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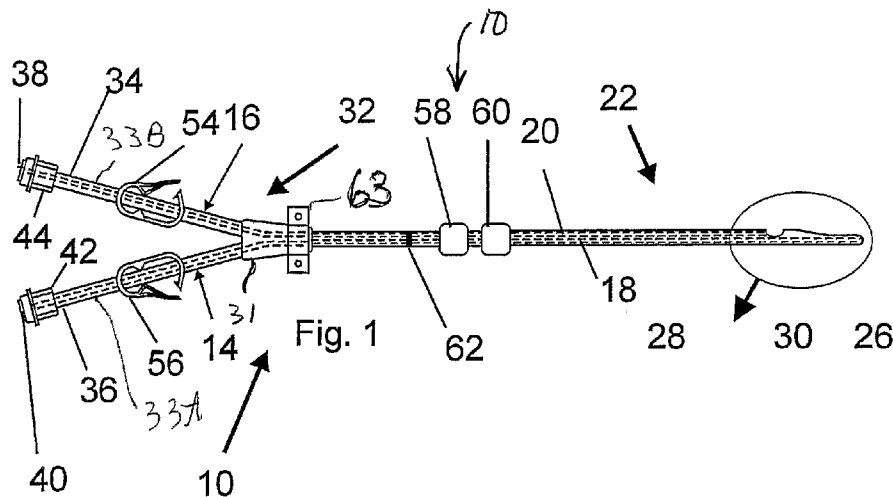
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(54) Title: CATHETER AND TUNNELING DEVICE THEREFOR



(57) Abstract: A catheter for introduction and removal of fluids from a body and tunneling device therefor, the catheter has a body having a first conduit for removing fluid from the body and a second conduit for delivering fluid to the body wherein at least a part of each of the lumens is integrally formed within a first end of the body and extends along side one another. The first conduit extends beyond the second conduit and forms a terminal point of the first end and defines a first opening thereat and the second conduit extends to a point short of the terminal point defining a second opening. A bumper portion is adjacent the second opening extending toward the terminal point. Another part of each the first and the second lumens are disjoined and form part of a second Y-shaped end. The tunneling device has a channel to removably receive the catheter.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/29393

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **A61M 5/00( 2006.01),3/00( 2006.01);A61B 19/00( 2006.01)**  
  
 USPC: 604/43,508  
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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 604/43, 508, 264, 500

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**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/0096585 A1 (Schon et al.) 5 May 2005 (05.05.2005), figures 1, 5, 12-20.	1-13
X	US 2004/0065333 A1 (Wilson et al.) 8 April 2004 (08.04.2004), figures 1, 2, 6.	1-13
X	US 6,595,966 B2 (Davey et al.) 22 July 2003 (22.07.2003), figures 3A, 3B, 5A, 5B.	1-13

Further documents are listed in the continuation of Box C.  See patent family annex.

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