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(54) **Title:** LIQUID CATHETER, PARTICULARLY A URINARY CATHETER, METHOD AND DELIVERY DEVICE

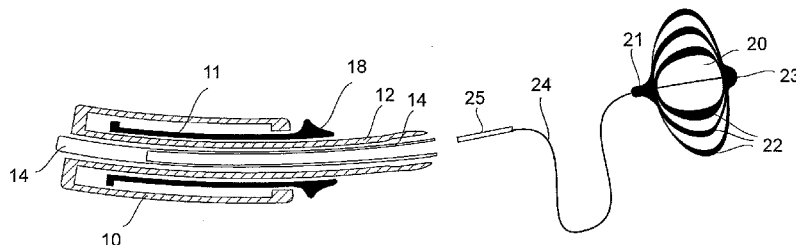


Fig. 3D

(57) **Abstract:** A liquid catheter, in particular a urinary catheter, comprises a catheter shaft part (21) with a longitudinal liquid channel extending between a proximal and distal side thereof, and an anchoring body (22). The catheter body is intended to be received fully internally in a body cavity, such as in particular the urine bladder (50), and to drain the bladder from inside via the urethra (51). For this purpose the catheter body has a length to span a distance between the bladder and a closure point (35) of the sphincter urethrae. An operating member (24, 25) is connected durably to the catheter body to enable a user to carry the catheter body transluminally out of the bladder past the closure point. An insertion device for the catheter comprises an insertion sleeve which can be carried transluminally as far as the urine bladder and from which the catheter body can be carried into the bladder.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/NL2008/050664

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61M25/00 A61M29/00

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)
A61M

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	US 2004/097891 A1 (BOLMSJO MAGNUS [SE] BOLMSJOE MAGNUS [SE] ET AL) 20 May 2004 (2004-05-20) paragraph [0007] - paragraph [0011] paragraph [0036] - paragraph [0040] paragraph [0044] - paragraph [0054]	1-5,9, 13-15,24
Y	figures 8-10	7,8,11
X	US 5 518 498 A (LINDENBERG JOSEF [DE] ET AL) 21 May 1996 (1996-05-21) column 1, line 55 - column 4, line 30	14,25
Y	figure 2	7,8
X	US 5 176 664 A (WEISMAN KENNETH [US]) 5 January 1993 (1993-01-05) column 1, line 30 - column 2, line 66 figures 1,2	1-5,9,13
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
* Special categories of cited documents :	
A document defining the general state of the art which is not considered to be of particular relevance	*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
E earlier document but published on or after the international filing date	*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
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)	*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.
O document referring to an oral disclosure, use, exhibition or other means	*&* document member of the same patent family
P document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 25 September 2009	Date of mailing of the international search report 06/10/2009
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Berndorfer, Urs

INTERNATIONAL SEARCH REPORT

International application No

PCT/NL2008/050664

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/043940 A (PROSTALUND OPERATIONS AB [SE]; BOLMSJOE MAGNUS [SE]; SCHELIN SONNY [SE]) 19 April 2007 (2007-04-19) page 6, line 14 - page 7, line 13 page 8, line 11 - line 14 page 12, line 7 - line 29 page 14, line 11 - line 18 page 14, line 31 - page 16, line 25 page 24, line 6 - line 23 figures 2,3,6-9	1-3,5,9,12
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Y	WO 00/21462 A (SCIMED LIFE SYSTEMS INC [US]) 20 April 2000 (2000-04-20) page 11, line 9 - line 10	11

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NL2008/050664

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 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.: 26-28
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 surgery (...wherein the catheter body is introduced transurethally at least partially into the urine bladder,...)
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 No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

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

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
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 and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-13

Liquid catheter comprising a catheter body with a longitudinal liquid channel, an anchoring body on the distal side of the shaft part and a operating member being durably connected to the catheter body.

2. claims: 14-25

Insertion device for a liquid catheter comprising an insertion sleeve and a proximal push member.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/NL2008/050664

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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