

A method for providing a copy of a page from a printed document, the document including coded data indicative of an identity of the document and of a plurality of reference points on the document, the method including: receiving, in a computer system, indicating data from a sensing device operated by a user, the indicating data regarding the identity of the document and a position of the sensing device relative to the document, the sensing device, when placed in an operative position relative to the document, sensing the indicating data using at least some of the coded data; and identifying, in the computer system and from the indicating data, a request for a copy of the page of the document.

Inventors

LAPSTUN PAUL

SILVERBROOK KIA

Latest standardized assignees - inventors removed

LIVESCRIIBE

Family 16/20 - FAMPAT - ©Questel

Title

(US8348844)

Automated blood sampler and analyzer

Images

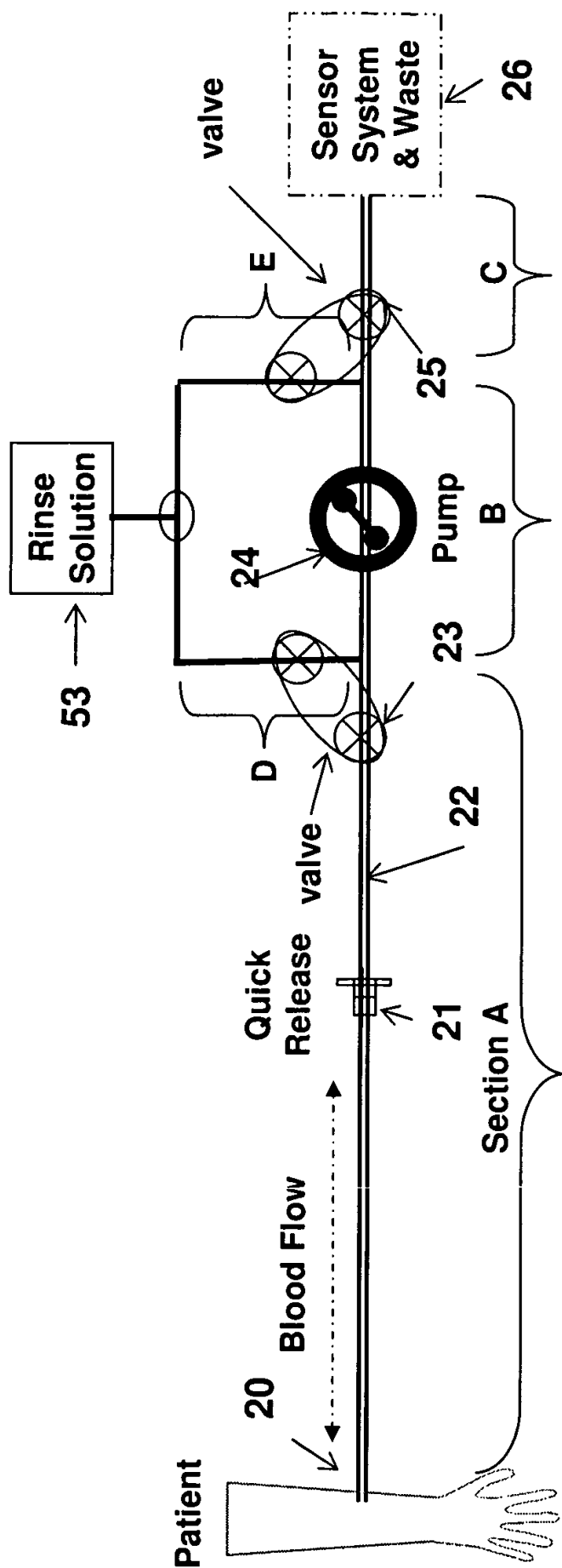


Fig. 1

Publication data including kind & date

US2010137778	A1	2010-06-03	US20100137778
US8348844	B2	2013-01-08	US8348844

**Abstract**

(US8348844)

An automated blood sampler integratable with a glucose monitor comprises a **catheter** connected to a tube-set forming a single blood passageway; a clamp-on air-bubble **sensor** and a occlusion **sensor** externally attached to the tube set; a single peristaltic pump and two 3-way pinch valves attached to the tube set and control **fluid** flow. The sampler draws blood from a stationary patient, samples the blood for analytical measurement of blood parameters; after which the passageway is rinsed, the blood re-infused, and slow saline infusion prevents vein collapse. The cycle repeats at user or predefined intervals. In another preferred embodiment, blood is not re-infused, and only one 3-way pinch valve is used.

