

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number  
**WO 2005/009508 A3**

(51) International Patent Classification<sup>7</sup>: **A61F 2/06**

(21) International Application Number:  
PCT/US2004/023194

(22) International Filing Date: 19 July 2004 (19.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/489,288 22 July 2003 (22.07.2003) US  
10/781,503 18 February 2004 (18.02.2004) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

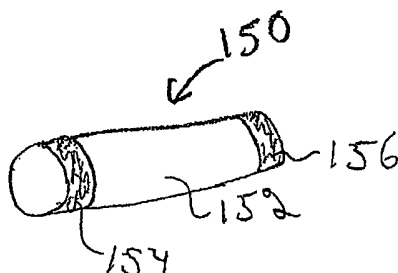
(88) Date of publication of the international search report:  
17 November 2005

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.



WO 2005/009508 A3

(54) Title: MEDICAL ARTICLES INCORPORATING SURFACE CAPILLARY FIBER



(57) Abstract: Medical devices are described that comprise surface capillary (SCF) fibers(194), which can impart desirable properties to the devices. For example, implantable prostheses (152) are described comprising SCF fibers (194). In other embodiments, catheters (280) are described having SCF fibers along the surface of the catheters. In addition, SCF fibers (194) can be useful for the delivery of bioactive agents in association with the fibers. Due to the fluid flow capabilities of the fibers (194), medical devices are described that incorporate fiber matrices to facilitate blood delivery to cells within the structure.

**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/US04/23194

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC(7) : A61F 2/06  
 US CL : 623/1.54,1.42  
 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. : 623/1.54,1.42

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.
Y	US 4044404 A (MARTIN ET AL) 30 AUGUST 1977, ENTIRE DOCUMENT	1-52
Y	US 6263880 B1 (PARKER, ET AL) 24 JULY 2001, ENTIRE DOCUMENT	1-52
Y	US 6395029 B1 (LEVY) 28 MAY 2002, ENTIRE DOCUMENT	1-52

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"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: 06 September 2005 (06.09.2005)  
 Date of mailing of the international search report: 04 OCT 2005

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