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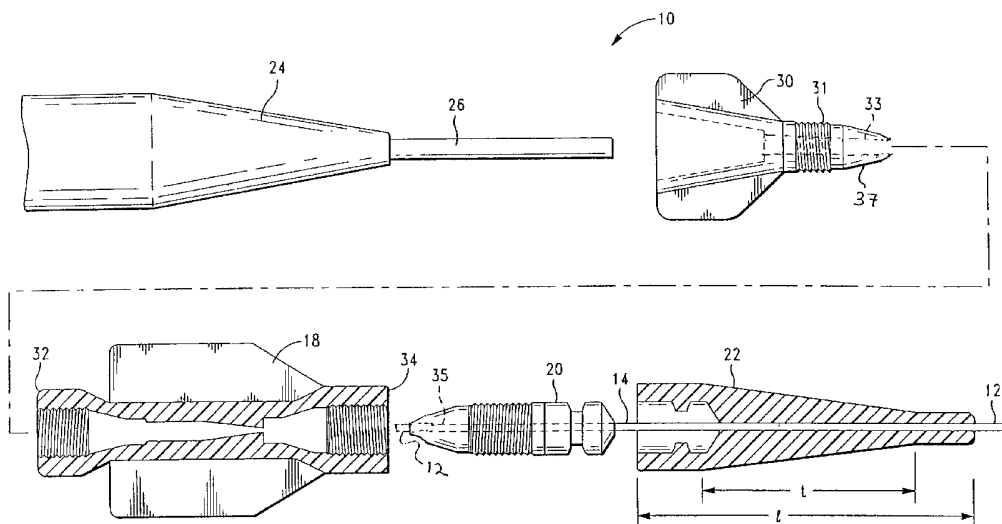
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HIGH PRESSURE INJECTION SYSTEM



(57) Abstract: A catheter (10) and system for delivering viscous fluid, under high pressures, into the vasculature of a patient includes a catheter body (12) having a proximal end (14) and a distal end (16), a reinforcing member (38) surrounding at least a portion of the proximal end (14), and a compression fitting (20) surrounding the reinforcing member (38) for holding the proximal end (14) to prevent kinking of the catheter body (12). A strain relief element (22) shrouds a portion of the proximal end (14) to prevent kinking of the catheter body (12). Accordingly, the reinforcing member (38), the compression fitting (20) and the strain relief element (22) cooperate to hold the catheter body (12) in a luer fitting (18) and to prevent the proximal end (14) of the catheter body (12) from kinking under bending, and to prevent leakage or bursting under pressure.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61M 5/00, 5/315, 29/00 US CL : 604/96,97,98,100,110,218,243,263 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. : 604/96,97,98,100,110,218,243,263 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 5,226,898 A (GROSS) 13 July 1993 (13.07.1993), see entire document.	11,14,17-20,25
A	US 4,187,848 A (TAYLOR) 12 February 1980 (12.02.1980), see entire document.	1-29
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"P"	document published prior to the international filing date but later than the priority date claimed	
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