Inventors

KUNJAN KISLAYA

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Latest standardized assignees - inventors removed

GIDDINGS DAVID T

LLOYD FRANK P JR

KUNJAN KISLAYA

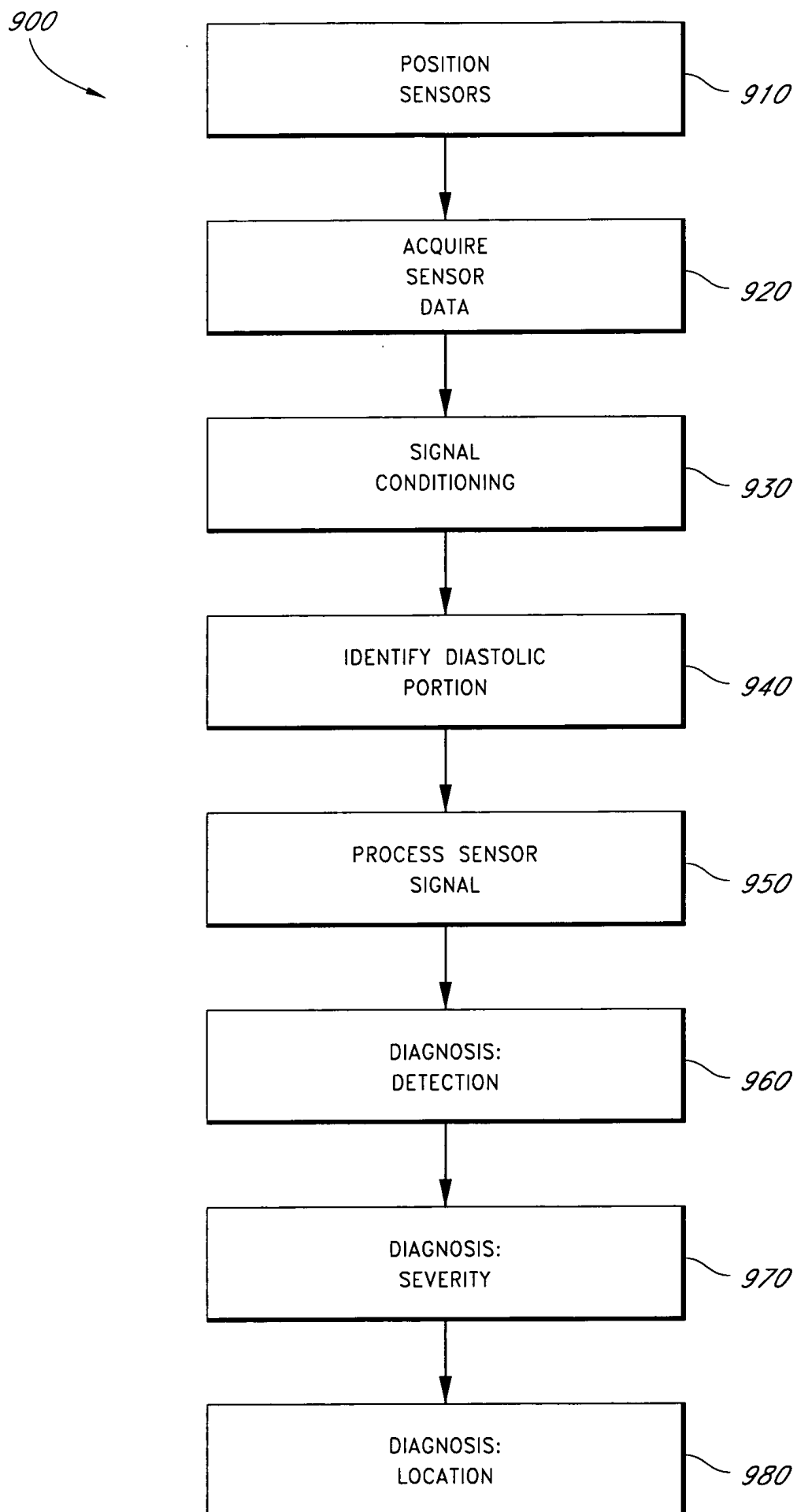
Family 17/20 - FAMPAT - ©Questel

Title

(EP1859362)

Apparatus for acoustic diagnosis of abnormalities in coronary arteries

Images



Publication data including kind & date

WO2006078954	A1	2006-07-27	WO200678954				
CA2595286	A1	2006-07-27	CA2595286				
AU2006206298	A1	2006-07-27	AU2006206298				
US2007055151	A1	2007-03-08	US20070055151				
US2007191740	A1	2007-08-16	US20070191740				
IN5200/DELNP/2007	A	2007-08-17	IN2007DN05200				
US2007239003	A1	2007-10-11	US20070239003				
EP1859362	A1	2007-11-28	EP1859362				
CN101137977	A	2008-03-05	CN101137977				
JP2008528112	A	2008-07-31	JP2008528112				

