

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 August 2008 (07.08.2008)

PCT

(10) International Publication Number
WO 2008/094971 A3

(51) International Patent Classification:
A61F 2/06 (2006.01)

(21) International Application Number:
PCT/US2008/052408

(22) International Filing Date: 30 January 2008 (30.01.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/898,356 30 January 2007 (30.01.2007) US

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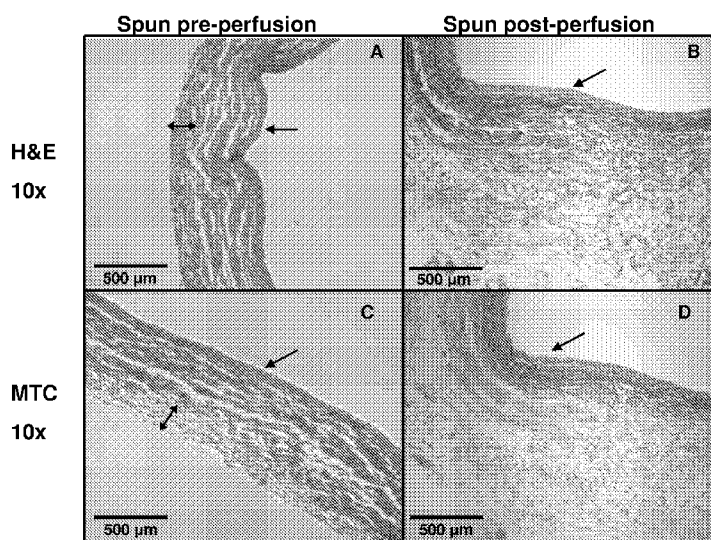
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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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),

[Continued on next page]

(54) Title: BIOERODIBLE WRAPS AND USES THEREFOR



(57) Abstract: A tubular tissue graft device is provided comprising a tubular tissue and a restrictive fiber matrix of a bioerodible polymer about a circumference of the tubular tissue. The matrix may be electrospun onto the tubular tissue. In one embodiment, the tubular tissue is from a vein, such as a saphenous vein, useful as an arterial graft, for example and without limitation, in a coronary artery bypass procedure. Also provided is method of preparing a tubular graft comprising depositing a fiber matrix of a bioerodible polymer about a perimeter of a tubular tissue to produce a tubular tissue graft device. A cardiac bypass method comprising bypassing a coronary artery with a tubular tissue graft device comprising a vein and a restrictive fiber matrix of a bioerodible polymer about a circumference of the vein also is provided.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
16 October 2008

Published:

— *with international search report*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 08/52408

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61F 2/06 (2008.04)

USPC - 623/1.38

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)

IPC(8): A61F 2/06 (2008.04)

USPC: 623/1.38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 600/36, 623/1.1

IPC(8): A61F 2/00, 2/04 (2008.04)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST, PUBMED, Google Scholar: (vein or venous or artery or urethra or intestine or esophagus or ureter or trachea or bronchi or fallopian) and graft and saphenous and electrosp\$6 and (\$6urethane or \$5 urea or collagen or elastin) and \$6hydroxy adj acid and \$6lactide and lactone and polycaprolactone and (urethane and carbonate

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/028583 A2 (GRAVETT et al.) 8 April 2004 (08.04.2008) p 2, ln 11-27; p 3, ln 6-17; p 4, ln 8-11; p 6, ln 32-33; p 7, ln 1-4; p 25, ln 10-20; p 26, ln 10-11; p 30, ln 17-20; p 31, ln 9-12; p 37, ln 11-20; p 40, ln 3-7	1-2, 7, 9-19, 24-26, 28-30, 32, 40, 42, 45-48, 50-59, 62, 65-67, 69-71, 74 and 82
----- Y		3-6, 8, 20-23, 27, 31, 33-39, 41, 43-44, 49, 60-61, 63-64, 68, 72-73 and 75-81
Y	US 2006/0240061 A1 (ATALA et al.) 26 October 2006 (26.10.2006) para [0003], [0064], [0069], [0081], [0090]-[0095], [0128]-[1031], [0152]-[0156], [1085]	3, 21-23, 27, 31, 33-39, 43, 61, 63-64, 68, 72-73, and 75-81
Y	US 2006/0085063 A1 (SHASHTRI et al.) 20 April 2006 (20.04.2006) para [0089]-[0090], [0137], [0144]-[0146], [0257]	4-6, 8, 20, 41, 44, 49 and 60

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"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

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Date of the actual completion of the international search

25 July 2008 (25.07.2008)

Date of mailing of the international search report

30 JUL 2008

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