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[Continued on next page]

(54) Title: APPLICATOR, ASSEMBLY, AND METHOD FOR CONNECTING AN INLET CONDUIT TO A HOLLOW ORGAN

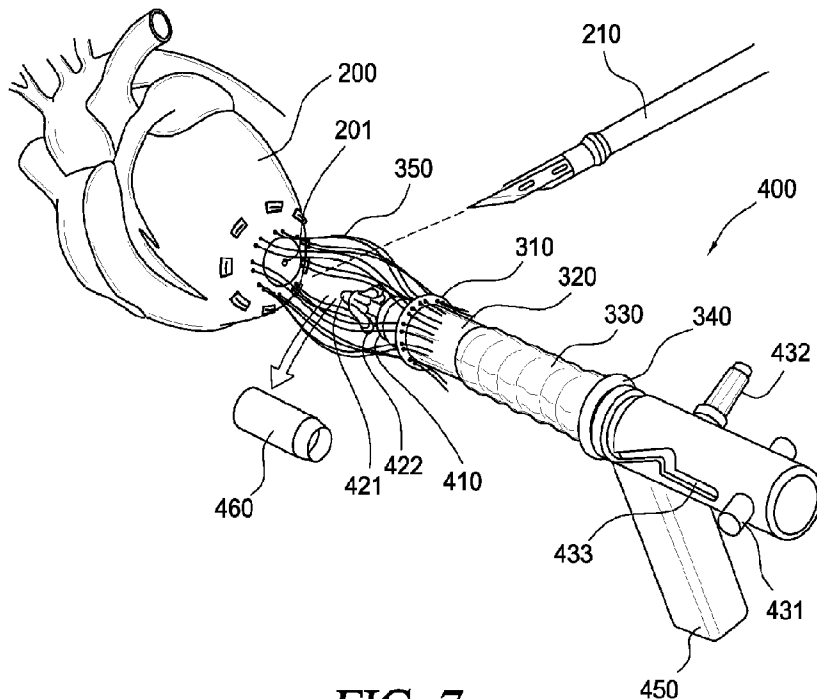


FIG. 7

(57) Abstract: The invention provides an applicator for forming a hole in a wall of a hollow organ and for connecting a hemostatic connection assembly to the hollow organ, wherein, when the hole is formed in the wall of the hollow organ, a first fluid seal exists between the hemostatic connection assembly and the wall of the hollow organ and a second fluid seal exists between the hemostatic connection assembly and the applicator, thereby minimizing fluid loss from the hollow organ. The invention further provides a hemostatic connection assembly for connecting an inlet conduit to a hollow organ, the hemostatic connection assembly comprising an organ wall connection portion, a cuff portion, an extension portion, and a seal ring portion, wherein, during the process of connecting the inlet conduit to the hollow organ, a first fluid seal exists between the organ wall connection portion and the wall of the hollow organ, and a second fluid seal exists between the hemostatic connection assembly and

the inlet conduit, thereby minimizing fluid loss from the hollow organ. A method is also disclosed in which the applicator and hemostatic connection assemblies of the invention are used to connect an inlet conduit to a hollow organ.

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NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. A61B17/11
ADD. A61B17/00 A61B17/32

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	WO 2007/081418 A (CORREX INC [US]; BEANE RICHARD M [US]; BROWN JOHN W [US]; CRUNKLETON J) 19 July 2007 (2007-07-19) page 8, paragraph 34 - page 21, paragraph 66 figures	1-18
X	US 2005/251187 A1 (BEANE RICHARD M [US] ET AL) 10 November 2005 (2005-11-10) page 8, paragraph 103 - page 14, paragraph 144 figures 3-7A, 16-23E	1-18

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 document 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

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/077760

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.: 33-46
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
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 allsearchable 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.:

1-18

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: 1-18

Applicator for forming a hole in a hollow organ and for connecting a hemostatic connection assembly to the hollow organ, the applicator comprising a hole forming element, a retractor element, a retractor sequencing means and a hemostatic connector support element.

2. claims: 19-32

Generic hemostatic connector for connecting a conduit to a hollow organ comprising an organ connection portion, a cuff portion, an extendible extension portion and a seal ring portion.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2008/077760

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2007081418	A	19-07-2007	
		AU 2006335227 A1	19-07-2007
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