(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 13 February 2003 (13.02.2003)

PCT

(10) International Publication Number WO 03/011357 A3

(51) International Patent Classification⁷: A61M 37/00

(21) International Application Number: PCT/US02/23387

(22) International Filing Date: 23 July 2002 (23.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/308.328 27 July 2001 (27.07.2001) US

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

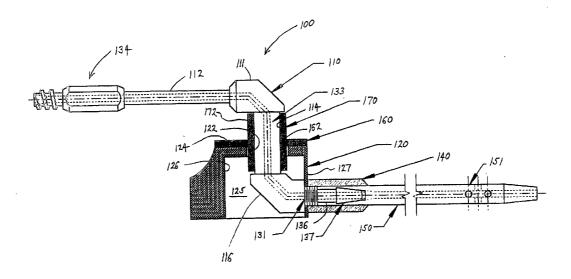
with international search report

(88) Date of publication of the international search report:

16 October 2003

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: MEDICAL DEVICE WITH ADJUSTABLE EPIDERMAL TISSUE INGROWTH CUFF



(57) Abstract: Methods and apparatus are disclosed for making and using adjustable epidermal tissue ingrowth cuff and catheter assemblies (100) for transcutaneous placement to provide periodic or continuous external access for medical purposes to an interior body region of a patent who requires such medical treatment over an extended period of time.

O 03/011357 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/23387

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61M 37/00 US CL : 604/288.01 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.: 604/288.01, 288.02, 288.03, 288.04, 28, 29, 264, 523, 174, 93.01, 48 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 ap		Relevant to claim No.	
X Y	US 4,578,063 Å (INMAN et al.) 25 March 1986 (25. specification.	03.1986), Figures 1-10 and entire	1-12, 14, 18-24, 26-39, 41, 46-51, 54, 55 	
Further documents are listed in the continuation of Box C. See patent family annex.				
Land 1				
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "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) "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 Date of the actual completion of the international search 15 December 2002 (15.12.2002) Name and mailing address of the ISA/US		date and not in conflict with the applic principle or theory underlying the inventor of particular relevance; the considered novel or cannot be considered novel or cannot be considered to involve an inventive stee combined with one or more other such being obvious to a person skilled in the document member of the same patent. Date of mailing of the international sear 15 APR 200	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 document member of the same patent family mailing of the international search report 15 APR 2003	
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Washington, D.C. 20231				
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Form PCT/ISA/210 (second sheet) (July 1998)				