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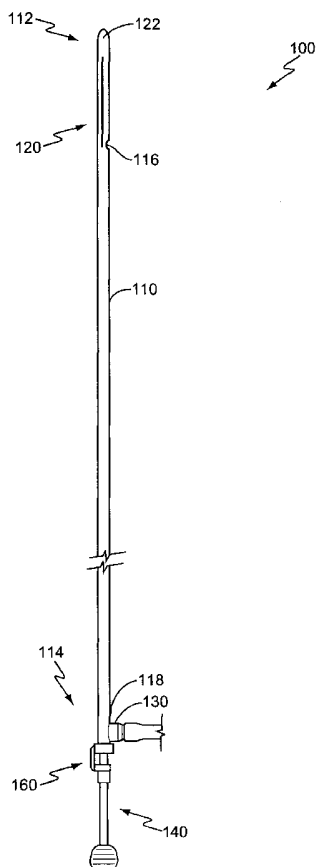
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[Continued on next page]

(54) Title: CATHETER



(57) Abstract: The catheter includes an outer tube with an inlet end portion and a stop formed on the inlet end portion. The stop, which normally assumes a collapsed orientation, is moveable between a collapsed orientation and a deployed orientation. The catheter may include at least one of a diagnostic port disposed on the outer tube proximate the bottom of the stop, a locking device proximate the bottom of the catheter for securing the stop in the deployed orientation, and an actuator for operatively moving the stop between collapsed and deployed orientations. Applying force to the actuator moves the stop from the collapsed orientation to the deployed orientation. The actuator may also include a fail-safe mechanism designed to fail when a predetermined amount of force is applied to the actuator.



Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A 61 M 1/00

US CL : 604/540

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)

U.S. : 604/540, 104-109, 96.01, 908, 912, 915

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 4 627 838 A (CROSS et al.) 09 December 1986, see entire document.	1-5, 24-28
X	US 2001/0 056 273 A1 (EWERS) 27 December 2001, see entire document.	8-11 13
X	US 3 108 595 A (OVERMENT) 29 October 1963, see entire document.	17-21, 23, 29, 32

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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