

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 April 2008 (03.04.2008)

PCT

(10) International Publication Number
WO 2008/039308 A3

- (51) International Patent Classification:
A61L 31/14 (2006.01) A61L 31/16 (2006.01)
Dracut, MA 01826 (US). CARLTON, Trevor [US/US]; 1 Copeland Drive, Hudson, NH 03051 (US).
- (21) International Application Number:
PCT/US2007/019978
- (22) International Filing Date:
14 September 2007 (14.09.2007)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
11/525,390 22 September 2006 (22.09.2006) US
- (71) Applicant (for all designated States except US): ATRIUM MEDICAL CORPORATION [US/US]; 5 Wentworth Drive, Hudson, NH 03051 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HERWECK, Steve, A. [US/US]; 4 Crestwood Lane, Nashua, NH 03062 (US). SWANICK, Thomas, M. [US/US]; 60 Sawmill Road, Hillsborough, NH 03244 (US). FERRARO, Joseph [US/US]; 36 Sherwood Road, Londonderry, NH 03053 (US). MARTAKOS, Paul [US/US]; 1 Regis Drive, Pelham, NH 03076 (US). ROGERS, Lisa [US/US]; 4 King Edward Drive, Londonderry, NH 03053 (US). KARWOSKI, Theodore [US/US]; 61 Hannah Drive, Hollis, NH 03049 (US). FAUCHER, Keith, M. [US/US]; 30 Kessler Farm Drive, Apt. 359, Nashua, NH 03063 (US). MCNAMARA, Philip [US/US]; 10 Dartmouth Street, Concord, NH 03301 (US). LABRECQUE, Roger [US/US]; 20 Buckingham Drive, Londonderry, NH 03053 (US). CONROY, Suzanne [US/US]; 23 Diamond Drive,
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, 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), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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:
18 June 2009

(54) Title: PERFORATED BIOABSORBABLE OIL FILM AND METHODS FOR MAKING THE SAME

(57) Abstract: A bio-absorbable stand-alone film is derived at least in part from fatty acids. The bio-absorbable stand-alone film can have anti-adhesive, anti-inflammatory, non-inflammatory, and wound healing properties, and can additionally include one or more therapeutic agents incorporated therein. The stand-alone film has one or more perforations or depressions formed therein. Corresponding methods of making the bio-absorbable stand-alone film with one or more perforations or depressions include molding, cutting, carving, puncturing or otherwise suitable methods to create the perforations or depressions in the bio-absorbable stand-alone film. The resulting stand alone film is bio-absorbable.

WO 2008/039308 A3

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/019978

A. CLASSIFICATION OF SUBJECT MATTER INV. A61L31/14 A61L31/16		
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 A61F		
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		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2006/067983 A1 (SWANICK THOMAS M [US] ET AL) 30 March 2006 (2006-03-30) page 1, paragraph 7 - page 2, paragraph 16 page 3, paragraph 24 - paragraph 27 claims 1,38 page 4, line 51 - line 55 -----	49, 50, 52, 54-56 1-48, 51, 53, 57-63
Y	WO 2005/116118 A (NOVAMONT SPA [IT]; DEL TREDICI GIANFRANCO [IT]) 8 December 2005 (2005-12-08) page 1, last paragraph page 3, last paragraph - page 4, paragraph 3 example 1 ----- -/--	1-26, 29-37, 51, 57
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents :		
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but 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 *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 invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *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. *&* document member of the same patent family		
Date of the actual completion of the international search 23 April 2009		Date of mailing of the international search report 07/05/2009
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016		Authorized officer Menidjel, Razik

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/019978

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2006/068674 A1 (DIXIT AJIT S [US] ET AL) 30 March 2006 (2006-03-30) page 1, paragraph 15 - page 2, paragraph 16 page 2, paragraph 19 claims 1,81	1,27,28, 38-48, 52,53, 58-63
Y	US 2006/067975 A1 (LABRECQUE ROGER [US] ET AL) 30 March 2006 (2006-03-30) page 1, paragraph 2 page 2, paragraph 14	1,27,28, 38-48, 52,53, 58-63
P,X	WO 2007/047028 A (ATRIUM MEDICAL CORP [US]; LABRECQUE ROGER [US]; CONROY SUZANNE [US]; F) 26 April 2007 (2007-04-26) page 1, line 9 - line 11 page 2, line 2 - line 32 page 3, line 5 - line 10 page 3, line 17 - line 31 page 6, line 29 - page 7, line 17 page 16, line 10 - line 29 claims 1-24	30, 38-48, 55,58-63

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2007/019978
--

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2006067983	A1	30-03-2006	NONE	
WO 2005116118	A	08-12-2005	CA 2565725 A1	08-12-2005
			CN 101027344 A	29-08-2007
			EP 1769021 A1	04-04-2007
			US 2007264460 A1	15-11-2007
US 2006068674	A1	30-03-2006	NONE	
US 2006067975	A1	30-03-2006	NONE	
WO 2007047028	A	26-04-2007	NONE	