${\bf (19)}\ World\ Intellectual\ Property\ Organization$

International Bureau





PCT

(43) International Publication Date 11 October 2007 (11.10.2007)

(51) International Patent Classification:

A61L 31/10 (2006.01) **A61L 31/16** (2006.01)

6.01)

(21) International Application Number:

PCT/US2007/005228

(22) International Filing Date:

26 February 2007 (26.02.2007)

B05D 1/36 (2006.01)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/395,014

31 March 2006 (31.03.2006) U

- (71) Applicant (for all designated States except US): AD-VANCED CARDIOVASCULAR SYSTEMS, INC. [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MCNIVEN, Andrew [CA/IE]; 3 Meadowlands, Clonmel (IE). ESBECK, Thomas [US/US]; 39710 Ranchwood Drive, Murrieta, CA 92563 (US). DING, Ni [US/US]; 4103 Cortona Court, San Jose, CA 95135 (US). PACETTI, Stephen, D. [US/US]; 4578 Madoc Way, San Jose, CA 95130 (US). HOSSAINY, Syed Faiyaz, Ahmed [US/US]; 34325 Tupelo Street, Fremont, CA 94555 (US).
- (74) Agents: KERRIGAN, Cameron, K. et al.; Squire, Sanders & Dempsey L.L.P., 1 Maritine Plaza, Suite 300, San Francisco, CA 94111-3492 (US).

- (10) International Publication Number WO 2007/114890 A3
- (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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, 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), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, 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:

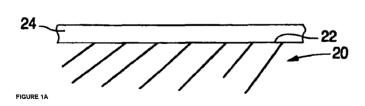
27 November 2008

(15) Information about Correction:

Previous Correction:

see Notice of 10 January 2008

(54) Title: FLUID TREATMENT OF A POLYMERIC COATING ON AN IMPLANTABLE MEDICAL DEVICE



(57) Abstract: A method for modifying a polymeric coating on an implantable medical device, such as a stent, is disclosed. The method includes application of a fluid to a wet or dry polymeric coating with and without drugs.



WO 2007/114890 A3 |||||||||||||

INTERNATIONAL SEARCH REPORT

International application No PCT/US2007/005228

CLASSIFICATION OF SUBJECT MATTER VV. A61L31/10 A61L3 INV. A61L31/16 B05D1/36 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) A61L 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 practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category' Citation of document, with indication, where appropriate, of the relevant passages 1 - 36X US 2006/029637 A1 (TICE THOMAS R [US] ET AL) 9 February 2006 (2006-02-09) page 1, paragraph 5 page 2, paragraph 23 - paragraph 28 page 3, paragraphs 40,42,49 page 4, paragraph 50 - paragraph 60 page 5, paragraph 62 - paragraph 65 page 7, paragraph 80 claims 1-4,8,10-13,15,21-24,29-34 33-36 & US 2004/220665 A1 (HOSSAINY SYED F A [US] ET AL) 4 November 2004 (2004-11-04) page 1, paragraph 12 page 2, paragraph 13 - paragraph 16 page 4, paragraphs 41,42,44,46 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 "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document referring to an oral disclosure, use, exhibition or document is combined with one or more other, such docu other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 02/10/2008 26 September 2008 Authorized officer Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Dudás, Eszter

INTERNATIONAL SEARCH REPORT

International application No PCT/US2007/005228

	tion). DOCUMENTS CONSIDERED TO BE RELEVANT		 		
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.		
X	US 5 980 972 A (DING NI [US]) 9 November 1999 (1999-11-09) column 1, line 37 - column 2, line 20 column 2, line 42 - line 44 column 4, line 18 - line 21 claims 1,3-11,13-15,17		1,3-5,7, 11,17,18		
A	US 2005/106203 A1 (ROORDA WOUTER E [US] ET AL ROORDA WOUTER E [US] ET AL) 19 May 2005 (2005-05-19) page 1, paragraphs 2,8,9 page 2, paragraphs 18,19	:	1-36		
	•	٠,			

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2007/005228

Patent document cited in search report	·	Publication date		Patent family member(s)	Publication date
US 2006029637	A1	09-02-2006	NONE		
US 2004220665	A1	04-11-2004	NONE.		
US 5980972	Α	09-11-1999	NONE		
US 2005106203	A1	19-05-2005	NONE		· ·