

Search strategy

Query

((VEIN AND (FRAME OR STENT) AND (PROTRUSION OR PROTUBERANCE OR LUMP) AND (RING+ OR ANULAR)
AND STRUT+ AND RIGID AND INTERCONNECT+))/TI/AB/TX

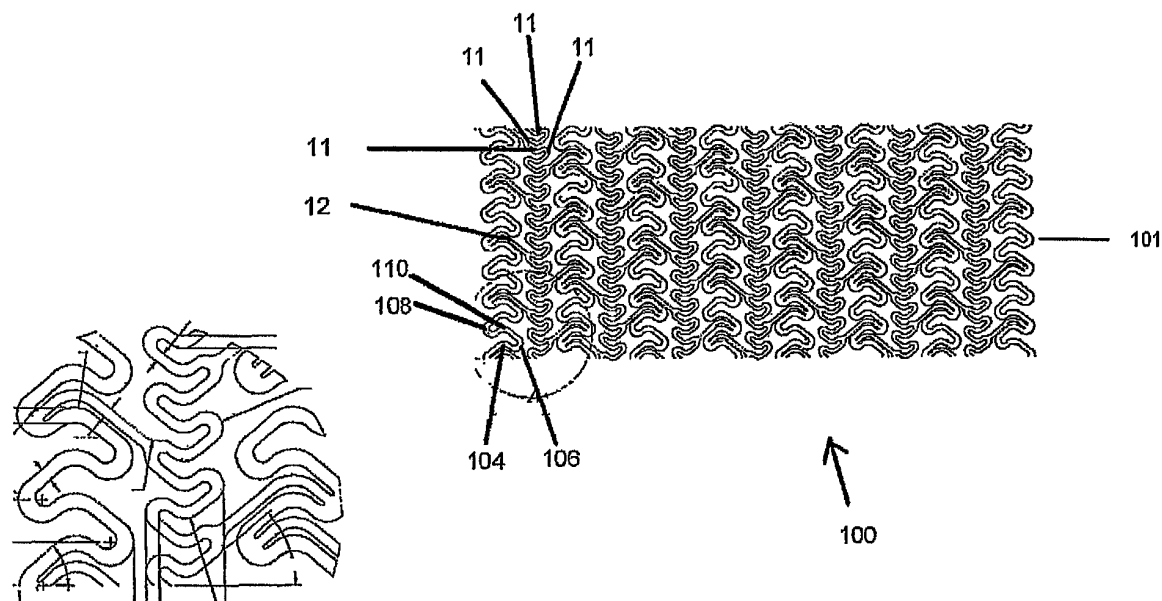
8 Documents

Publication numbers	Title	Current assignees
EP2044908 A1	Improved stent	BOSTON SCIENTIFIC SCIMED
EP3235473 A1	Stent having at least one connecting member configured to controllably sever in vivo	CELONOVA STENT
EP2397112 A1	Stent graft and stent graft delivery system	BOLTON MEDICAL
EP3028668 A1	Prosthetic heart valve system and delivery system therefor	NVT
EP2421470 A1	Flexible devices	FLEXIBLE STENTING SOLUTIONS
EP1986573 A2	Delivery system and method for self-centering a proximal end of a stent graft	BOLTON MEDICAL
EP1974758 A2	Local vascular delivery of probucol alone or in combination with sirolimus to treat restenosis, vulnerable plaque, AAA and stroke	CARDINAL HEALTH SWITZERLAND 515
EP2108390 A2	Device for local and/or regional delivery employing liquid formulations of therapeutic agents	CARDINAL HEALTH SWITZERLAND 515

Family 1/8 - FAMPAT - ©Questel

Title

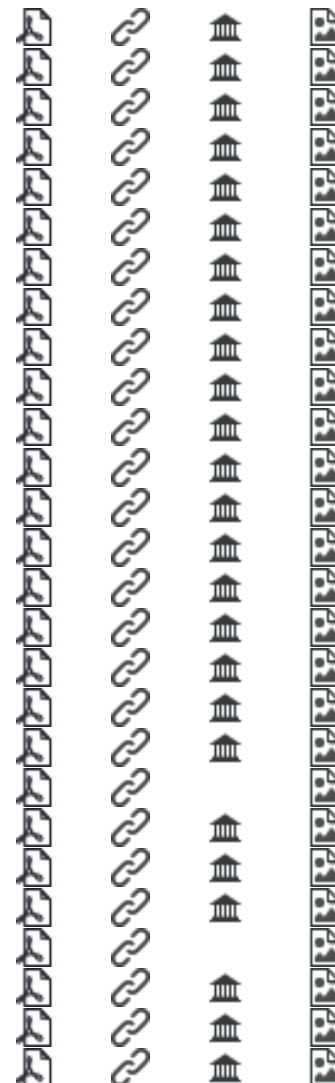
(EP2044908)

