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(54) Title: TISSUE RESECTION DEVICE AND RELATED METHODS OF USE

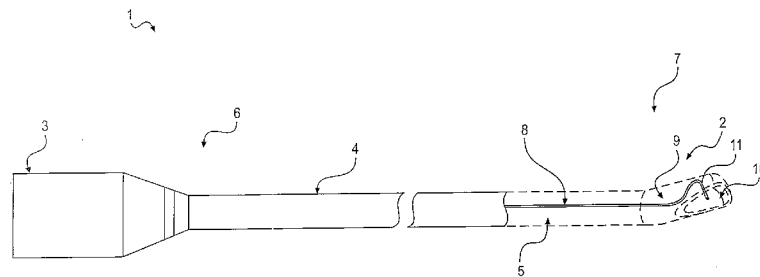
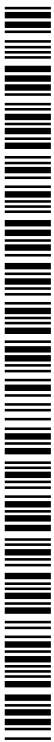


FIG. 2

(57) Abstract: Embodiments of the present disclosure include a method for treating tissue. The method may include delivering a medical device through a channel of an endoscopic device, wherein the medical device may include an elongate member, a cap coupled to a distal end of the elongate member and having a cavity, and an electrically-conductive tool extending into the cavity of the cap. The method may also include extending a portion of the medical device out of the channel of the endoscopic device and to the tissue, drawing a portion of the tissue into the cavity of the cap, electrically activating the tool to pierce the portion of the tissue, and cutting the tissue by moving the medical device along a plane of the tissue.



INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61B18/14
ADD.
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/11638 A1 (FEMRX [US]) 25 April 1996 (1996-04-25) page 10, lines 33-35; figures 1B, 2A -----	21-26, 28-30
X	US 2006/293646 A1 (WHAYNE JAMES G [US] ET AL) 28 December 2006 (2006-12-28) paragraph [0087]; figures 4B, 5, 6A-C -----	21-24, 28-30
X	US 2011/264092 A1 (WYK ROBERT A VAN [US]) 27 October 2011 (2011-10-27) paragraphs [0121] - [0122]; figures 4-10 -----	21,27, 29,30
X	US 2013/041383 A1 (DE LA MORA LEVY JOSE G [US] ET AL) 14 February 2013 (2013-02-14) figure 43 ----- -/--	21

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search 24 July 2014	Date of mailing of the international search report 10/10/2014
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Schmidt, Matthias

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2014/026702

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/244353 A1 (LARSEN DANE M [US]) 18 October 2007 (2007-10-18) paragraph [0107]; figures 16,19,20 -----	21-29
Y	WO 03/068055 A2 (ARTHROCARE CORP [US]) 21 August 2003 (2003-08-21) page 25, lines 20-24; figures 6, 7 -----	21-29
A	"Definition of offset line", McGraw-Hill Dictionary of Scientific and Technical Terms, 6E, 1 January 2003 (2003-01-01), XP055131464, Retrieved from the Internet: URL: http://encyclopedia2.thefreedictionary.com/offset+line [retrieved on 2014-07-24] -----	21
A	US 2003/009085 A1 (ARAI KEIICHI [JP] ET AL) 9 January 2003 (2003-01-09) paragraph [0341]; figures 66,70 -----	21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2014/026702

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2014/026702

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 1-20
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
21-30

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 21-30

An endoscopic device with an offset cap

2. claims: 31-40

An endoscopic device with a securing mechanism and a sealing interface

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 1-20

Method claims 1-20 define methods for treatment of the human or animal body by surgery practised on the human or animal body. They include the step of moving the device to cut tissue. Therefore no search has been performed for the subject-matter of these claims (see Article 17 (2) PCT and Rule 39.1.(iv) PCT) and no written opinion is required for the subject-matter of these method claims (see Rule 43bis.1 and Rule 67.1 (iv) PCT).