Abstract

(EP1859362)

The apparatus and methods disclosed herein relate to diagnosis of disease through the detection of signals from portions of a body. The signals may be acoustic signals, which can be used to diagnose the presence, severity and/or location of occlusions in arteries, such as the coronary arteries. The signals may be detected through noninvasive methods such as, for example, passive reception. Such methods can avoid many of the problems associated with invasive angiogram and angioplasty procedures. The apparatus and methods described herein are not limited to use for diagnosing occlusions in the coronary arteries, but can be used for a wide variety of biomedical diagnosis in human and nonhuman animals.

Inventors

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SHERTUKDE REKHA

MENON ABHILASH R

BECKMANN PETER V

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Latest standardized assignees - inventors removed

MEDSCANSONICS

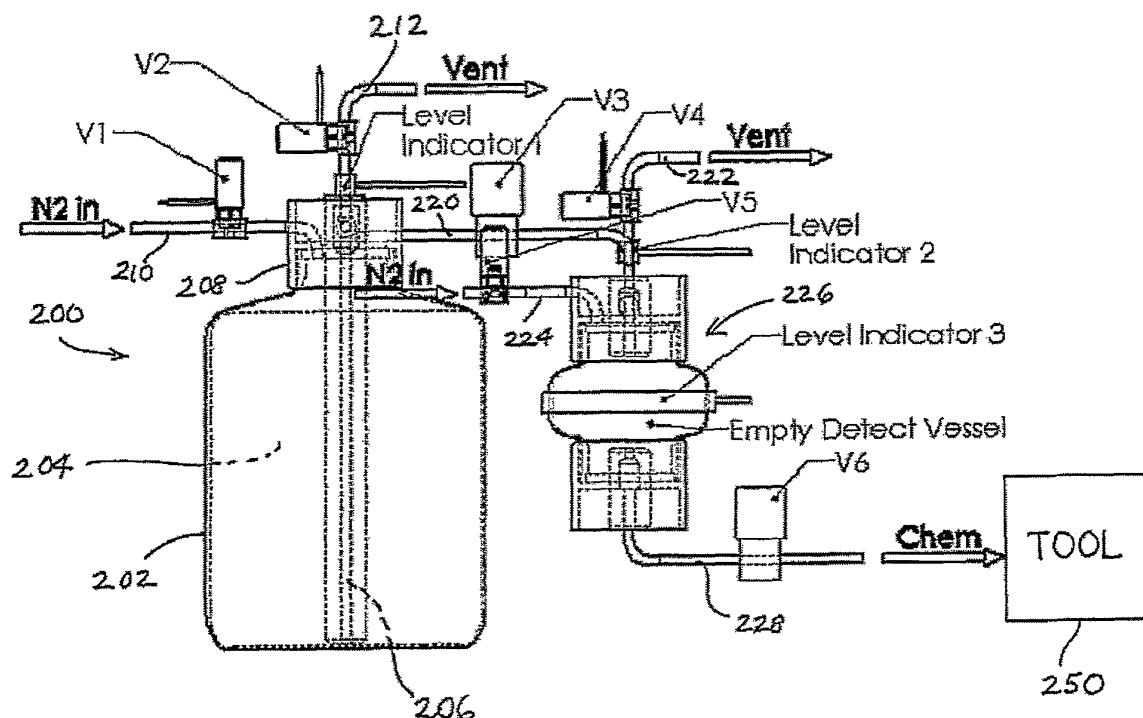
Family 18/20 - FAMPAT - ©Questel

Title

(EP3006102)

Liner-based liquid storage and dispensing systems with empty detection capability

