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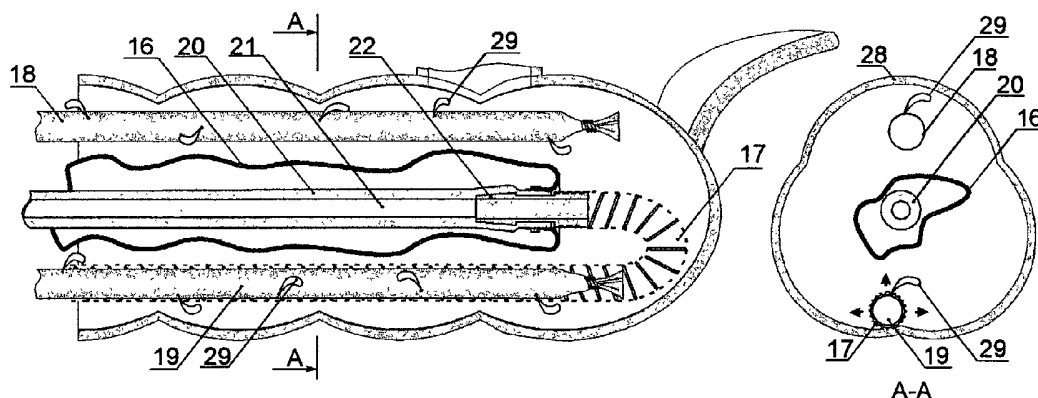
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DISPOSABLE INTESTINAL INTUBATOR WITH DRAIN AND IRRIGATOR



(57) Abstract: The invention is intended for secure emptying of organism's cavities, particularly for colon decompression. The secure emptying of cavity is ensured by a hose (19) with punctures, placed in drain (17). The liquid, feeding into hose, realizes drain's recanalization, irrigates its holes and dilutes cavity contents. Transportation of drain into colon is ensured by synergy of two intubation forces. The vanguard force is generated by fluid pressure which everts invaginator, the rearguard (extraanal) - by "cylinder-piston" unit with a cuff. The hollow unit's piston acts as pneumatic carriage, but cuff is periodically joining with invaginator with drain or their intractor (20). Evacuation of contents is ensured by influx-and-extract method. The sequential connection of intractor and drain ensures not only intubation, but also contents' evacuation through both ends of drain.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/02316

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M1/00 A61M25/00 A61M27/00 A61M25/01 A61F5/445
A61F5/442 A61M3/02

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)

IPC 7 A61M A61F

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	WO 01 32239 A (AHN SUNG SOON ;KIM JAE HWANG (KR); LIM CHULL SU (KR); M I TECH CO) 10 May 2001 (2001-05-10) the whole document	1-3
X	WO 01 00260 A (COLOCARE HOLDINGS PTY LTD ;LAPCEVIC MILOS (AU)) 4 January 2001 (2001-01-04) page 17, line 16 -page 22, line 9; figures 1-7 abstract	1-3
X	US 6 007 521 A (MELMAN ARNOLD ET AL) 28 December 1999 (1999-12-28) column 3, line 64 -column 4, line 67; figures 1-5,12,13	1-3
A	column 5, line 27-42; figures 17-21 -/--	4

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in 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

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 537 985 A (IMAGYN MEDICAL INC) 21 April 1993 (1993-04-21)	1
A	column 4, line 19 -column 5, line 21; figure 1	2-9
A	US 3 911 927 A (RICH ERNEST J ET AL) 14 October 1975 (1975-10-14) column 3, line 54 -column 6, line 51; figures 1-3 abstract	4-9
A	EP 1 036 539 A (MATASOVA VITA) 20 September 2000 (2000-09-20) abstract; figure ALL	4-9
A	SU 927 254 A (MATASOV SERGEJ A) 15 May 1982 (1982-05-15) cited in the application abstract; figure ALL	4-9
A	SU 839 553 A (MATASOV SERGEJ A) 23 June 1981 (1981-06-23) cited in the application abstract; figure ALL	4-9
A	SU 1 055 519 A (MATASOV SERGEJ A) 23 November 1983 (1983-11-23) cited in the application abstract; figure ALL	4-9

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-9

Present claims 1-9 relate to an extremely large number of possible devices. In fact, the claims contain so many options that a lack of clarity within the meaning of Article 6 PCT arises to such an extent as to render a meaningful search of the claims impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear, namely.....

The application appears to be related to a drainage catheter with an irrigation hose, and this catheter is everted. The search has been performed to find similar medical devices for use in the removal of waste products from human body, and in particular the intestines.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

national application No.
PCT/IB 03/02316**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.: 10-11
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 therapy
2. ☒ Claims Nos.: 1-9
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:
see FURTHER INFORMATION sheet PCT/ISA/210
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:

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

In International Application No

PCT/IB 03/02316

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