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(88) Date of publication of the international search report: 13 April 2006

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 AND SYSTEM FOR MOUNTING AN MPS SENSOR ON A CATHETER

(57) Abstract: A catheter (102) for performing a medical operation on an organic lumen, the catheter including an elongated member (108), a medical operational element (112) located at a distal end of the elongated member, an electromagnetic field detector (114) located at the distal end, and a wiring (136) for coupling the electromagnetic field detector with a medical positioning system, wherein the medical positioning system (106) determines the position and orientation of the distal end.
A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 5/06
US CL : 600/424; 128/899

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)
U.S. : 600/424; 128/899

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>Y</td>
<td>US 6,179,811 B1 (FUGOSO et al) 30 January 2001, figure 1, column 1-3</td>
<td>7-10, 50, 61</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,916,241 A (RUDIE et al) 29 June 1999, columns 2-3 and abstract</td>
<td>22, 23, 25, 26, 27, 37, 74, 75</td>
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<td>Y</td>
<td>WO96/05768 (BEN-HAIM et al) 29 February 1996, figure 3, column 10, lines 20-24</td>
<td>24, 62-64, 73</td>
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<td>Y</td>
<td>US 6,233,476 B1 (STROMMER et al) 15 May 2001, figure 5, column 1, lines 59-60</td>
<td>35</td>
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<tr>
<td>Y</td>
<td>US 6,298,259 B1 (KUCHARCZYK et al) 02 October 2001, column 4, lines 17-22</td>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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