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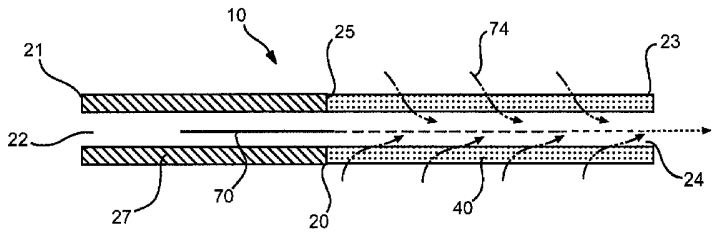
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(54) Title: CATHETER FOR MODIFICATION OF AGENT FORMULATION



(57) Abstract: The present invention provides a catheter (10) for use in delivering formulation that allows modification of the formulation prior to or concomitant with its transport or at a delivery site. The catheter (10) comprises an elongate body (20), which defines an inner lumen (26) extending between the proximal (21) and distal (23) ends, and a modifying element (40), which provides for modification of one or more components of a formulation prior to or concomitant with release at the delivery site.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61M 31/00, 37/00
US CL : 604/103.01

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. : 604/103.01, 103.02, 264, 890.1, 891.1, 892.1

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 --- Y	US 6,206,915 A (Fagan et al.) 27 March 2001(Column 3, lines 37-52 and Figures 1-4).	1-8, 24 --- 17-20, 25-27
Y	US 5,523,092 A (Hanson et al.) 4 June 1996 (04.06.1996), columns 15 and 16.	16, 24-27
X,P	US 6,364,856 A (Ding et al.) 2 April 2002 (02.04.2002), column 4, lines 1-9.	1-15, 24
Y	US 4,913,702 A (Yum et al.) 3 April 1990 (03.04.1990), column 4, lines 24-30.	17-19
Y	US 6,093,180 A (Dennis D. Elsberry) 25 July 2000 (25.07.2000), column 2, lines 40-54.	17-18, 20

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

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