Title: HEMOSTASIS VALVE AND A METHOD OF USING THE HEMOSTASIS VALVE

Abstract: A hemostasis valve (10) and a method of using the hemostasis valve to form a seal around a medical instrument that has been inserted through at least a portion of the valve. The hemostasis valve (10) comprises a valve body (12) having a proximal end (14) for connecting to a first medical device and a distal end (16) for connecting to a second medical device. The hemostasis valve also includes a first elongated chamber positioned within the valve body. A collapsible member (24) positioned within the valve body defines this first elongated chamber. The first chamber has a first internal volume and is capable of receiving a medical instrument (15). The hemostasis valve additionally comprises a second elongated chamber extending about the first elongated chamber within the valve body.
Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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.

(88) Date of publication of the international search report:
15 July 2004
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : A61M 5/00
   US CL : 604/246
   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. : 604/246, 236, 248, 249, 256, 264

   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>X</td>
<td>US 5,125,915 A (Berry et al) 30 June 1992 (30.06.1992), See fig. 1; Entire reference.</td>
<td>1-11</td>
</tr>
<tr>
<td>X</td>
<td>US 5,403,284 A (Gross) 04 April 1995 (04.04.1995), See figs. 1, 10; Column 3, Line 42 - Column 6; Line 63; Entire reference.</td>
<td>1-11</td>
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<tr>
<td>X</td>
<td>US 5,895,376 A (Schwartz et al) 20 April 1999 (20.04.1999), See fig. 1; Entire reference.</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search
16 May 2004 (16.05.2004)

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