Images



Publication data including kind & date

WO2006116572	A2	2006-11-02	WO2006116572
TW200704581	A	2007-02-01	TW200704581
WO2006116572	A3	2007-12-06	WO2006116572
EP1879829	A2	2008-01-23	EP1879829
KR20080009137	A	2008-01-24	KR20080009137
CN101208256	A	2008-06-25	CN101208256
JP2008539078	A	2008-11-13	JP2008539078
IN4095/KOLNP/2007	A	2009-01-02	IN2007KN04095
SG153847	A1	2009-07-29	SG-153847
US2009314798	A1	2009-12-24	US20090314798
EP1879829	A4	2011-01-19	EP1879829
KR20110073551	A	2011-06-29	KR20110073551
CN102423665	A	2012-04-25	CN102423665
JP2012143756	A	2012-08-02	JP2012143756
US8322571	B2	2012-12-04	US8322571
SG186677	A1	2013-01-30	SG-186677
US2013056112	A1	2013-03-07	US20130056112
KR20130051493	A	2013-05-20	KR20130051493
KR101297004	B1	2013-08-14	KR101297004
KR20130099236	A	2013-09-05	KR20130099236
KR101309367	B1	2013-09-17	KR101309367
CN101208256	B	2013-09-18	CN101208256B
TWI409213	B	2013-09-21	TWI409213
KR101312237	B1	2013-09-26	KR101312237
CN102423665	B	2015-04-15	CN102423665B
US9073028	B2	2015-07-07	US9073028
JP2015157286	A	2015-09-03	JP2015157286
JP2015163401	A	2015-09-10	JP2015163401
US2015298891	A1	2015-10-22	US20150298891



EP3006102	A1	2016-04-13	EP3006102
EP1879829	B1	2016-04-20	EP1879829
JP6138850	B2	2017-05-31	JP6138850
US9802749	B2	2017-10-31	US9802749
JP6238930	B2	2017-11-29	JP6238930

**Abstract**

(EP3006102)

Fluid supply systems for storage and dispensing of chemical reagents and compositions, e.g., high purity liquid reagents and chemical mechanical polishing compositions used to manufacture microelectronic device products, having capability for detection of an empty or near-empty condition when the contained liquid is at or approaching depletion during dispensing operation. **Fluid** delivery systems employing empty detect arrangements are described, including **pressure** transducer monitoring of dispensed material intermediate the supply package and a servo-hydraulic dispense pump, or monitoring of dispenser chamber replenishment times in a dispenser being replenished on a cyclic schedule to flow material from the dispenser to a downstream tool utilizing the dispensed material.

Inventors

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Latest standardized assignees - inventors removed

ENTEGRIS

Family 19/20 - FAMPAT - ©Questel

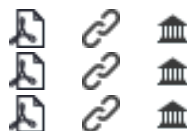
Title

(EP1319423)

Apparatus and method for initiating chemical reactions and for the targeted delivery of drugs or other agents

Publication data including kind & date

EP1319423	A2	2003-06-18	EP1319423
US2003147812	A1	2003-08-07	US20030147812
EP1319423	A3	2003-10-08	EP1319423

**Abstract**

(EP1319423)

The present invention is directed to an apparatus and a method for targeted activation or deactivation of chemical reactions, comprising initiation means for initiating cavitation inside at least one medium, wherein the initiation means are adapted to generate photons by means of controlled cavitation for the activation or deactivation of chemical reactions within the at least one medium.

Inventors

UEBERLE FRIEDRICH

Latest standardized assignees - inventors removed

DORNIER MEDTECH SYSTEM

Family 20/20 - FAMPAT - ©Questel

Title

(EP3266037)

Improved ionisation of gaseous samples

Images

GB201714126	D0	2017-10-18	GB201714126			
GB201714120	D0	2017-10-18	GB201714120			
GB201714122	D0	2017-10-18	GB201714122			
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GB201713964	D0	2017-10-18	GB201713964			
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KR20170129179	A	2017-11-24	KR20170129179			
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EP3266035	A1	2018-01-10	EP3266035			
EP3266037	A1	2018-01-10	EP3266037			
EP3265821	A1	2018-01-10	EP3265821			
EP3265820	A1	2018-01-10	EP3265820			
EP3265818	A1	2018-01-10	EP3265818			
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EP3265817	A1	2018-01-10	EP3265817			
EP3265797	A1	2018-01-10	EP3265797			
EP3264990	A1	2018-01-10	EP3264990			
EP3264989	A1	2018-01-10	EP3264989			
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CN107635477	A	2018-01-26	CN107635477			
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CN107667288	A	2018-02-06	CN107667288			
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US2018059126	A1	2018-03-01	US20180059126				
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GB2556436	A	2018-05-30	GB2556436				
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JP2018515874	A	2018-06-14	JP2018515874				

Abstract

(EP3266037)

A method of mass spectrometry or ion mobility spectrometry is disclosed comprising: providing an analyte201;supplying a matrix204 compound to said analyte 201 such that saidanalyte 201 dissolves in saidmatrix204; formingfirst dropletsof the dissolved analyte 205;and colliding saidfirst droplets 205 with a collision surface 209.The use of matrix improves the analyte ion signal.

Inventors

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TAKÁTS ZOLTÁN

Latest standardized assignees - inventors removed

MICROMASS