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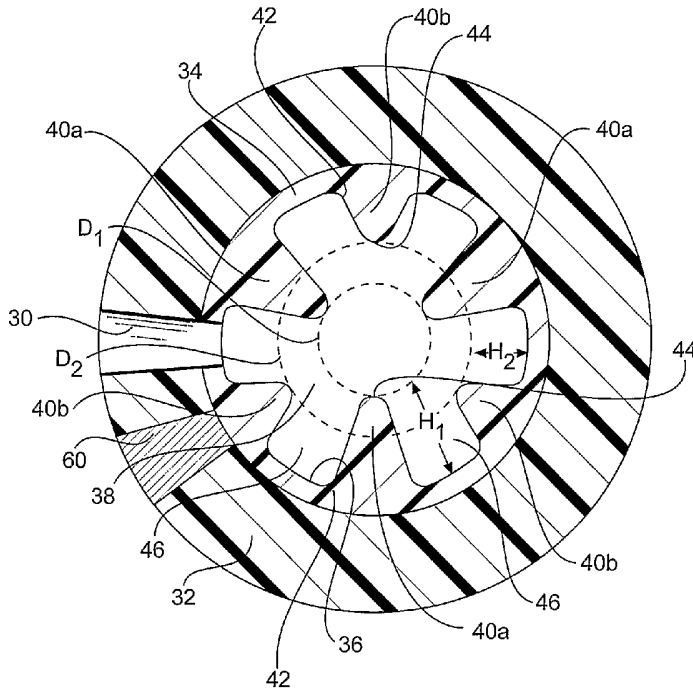
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[Continued on next page]

(54) Title: RIBBED CATHETER



(57) Abstract: A catheter for delivering medication from a fluid source to an anatomical site of a patient is provided. The catheter comprises an elongated tube having an outer wall extending between an open proximal end and a closed distal end of the elongated tube and an inner wall coaxially disposed within the outer wall. The inner wall has an inner surface to define a lumen. A plurality of openings are defined in the walls to discharge the fluid from the lumen to the anatomical site. A plurality of ribs having different configurations are disposed on the inner surface to reinforce the catheter to provide kink resistance and to prevent the blockage of fluid flow within the lumen.

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**INTERNATIONAL SEARCH REPORT**

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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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)  
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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)

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 792 116 A (BERG ET AL) 11 August 1998 (1998-08-11)  column 7, lines 31-47; figure 4 -----	1-11, 16, 19-29, 33-36, 38, 41, 42
X	US 4 601 713 A (FUQUA ET AL) 22 July 1986 (1986-07-22)  column 8, lines 32-46; figure 14 -----	1-9, 16, 19-27, 38, 42
A	EP 0 784 990 A (BECTON DICKINSON AND COMPANY) 23 July 1997 (1997-07-23)  the whole document -----	1, 12, 15, 17-19, 39, 40, 42
A	EP 0 824 932 A (BECTON, DICKINSON AND COMPANY) 25 February 1998 (1998-02-25) abstract; figures -----	1, 19, 42

Further documents are listed in the continuation of Box C.

See patent family annex.

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- \* & \* document member of the same patent family

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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