Improved **stent****Images**

DETAIL A

Publication numbers with kind code & date

US9827120	B2	2017-11-28	US9827120
EP1970032	B1	2015-04-29	EP1970032
EP1463461	B1	2014-07-30	EP1463461
JP5053501	B2	2012-08-03	JP5053501
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WO02/60344	A2	2002-08-08	WO200260344				
US20020095208	A1	2002-07-18	US20020095208				

Abstract

(EP2044908)

A **stent** comprising a side wall with a plurality of openings 122 therein, each opening being bounded by at least a first **stent** member and a second **stent** member, the first **stent** member 134 having a larger width than the second **stent** member 142, the first **stent** member comprising a plurality of bent first **struts** 110 extending non-parallel to a longitudinal axis of the **stent**, the second **stent** member comprising a plurality of bent second **struts** 118 extending non-parallel to the longitudinal axis of the **stent**, the bent first **struts** defining finger like first projections 124 which are non-parallel to the longitudinal axis of the **stent**, and the bent second **struts** defining finger like second projections 126 which are non-parallel to the longitudinal axis of the **stent**.

Inventors

GREGORICH DANIEL

GIRTON TIMOTHY SAMUEL

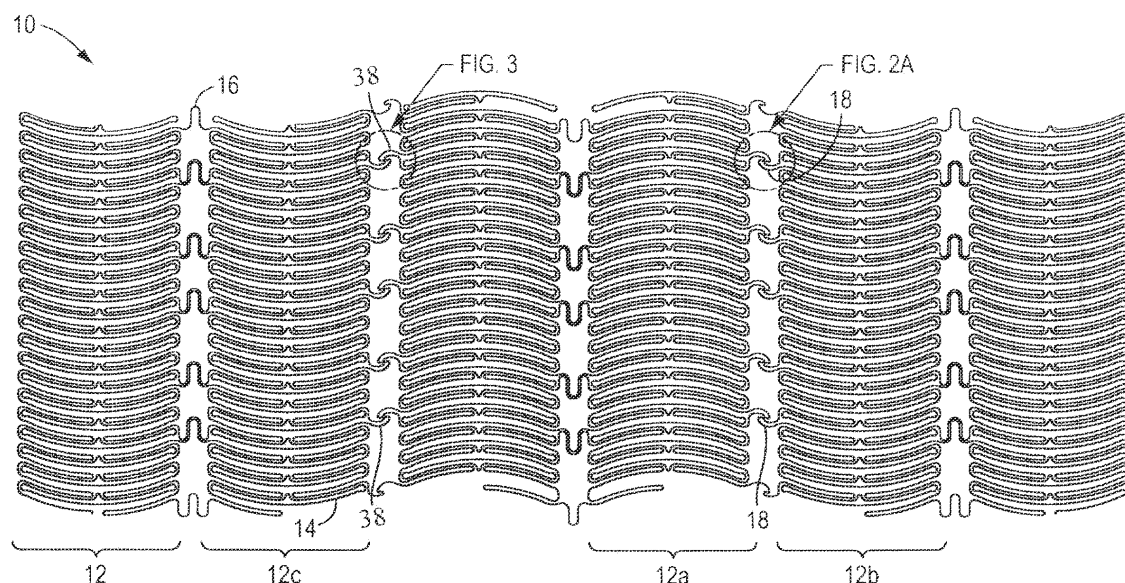
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BOSTON SCIENTIFIC SCIMED

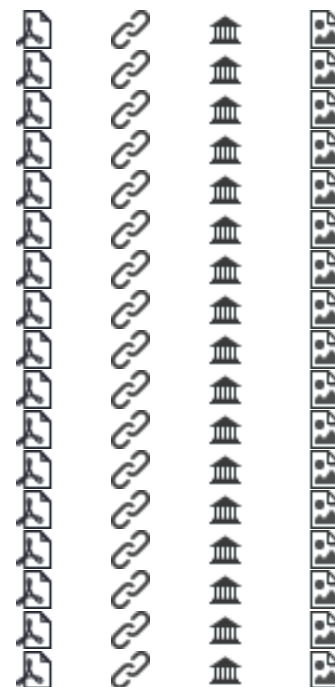
Family 2/8 - FAMPAT - ©Questel

Title

(EP3235473)

