Title: METHOD FOR REMOTELY CONTROLLING A BLOOD FLOW PROCEDURE

Abstract: A remote control sub-system for use in controlling a fluid circuit wherein the fluid circuit includes at least one tubing segment which is operatively engaged with a flow control device such as a pump so that the pump is operable to force fluid to flow in and through the tubing segment. The remote control sub-system has a remote control device with a switching member operatively connected thereto; the remote control device being disjoined from the flow control device yet being disposed in operative communication therewith such that activation of the switching member is effective to turn on or off the flow control device to start or stop the flow of fluid through the tubing segment.
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

INTERNATIONAL APPLICATION No.
PCT/SE 00/02547

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61M 1/00, A61M 1/14
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)

IPC7: A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<td>US 3581575 A (ROBERT ROY BUTLER), 1 June 1971 (01.06.71), column 5, line 34 - column 7, line 13, figures 1,3, abstract</td>
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<td>EP 0857490 A1 (ALTHIN MEDICAL, INC.), 12 August 1998 (12.08.98), column 5, line 31 - line 39; column 7, line 2 - line 6; column 12, line 38 - line 45, figure 1, abstract</td>
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<td>WO 9632887 A1 (INVASATEC, INC.), 24 October 1996 (24.10.96), page 4, line 24 - page 5, line 7; page 6, line 23 - line 29, figure 1</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search: 30 May 2001

Date of mailing of the international search report: 01-06-2001

Name and mailing address of the ISA/Swedish Patent Office
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### INTERNATIONAL SEARCH REPORT

**Box I**  **Observations where certain claims were found unsearchable** *(Continuation of item 1 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 II**  **Observations where unity of invention is lacking** *(Continuation of item 2 of first sheet)*

This International Searching Authority found multiple inventions in this international application, as follows:

see next sheet

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.
First invention
Claim 1-24
Remote control sub-system for a fluid circuit

Second invention
Claim 25-39
Method for remotely controlling a blood flow starting procedure

Third invention
Claim 40-60
Method for stopping bloodflow in an extracorporeal processing system

Claim 25 doesn't comply with Rule 13.1, 13.2 and 13.3. The claimed invention in claim 25
doesn't link the invention in claim 1-24 with a single general inventive step. The technical
statements linking the invention in claim 1 and claim 25 are known from US 3 581 575 A.

Claim 40 doesn't comply with Rule 13.1, 13.2 and 13.3. The claimed invention in claim 40
doesn't link the invention in claim 1-24 and the invention in claim 25-39 with a single general
inventive step. The technical statements linking the invention in claim 1 and claim 40 are
known from US 3 581 575 A.
## INTERNATIONAL SEARCH REPORT

**Information on patent family members**

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