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Published:

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
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(54) Title: COATED ENDOLUMINAL IMPLANT

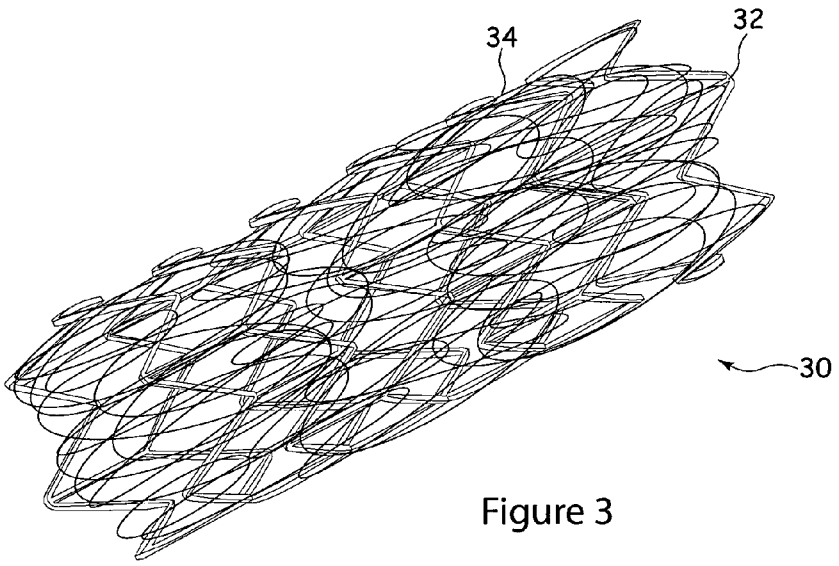


Figure 3

(57) Abstract: A stent structure (30) particularly for use in treating cerebral aneurysms is provided with a fibrous coating (34) which reduces the permeability of the underlying stent (32) to an extent that the flow through the stent structure is sufficiently suppressed to allow for resorbtion of an aneurysm while still providing sufficient flow through the stent structure to allow for flow into the perforator vessels. The fibrous coating may have different permeabilities in different zones of the underlying stent (32). The coating could be applied to other devices such as filters and occluders.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61F2/86

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 A61B D04H D01D

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 2005/187605 A1 (GREENHALGH SKOTT E [US] ET AL) 25 August 2005 (2005-08-25) paragraph [0124] - paragraph [0132]; claims 74,88,93	4-14
Y	paragraph [0048] - paragraph [0052] paragraph [0075]	1-3
X	US 5 380 328 A (MORGAN FRANK H [US]) 10 January 1995 (1995-01-10)	7,10
Y	column 4, lines 1-44 column 7, lines 40-54; figure 8	1-6,8-9, 11-14
X	DE 10 2006 028221 A1 (AESCULAP AG & CO KG [DE]) 20 December 2007 (2007-12-20)	4,7, 10-12
Y	paragraphs [0065] - [0068], [0075], [0091] - [0095]; figures 1-3	1-3,5-6, 8-9

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[X] Further documents are listed in the continuation of Box C.

[X] 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

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
30 June 2009	20/10/2009

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Portoni, Luisa

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.
Y	WO 2006/111801 A (MEDINOL LTD [IL]; RICHTER JACOB [IL]) 26 October 2006 (2006-10-26) the whole document	1-6,8-9, 11-14
Y	WO 99/02092 A1 (SCIMED LIFE SYSTEMS INC [US]) 21 January 1999 (1999-01-21) the whole document	1-6,14
Y	US 2006/206200 A1 (GARCIA ADRIAN [US] ET AL) 14 September 2006 (2006-09-14) paragraph [0020] - paragraph [0022] paragraph [0023] paragraph [0060] paragraph [0065] paragraph [0096] - paragraph [0098]	1-6,14
X,P	WO 2008/154608 A (NANOVASC INC [US]; HASHI CRAIG [US]; O'REILLY ROBERT [US]; CHIN ROY [U) 18 December 2008 (2008-12-18) paragraphs [0095], [0162], [0273]; figures 11-14	7,10-12

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/000935

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. [X] 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.:

see addtional sheet(s)

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: 1-14

   An endoluminally implantable device including an open framework substrate and a covering of randomly oriented fiborus material

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2. claims: 15-16

   A system and a method for coating an endoluminal medical device with a fibrous material

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2009/000935

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