Stent having at least one connecting member configured to controllably sever in vivo**Images****Publication numbers with kind code & date**

US10463511	B2	2019-11-05	US10463511
JP2019058706	A	2019-04-18	JP2019058706
ES2692650	T3	2018-12-04	ES2692650
EP2816971	B1	2018-10-10	EP2816971
JP6401616	B2	2018-10-10	JP6401616
EP3235473	A1	2017-10-25	EP3235473
JP2017136408	A	2017-08-10	JP2017136408
US20160067068	A1	2016-03-10	US20160067068
EP2816971	A4	2015-12-30	EP2816971
US9220615	B2	2015-12-29	US9220615
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WO2013/126708	A1	2013-08-29	WO2013/126708
US20130178926	A1	2013-07-11	US20130178926

**Abstract**

(EP3235473)

A **stent** may include a connector having a first portion, a second portion, and a third portion positioned between the first and second portions. The connector may be configured to interconnect axially adjacent **stent** segments. The connector may be further configured such that the third portion severs in response to a threshold amount of axial force, axial foreshortening, and/or cyclic loading or fatigue, in order to predispose the severance of one or more pre-configured connectors in a controlled manner to minimize any potential harm to the surrounding vasculature of a patient.

Inventors

DENISON ANDY EDWARD

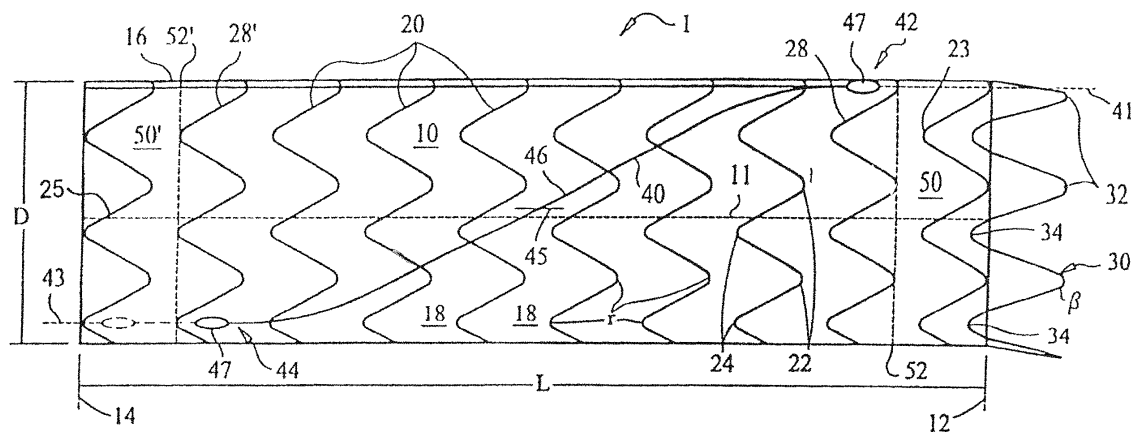
BATES MARK C

STALKER KENT C B

Latest standardized assignees - inventors removed

CELONOVA **STENT**

Images



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US20050049667	A1	2005-03-03	US20050049667				
US20050049674	A1	2005-03-03	US20050049674				

Abstract

(EP2397112)

A delivery system for delivering and deploying stents having proximal apices includes a guidewire catheter (620) having a curved distal end and an interior extending along a longitudinal axis and a **stent** graft releaseably fixed to the curved distal end of the guidewire catheter. The delivery system can include an apex release catheter having a distal end and being slidably disposed about the guidewire catheter, and an apex capture device (634). The delivery device can further include an apex release catheter, an apex capture device, an outer catheter, an intermediate catheter (654), a prosthesis delivery sheath (652) a handle and a nose cone (632).

