Title: MULTIFUNCTIONAL MEDICAL TOOL

Abstract: A multifunctional medical tool for use in proctologic applications, during which a surgeon has to manipulate a surgical instrument, brought within the anal canal. The tool comprises a pistol-grip portion (10) to carry the surgical instrument, an endoscopic means (30°) for insertion within the anal canal and a surgical instrument (56), which can be brought in the anal canal through the endoscopic means (30°). The tool can be used for endoscopic examination or for various invasive proctologic treatments within the anal canal, rectum or distal colon.
(88) Date of publication of the international search report: 12 September 2002

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.
# INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

- IPC(7) : A61B 1/00
- US CL : 600/104, 114

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. : 600/104, 114, 156, 158

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>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X, P</td>
<td>US 6,129,661 A (IAFRATI et al.) 10 October 2000 (10.10.2000).</td>
<td>1, 2, 4</td>
</tr>
<tr>
<td>X, P</td>
<td>US 6,083,151 A (RENNER et al.) 04 July 2000 (04.07.2000).</td>
<td>1, 2, 4</td>
</tr>
<tr>
<td>A</td>
<td>US 5,935,097 A (METZCH et al.) 10 August 1999 (10.08.1999).</td>
<td>1-17</td>
</tr>
</tbody>
</table>

☑ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

- *A* 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 application or patent 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.
  - "F" 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.
  - "A" document member of the same patent family.

Date of the actual completion of the international search: 14 November 2001 (14.11.2001).

Date of mailing of the International search report: 10 MAY 2002.

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703)305-3230

Authorized officer
Linda Drymon

Telephone No. (703) 308-0858

Form PCT/ISA/210 (second sheet) (July 1998)