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(54) Title: STENT ARRANGEMENT

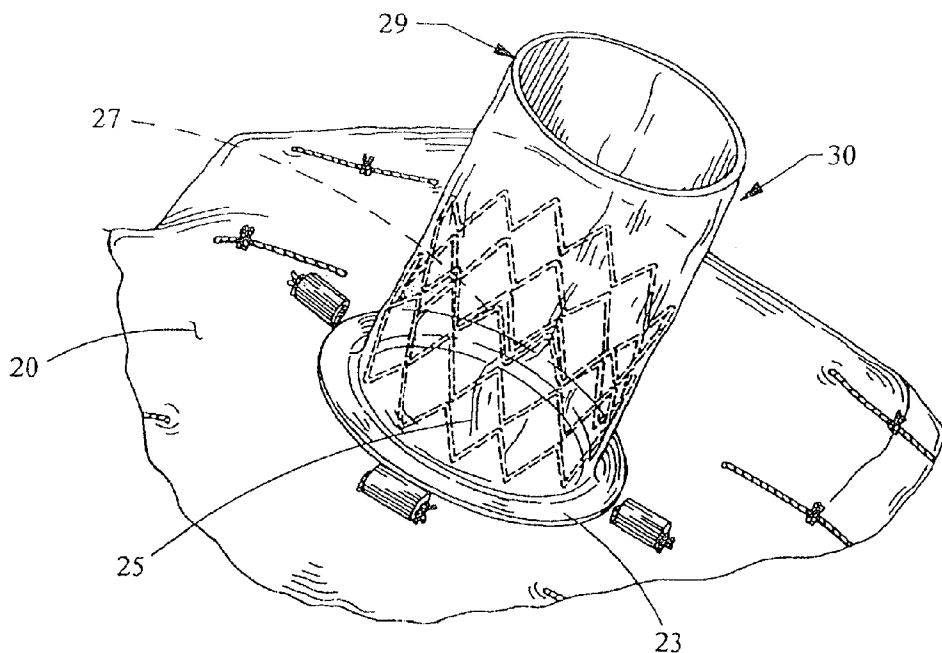


Fig. 2

(57) Abstract: A main stent member, e.g. a stent graft (20), has an opening (25) which is sealingly connected to a secondary stent member (27) by means of an elastic tubular bridging element (30). The bridging element may taper, have walls of varying thickness and/or incorporate reinforcing fibers. The opening (25) may be a fenestration along the length of the graft (20) or at a bifurcation (62, Fig. 9) at one end of the graft.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61F2/06

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)
A61F

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 2007/028112 A (MEDTRONIC VASCULAR INC [US]; BERRA HUMBERTO [US]; WRIGHT MICHAEL [US]) 8 March 2007 (2007-03-08) paragraphs [0039] - [0045], [0048], [0053]; figures 2, 3A-3E, 4, 5, 4A, 7	1-4, 6-12
X	US 2003/130719 A1 (MARTIN ERIC C [US]) 10 July 2003 (2003-07-10) paragraphs [0009] - [0011], [0022] - [0025], [0029]; claims 1, 3-5; figure 1A	1, 2, 4, 7, 9-11
X	WO 2006/036690 A (COOK WILLIAM A AUSTRALIA [AU]; COOK WILLIAM EUROP [DK]; COOK INC [US];) 6 April 2006 (2006-04-06) page 1, line 23 - page 3, line 5 page 10, line 25 - page 11, line 9 page 12, lines 19-23 figures 1-7	1, 2, 6-8, 10, 11

☒ 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
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- * & * document member of the same patent family

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INTERNATIONAL SEARCH REPORT

International application No

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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 2005/004654 A1 (KHOSRAVI FARHAD [US] ET AL) 6 January 2005 (2005-01-06) paragraphs [0044], [0045], [0082] - [0089]; figures 14A-16B -----	1,2,6,7, 9-11
A	US 2004/059406 A1 (CULLY EDWARD H [US] ET AL) 25 March 2004 (2004-03-25) paragraph [0060]; figure 7E -----	1-12

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/008922

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 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 reportcovers 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.:

1-12

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: 1-12

A modular stent-graft with a main member and a secondary member, where the main member has a bridging element for connecting the main member to the secondary member, where the bridging element is more compliant than the stent members.

2. claims: 13-15

A modular stent-graft with a main member and a secondary member, where the main member has a socket for connecting the main member to the secondary member, where the socket has an elastic wall with an embedded stent.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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