Inventors

ARBEFEUILLE SAMUEL

BERRA HUMBERTO

OUELLETTE GERRY

Latest standardized assignees - inventors removed

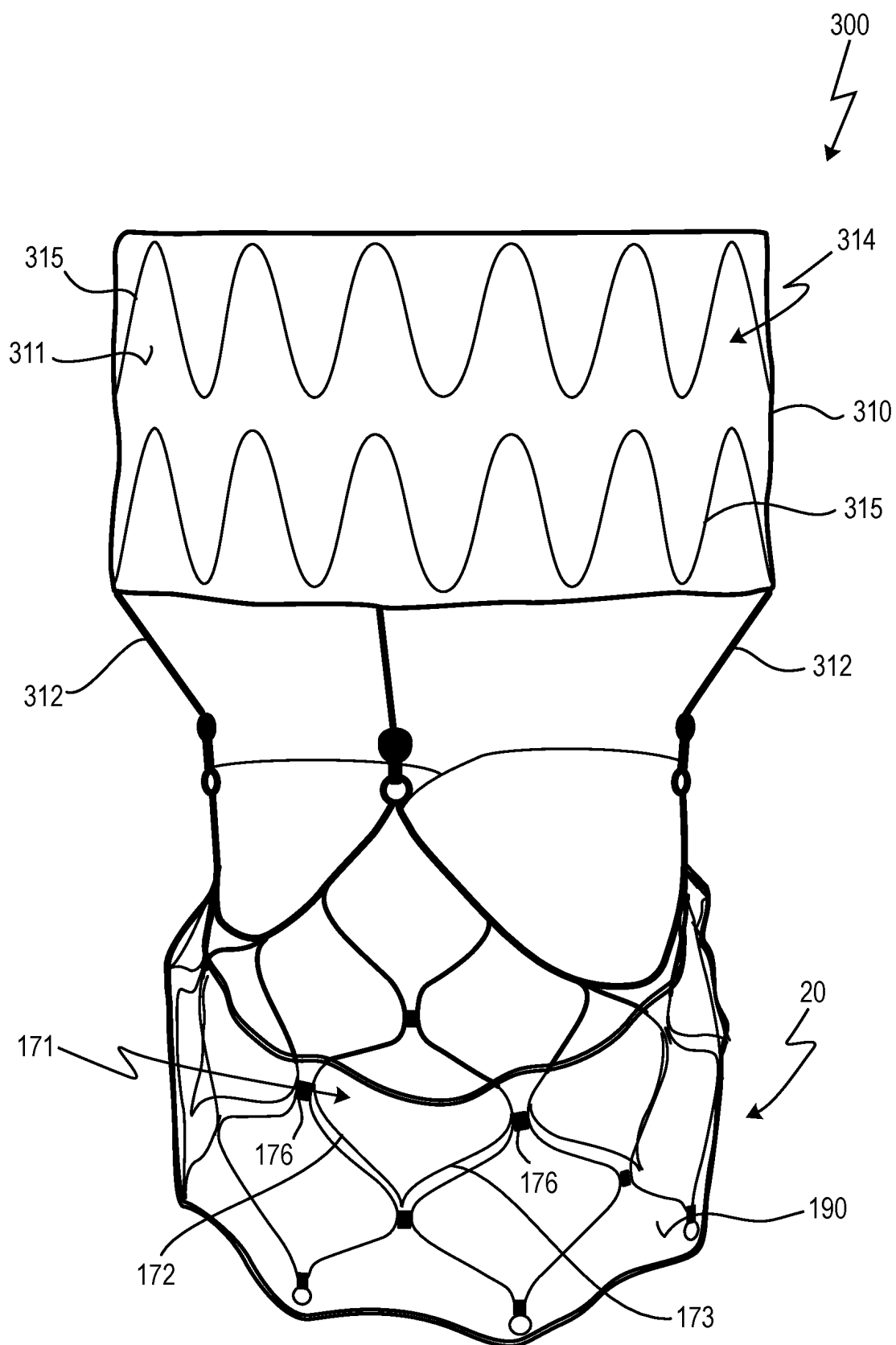
BOLTON MEDICAL

Family 4/8 - FAMPAT - ©Questel

Title

(EP3028668)

Prosthetic heart valve system and delivery system therefor

Images

CN105662651	B	2020-03-24	CN105662651B				
US10512539	B2	2019-12-24	US10512539				
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BR102015029539	A1	2016-04-05	BR102015029539				

Abstract

(EP3028668)

The present invention relates to a prosthetic heart valve system (10; 200; 300) and a delivery system (400) therefor, the prosthetic heart valve system (10; 200; 300) comprising a heart valve element (20) with expandable generally tubular **stent** support (102) forming a wire **frame**, wherein the tubular **stent** support (102) comprises a plurality of adjacent rows of interconnected, substantially diamond-shaped cell structures (171) extending, along and in parallel to the longitudinal direction, between the proximal end (103) and distal end (107), and wherein the **stent** support (102), in a medial portion (105), comprises a circumferential row (170) of a plurality of wire anchor structures (171) which wire anchor structures (171) are spaced from one another and attached to the wire **frame** and which, in respect to the longitudinal axis (131) of the **stent** support (102), at least partially protrude outward at an angle $\pm$. The prosthetic heart valve system (10; 200; 300) may also comprise a **stent**(graft)-element (310).

