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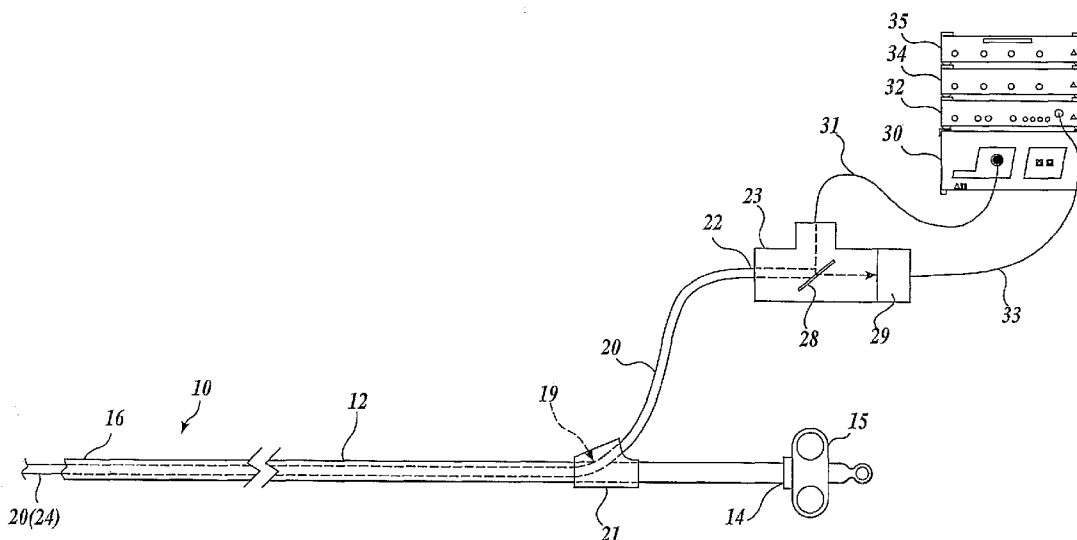
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF USING AN IMAGING CATHETER TO CONDUCT PHOTODYNAMIC PROCEDURES



(57) Abstract: A method of using an imaging catheter for activating (curing) a photodynamic polymer/adhesive is provided. The method generally includes four steps. First, an imaging catheter including a fiber optic cable is inserted within a body cavity or vessel. The fiber optic cable has a first end (e.g., proximal end) and a second end (e.g., distal end), and is configured to transmit electromagnetic irradiation from its first end to its second end and to transmit an image from its second end to its first end. Second, an image of a site of interest (e.g., the location of an aneurysm) within the body cavity or vessel is observed using the fiber optic cable. Third, a suitable photodynamic polymer/adhesive material is applied to the site of interest. Fourth, the fiber optic cable is used to deliver a selected wavelength or wavelength range of electromagnetic energy to the site to thereby cure the photodynamic polymer/adhesive.



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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

INV. A61B1/04 A61B5/00 A61B17/00 A61N5/06

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)
A61B A61N A61K

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, 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	US 5 725 522 A (SINOFSKY EDWARD L [US]) 10 March 1998 (1998-03-10) column 2, line 38 - column 4, line 67; figures 1-10 column 6, line 6 - column 7, line 28	11-16
X	WO 02/07629 A (CERAMOPTEC IND [US]) 31 January 2002 (2002-01-31) page 1, line 7 - line 27; figure 1 page 3, line 4 - page 4, line 2; claims 1-8,11 page 4, line 14 - page 6, line 26	11-16
X	WO 99/45838 A (SPECTRASCIENCE INC [US]) 16 September 1999 (1999-09-16) page 16, line 5 - line 20; figures 1-4 abstract page 5, line 5 - page 12, line 33	11-16

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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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2006/037327

Box 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.: 1-10, 17-20
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 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:

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 fee, this Authority did not invite payment of any additional fee.
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.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2006/037327

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5725522	A	10-03-1998 NONE	
WO 0207629	A	31-01-2002 NONE	
WO 9945838	A	16-09-1999 CA 2322768 A1 EP 1065970 A1 JP 2002505900 T US 6174291 B1	16-09-1999 10-01-2001 26-02-2002 16-01-2001