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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5:

(11) International Publication Number:

WO 92/17219

A61M 1/00

A3

(43) International Publication Date:

15 October 1992 (15.10.92)

(21) International Application Number:

PCT/GB92/00598

(22) International Filing Date:

3 April 1992 (03.04.92)

(30) Priority data:

9107296.7

8 April 1991 (08.04.91)

GB

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(81) Designated States: AT (European patent), AU, BE (European patent), CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), MC (European patent), NL (European patent), SE (European patent), US.

Published

With international search report.

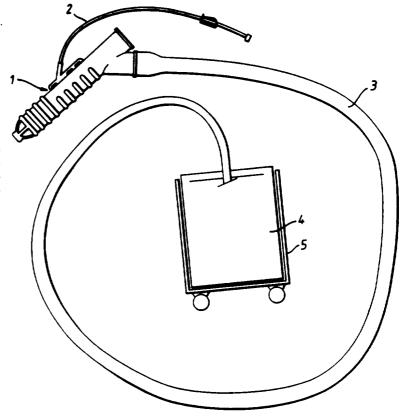
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(88) Date of publication of the international search report:
26 November 1992 (26.11.92)

(54) Title: SURGICAL DEVICE

(57) Abstract

An intra-operative colon irrigation system comprises a drain tube (1) having a cylindrical body (10) with a forward end formed by a dome-shaped nozzle to prevent intussusception of the bowel into the drain tube. The forward end portion of the body is inserted into the bowel, and a rear end portion has a lug (26) with eyes (27) or securing "cable straps" (29) which are applied around the body and the collapsed bowel segment downstream of the bowel opening. To assist in breaking up solid faecal masses the drain tube includes an ultrasonic device (16) or other means.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 92/00598

CLASSIFICA	TION OF SUBJE	CT MATTER (if several classification (IPC) or to both Nation	tion symbols appoint Classification	ply, indicate all)" -	
According to In Int.Cl.5		A 61 M 1/00			
I. FIELDS SE	ARCHED				
		Minimum D	ocumentation S		
Classification	System		Classifica	tion Symbols	
Int.Cl.	5	A 61 M	A 61	B A 61 F	
		Documentation Searched	d other than Mil	nimum Documentation	
		to the Extent that such Docu	ments are Inclu	ded in the Fields Searched ⁸	
III. DOCUME	ENTS CONSIDER	ED TO BE RELEVANT ⁹			Relevant to Claim No.13
Category °	Citation of D	ocument, 11 with indication, where a	appropriate, of the	ne relevant passages 12	Relevant to Claim No.
Y	1975,	3908660 (KAPLAN) 30 see column 1, line es 1,2	O Septemb 58 - col	er umn 2, line 9;	1,2,4,5 ,13-15, 17,20
Y	US,A, 1977,	4002170 (HANSEN) 1 see figures 2,3	l January	/	1,2,4,5 ,13-15, 17,20
Y	1990.	4904238 (WILLIAMS) see column 5, line ; figures 5A,5D,6B	27 Febri s 11-17;	uary column 5, lines	1,2,4, 13-15, 17,20
A	US,A, 1986,	4596554 (DASTGEER) see abstract; figu	24 June ires 2,3 -/		1
"A" doc cor "E" ear fili "L" doc white cits "O" doc out	ridered to be of pa filer document but p ng date nument which may t ich is cited to estab ation or other special cument referring to her means	general state of the art which is not ricular relevance sublished on or after the international hrow doubts on priority claim(s) or lish the publication date of another al reason (as specified) an oral disclosure, use, exhibition or	1 -7x-	later document published after the in or priority date and not in conflict with cited to understand the principle or to invention document of particular relevance; the cannot be considered novel or cannot involve an inventive step document of particular relevance; the cannot be considered to involve an independent of particular relevance; the cannot be considered to involve an independent is combined with one or ments, such combination being obvision the art.	to the application but heory underlying the e claimed invention t be considered to e claimed invention proceedings such docu-
P do	cument published p ler than the priority	rior to the international filing date bu date claimed	ut "&"	in the art. document member of the same pater	at family
	IFICATION	4.4 1		Date of Mailing of this Internationa	Search Report
Date of the		of the International Search			1 9, 10, 92
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. •	IS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)	Relevant to Claim No.
tegory °	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
	US.A.3929126 (CORSAUT) 30 December	1,2,5
İ	US,A,3929126 (CORSAUT) 30 December 1975, see figures 3-6	
		1,5
	US,A,4861333 (MEADOR) 29 August 1989, see abstract; figures 2,4,5	1,5
	1989, see abstract; figures 2,4,5	
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB92/00598

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of ites sheet)
This int	ernational 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 Is	nternational Searching Authority found multiple inventions in this international application, as follows:
	1. Claims 1-6, 8-15, 17-20: 2. Claims 7-15, 17-20: * see form PCT/ISA/206 sent on 21.08.92 3. Claims 16-20:
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 searches 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.: 1-6, 8-15 and 17-20
Rema	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

ANNEX TO THE INTERNATIONAL SEARCH REPORT ON INTERNATIONAL PATENT APPLICATION NO.

GB 9200598

58025 SA

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 14/10/92

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A- 3908660	30-09-75	None	
US-A- 4002170	11-01-77	DE-A,C 260 FR-A,B 233 GB-A- 153	38685 16-06-76 05004 11-08-77 39405 26-08-77 36184 20-12-78 55573 11-05-76
US-A- 4904238	27-02-90	None	
US-A- 4596554	24-06-86	None	
US-A- 3929126	30-12-75	None	
US-A- 4861333	29-08-89	None	