Inventors

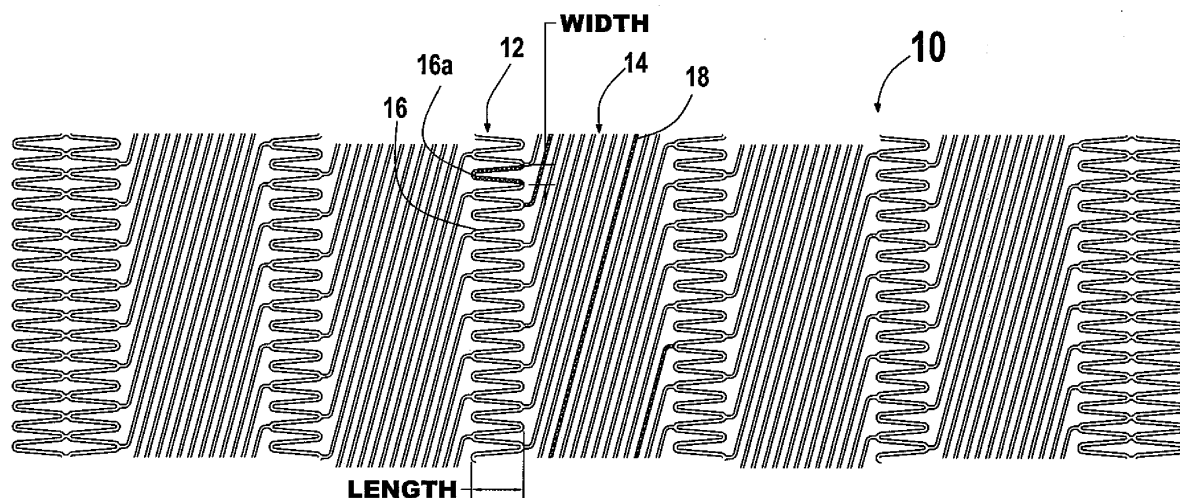
CENTOLA MARCOS

KAWA EMILIA

Latest standardized assignees - inventors removed

NVT

Images



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BEACH BRADLEY

BURPEE JANET

Latest standardized assignees - inventors removed

FLEXIBLE STENTING SOLUTIONS

Family 6/8 - FAMPAT - ©Questel

Title

(EP1986573)

Delivery system and method for self-centering a proximal end of a **stent** graft

