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(71) Applicant (for all designated States except US): ANIMAS CORPORATION [US/US]; 200 Lawrence drive, West Chester, PA 19380 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): TASHJIAN, Paul [US/US]; 1396 Nathan Hale Drive, Phoenixville, PA 19460 (US).

(74) Agent: ETKOWICZ, Jacques, L.; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).

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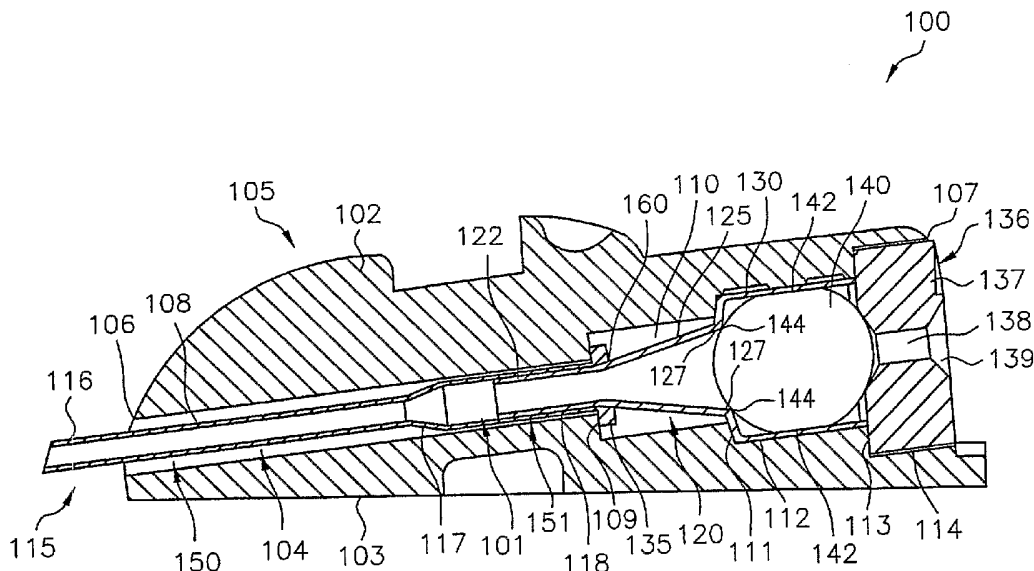
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(54) Title: METHOD AND SYSTEMS FOR PROVIDING AN INFUSION DEVICE INTERFACE



(57) Abstract: An infusion device (100) comprising an infuser base (105), a cannula (115) and a ferrule (120). The infuser base (105) having a bore (104) extending therethrough, the bore (104) having a distal and proximal ends the proximal end having an inside first diameter. A flange (135) extends radially outward from the cannula proximal end. The cannula (115) is positioned in the bore (104) such that the flange (135) is positioned adjacent the shoulder (109). The ferrule (120) has an insertion portion (122), having an outside second diameter which is substantially equal to the first diameter, and a tapered portion (125) extending from the insertion portion (122). The ferrule (120) is positioned in the bore (104) such that the insertion portion (122) and a portion of the tapered portion (125) are received in the cannula proximal end and the flange (135) is compressed between the shoulder (109) and the tapered portion (125) to define a seal (160) between the cannula (115) and the ferrule (120).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/25931

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61M 5/00(2006.01)

USPC: 604/244

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. : 604/244, 167.01-167.06,93.01,246,256,264

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)

EAST: cannula, "infusion device", ferrule, seal, septum, base, infusion

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,749,589 B1 (Douglas et al.) 15 June 2004 (15.06.2004), See entire document.	1-32
A	US 6,302,866 B1 (Marggi) 16 October 2001 (16.10.2001), See entire document.	1-32
A	US 6,056,718 A (Funderburk et al.) 02 May 2000 (02.05.2000), See entire document.	1-32



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Nicholas Lucchesi

Telephone No. 571-272-8759