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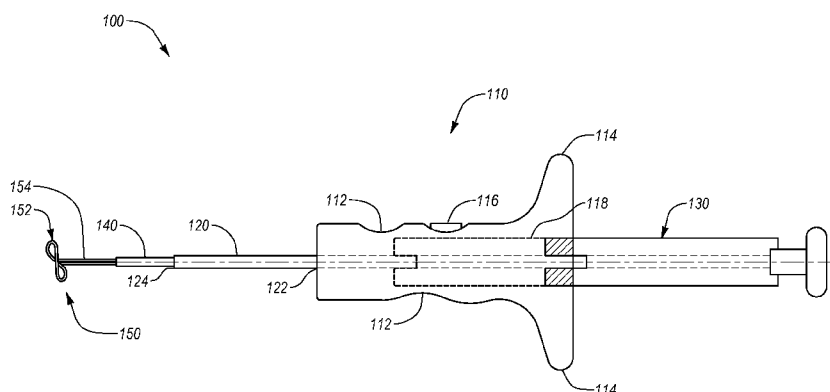


Fig. 1

(57) Abstract: The present disclosure includes anchor members (150) configured to locate and/or anchor tissue surrounding a body lumen opening comprising. In one implementation, the anchor member can include an elongate portion (154) configured to be manipulated by a user and an anchor portion (152). In a further implementation, the anchor portion can have one or more contracted configurations capable of passing through a body lumen opening and one or more expanded configurations capable of anchoring tissue surrounding a body lumen opening.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
 INV. A61B17/00
 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 practical, search terms used)
 EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 045 570 A (EPSTEIN GORDON H [US] ET AL) 4 April 2000 (2000-04-04) figures 1-6 figures 7-10	1-3, 7-10, 32
X	US 2005/187564 A1 (JAYARAMAN SWAMINATHAN [US]) 25 August 2005 (2005-08-25) paragraph [0133]; figures 15-27	1-4, 10
X	US 6 193 708 B1 (KEN CHRISTOPHER G M [US] ET AL) 27 February 2001 (2001-02-27) figures 1-7	1-4, 10
X	US 2007/112304 A1 (VOSS LAVEILLE K [US]) 17 May 2007 (2007-05-17) figures 1-3, 6	1, 2, 4, 5, 10-12
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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	"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
"E" earlier document but published on or after the international filing date	"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
"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)	"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.
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 10 September 2010	Date of mailing of the international search report 23/09/2010
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/049968 A1 (SIBBITT WILMER L JR [US] ET AL) 1 March 2007 (2007-03-01) figures 11A-D paragraph [0037] -----	1, 13-16, 19, 20, 22, 25-27, 30, 31
X	GB 2 397 240 A (BARKER STEPHEN GEORGE EDWARD [GB]) 21 July 2004 (2004-07-21) figures 1-5 page 5, line 8 -----	1, 6, 7, 17-20, 22, 25, 28, 29
X	US 2007/021778 A1 (CARLY MICHAEL T [US]) 25 January 2007 (2007-01-25) figures 4A-C paragraph [0060] -----	1, 6, 19-21, 23, 24, 30

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2010/020660

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.:
because they relate to subject matter not required to be searched by this Authority, namely:

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.:

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: 1-5, 10-12, 32

An anchor member wherein the the anchor portion expands to specific configurations, like a plurality of spirals or a loop (see claims 4 and 11), in order to provide an improved location and anchoring of the anchor member to the tissue surrounding a body lumen opening

2. claims: 6-9, 13-31

An anchor member wherein the anchor portion includes a mesh (claims 6, 17), or the elongate member comprises either a tubular second elongate member and a first elongate member disposed therethrough (claims 7, 19) or a mandrel with teeth disposed along a length thereof (claim 13), all implying specific expansion and contraction mechanisms.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2010/020660

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