Images

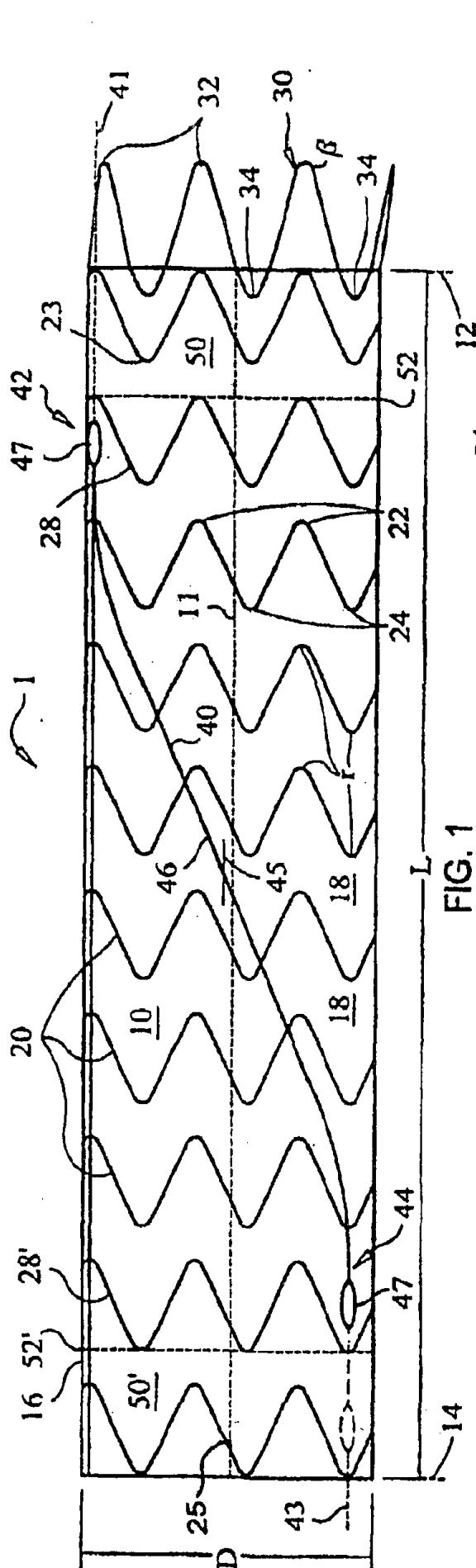


FIG. 1

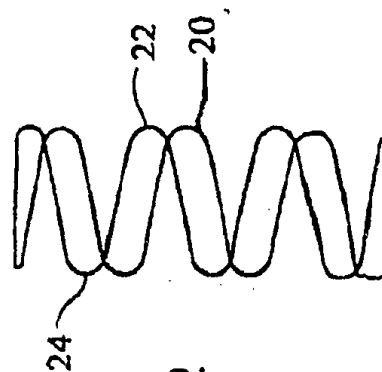


FIG. 2

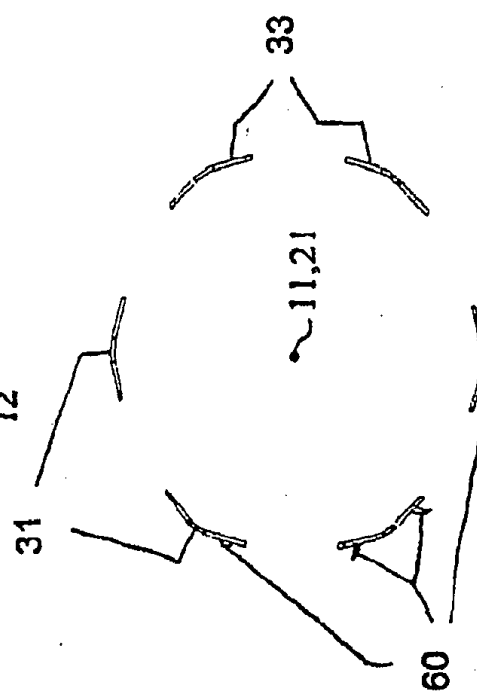


FIG. 3



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Abstract

(EP1986573)

A method for implanting a prosthesis centrally within a curved lumen includes loading a prosthesis into a delivery sheath, advancing the sheath in a patient towards the curved lumen to place at least the proximal end of the prosthesis within the curved lumen, and centering the proximal end of the prosthesis and/or the distal end of the sheath within the curved lumen. In a first advancing step, the outer catheter containing the inner sheath is advanced together towards the curved lumen to a location proximal of the curved lumen and, in a second advancing step, the inner sheath containing the prosthesis is advanced into the curved lumen to place at least the proximal end within the curved lumen while the outer catheter substantially remains at the location. After centering, the proximal end of the prosthesis is deployed centered within the curved lumen.

