

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/102222 A3

(51) International Patent Classification:
A61F 2/82 (2006.01)

(21) International Application Number:
PCT/US2005/007208

(22) International Filing Date: 4 March 2005 (04.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/822,063 8 April 2004 (08.04.2004) 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, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

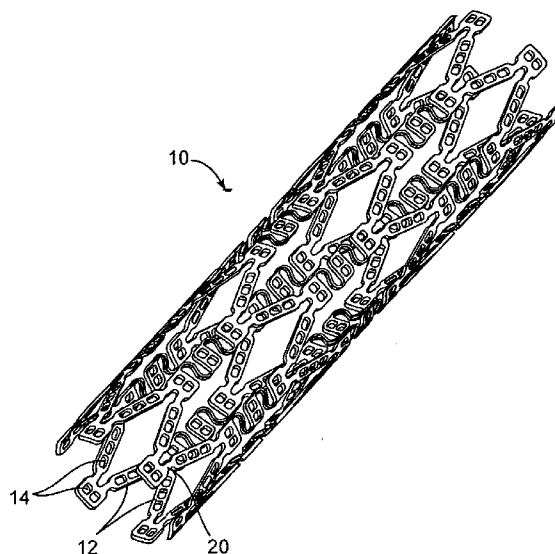
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, 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

[Continued on next page]

(54) Title: BIORESORBABLE STENT WITH BENEFICIAL AGENT RESERVOIRS



(57) Abstract: A bioresorbable drug delivery stent includes a substantially cylindrical expandable stent formed of a bioresorbable material and a plurality of reservoirs or openings formed in the stent containing a beneficial agent matrix comprising a bioresorbable material and drug. The bioresorbable stent material can be a bioresorbable metal alloy, a bioresorbable polymer, or other bioresorbable material which has sufficient structural integrity to support a lumen, such as a blood vessel lumen for a predetermined period of time. The reservoirs containing the beneficial agent matrix allow delivery of the beneficial agent, such as an anti-restenotic drug, for an administration period which is generally equal to or less than a time that the bioresorbable stent is retained in the lumen. The beneficial agent matrix may include one or more bioresorbable polymers in combination with one or more therapeutic agents or drugs and the structure of the beneficial agent matrix can be programmed to achieve a desired release profile for the drug(s) and a desired administration period.



WO 2005/102222 A3



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

23 August 2007

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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/07208

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61F 2/82**(2006.01)

USPC: 623/1.15,1.42

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. : 623/1.15, 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 6,287,332 B1 (BOLZ ET AL.) 11 SEPTEMBER 2001, COL. 2, LINE 6 TO COL. 3, LINE 58.	1-39
Y	US 6,241,762 B1 (SHANLEY) 05 JUNE 2001, COL. 14, LINES 26-38.	1-39

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☐ See patent family annex.

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"&"

document member of the same patent family

Date of the actual completion of the international search

14 June 2007 (14.06.2007)

Date of mailing of the international search report

03 JUL 2007

Name and mailing address of the ISA/US

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