Inventors

MOORE MICHAEL

ARBEFEUILLE SAMUEL

BERRA HUMBERTO

OUELLETTE GERRY

BORREGO FRANK

CHRISTIAN FLETCHER

LOSTETTER TIMOTHY

Latest standardized assignees - inventors removed

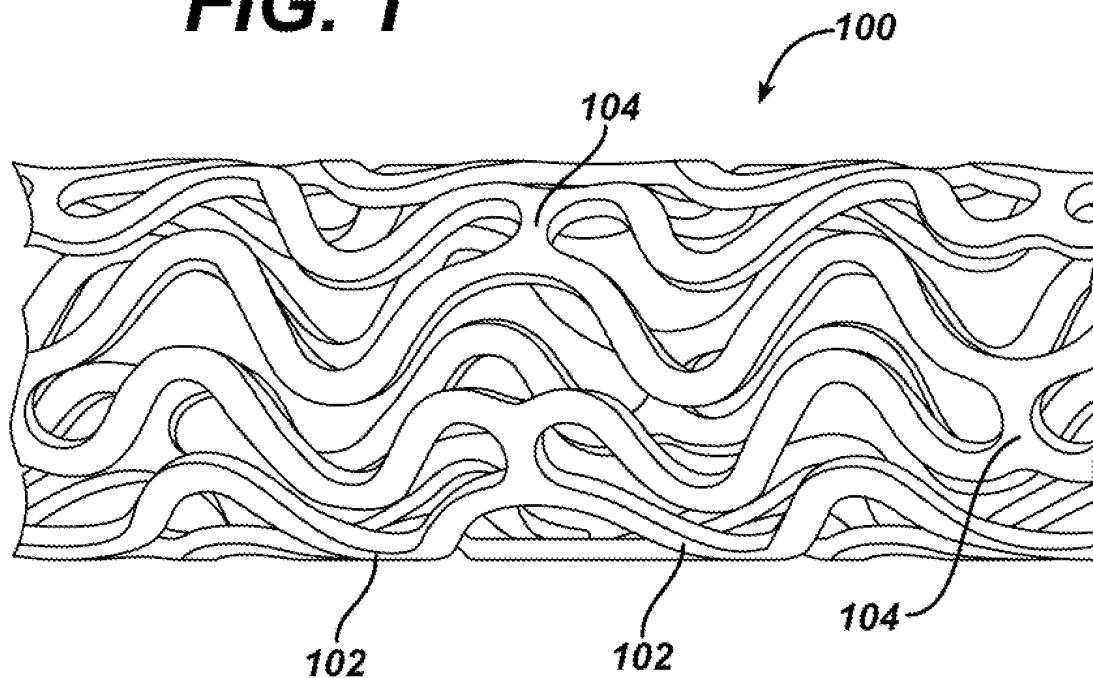
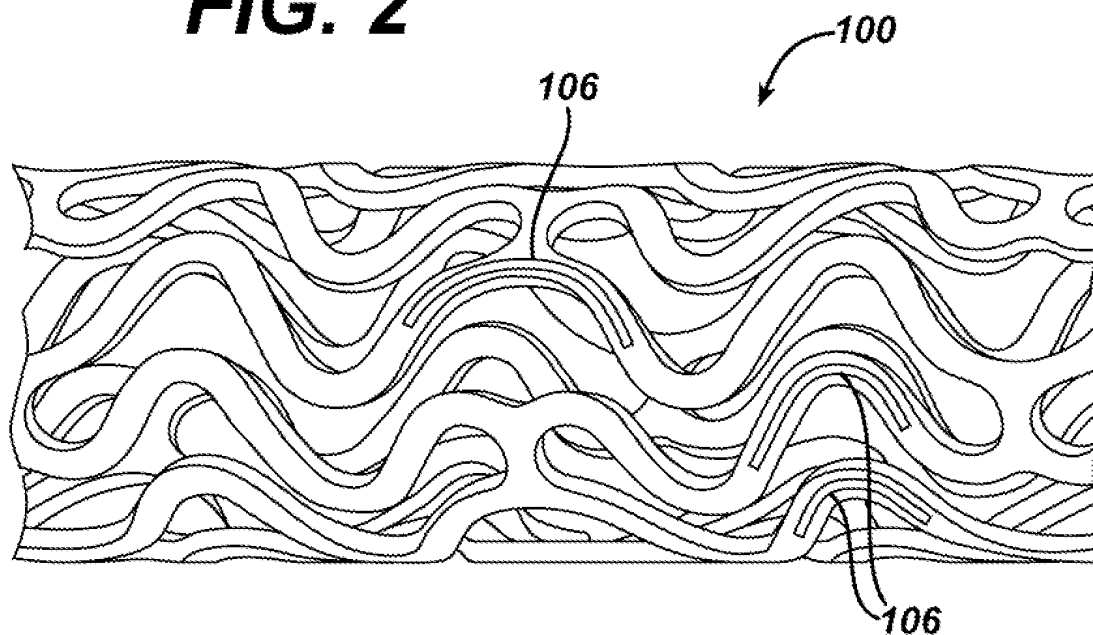
BOLTON MEDICAL

Family 7/8 - FAMPAT - ©Questel

Title

(EP1974758)

Local vascular delivery of probucol alone or in combination with sirolimus to treat restenosis, vulnerable plaque, AAA and stroke

Images**FIG. 1****FIG. 2****Publication numbers with kind code & date**[IL209172](#)

B 2017-04-30

IL-209172

[KR101678369](#)

B1 2016-11-23

KR101678369



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EP1974758	A2	2008-10-01	EP1974758				

Abstract

(EP1974758)

Medical devices, and in particular implantable medical devices, may be coated to minimize or substantially eliminate a biological organism's reaction to the introduction of the medical device to the organism. The medical devices may be coated with any number of biocompatible materials. Therapeutic drugs, agents or compounds may be mixed with the biocompatible materials and affixed to at least a portion of the medical device. These therapeutic agents or compounds may also further reduce a biological organism's reaction to the introduction of the medical device to the organism. In addition, these therapeutic drugs, agents and/or compounds may be utilized to promote healing, including the prevention of thrombosis. The drugs, agents, and/or compounds may also be utilized to treat specific disorders, including vulnerable plaque. Therapeutic agents may also be delivered to the region of a disease site. In regional delivery, liquid formulations may be desirable to increase the efficacy and deliverability of the particular drug. Also, the devices may be modified to promote endothelialization. Various materials and coating methodologies may be utilized to maintain the agents or compounds on the medical device until delivered and positioned. In addition, the devices utilized to deliver the implantable medical devices may be modified to reduce the potential for damaging the implantable medical device during deployment. Medical devices include stents, grafts, anastomotic devices, perivascular wraps, sutures and staples. In addition, various polymer combinations may be utilized to control the elution rates of the therapeutic drugs, agents and/or compounds from the implantable medical devices.

Inventors

FALOTICO ROBERT

ZHAO JONATHAN Z

Latest standardized assignees - inventors removed

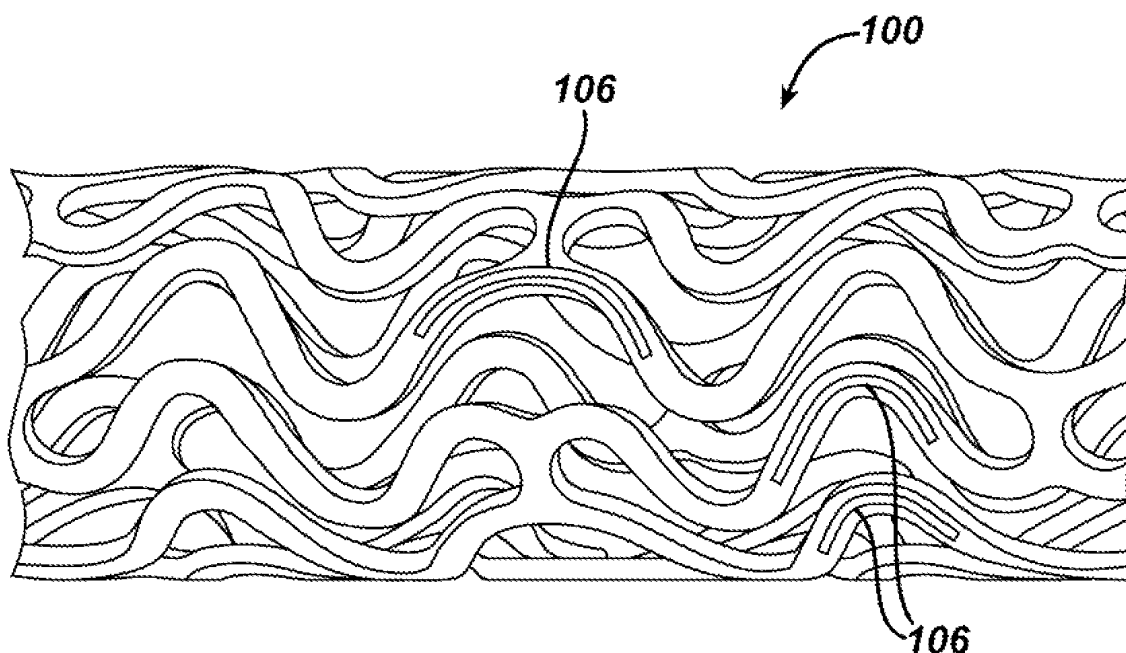
CARDINAL HEALTH SWITZERLAND 515

Family 8/8 - FAMPAT - ©Questel

Title

(EP2108390)

Device for local and/or regional delivery employing liquid formulations of therapeutic agents

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

BRPI0903464	B1	2020-03-31	BR200903464
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**Abstract**

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Medical devices may be utilized for local and regional therapeutic agent delivery. These therapeutic agents or compounds may reduce a biological organism's reaction to the introduction of the medical device to the organism. In addition, these therapeutic drugs, agents and/or compounds may be utilized to promote healing, including the prevention of thrombosis. The drugs, agents, and/or compounds may also be utilized to treat specific disorders, including restenosis, vulnerable plaque, and atherosclerosis in type 2 diabetic patients. In regional delivery, liquid formulations may be desirable to increase the efficacy and deliverability of the particular drug. Various materials and coating methodologies may be utilized to maintain the agents or compounds on the medical device until delivered and positioned.

Inventors

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Latest standardized assignees - inventors removed

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