

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 February 2010 (25.02.2010)

(10) International Publication Number
WO 2010/022226 A3

(51) **International Patent Classification:**
A61L 31/10 (2006.01) *A61L 31/16* (2006.01)
A61L 31/14 (2006.01)

(21) **International Application Number:**
PCT/US2009/054442

(22) **International Filing Date:**
20 August 2009 (20.08.2009)

(25) **Filing Language:** English

(26) **Publication Language:** English

(30) **Priority Data:**
61/091,115 22 August 2008 (22.08.2008) US

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

(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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) **Date of publication of the international search report:**
25 November 2010

(54) **Title:** MEDICAL DEVICES HAVING A COATING FOR ELECTROMAGNETICALLY-CONTROLLED RELEASE OF THERAPEUTIC AGENTS

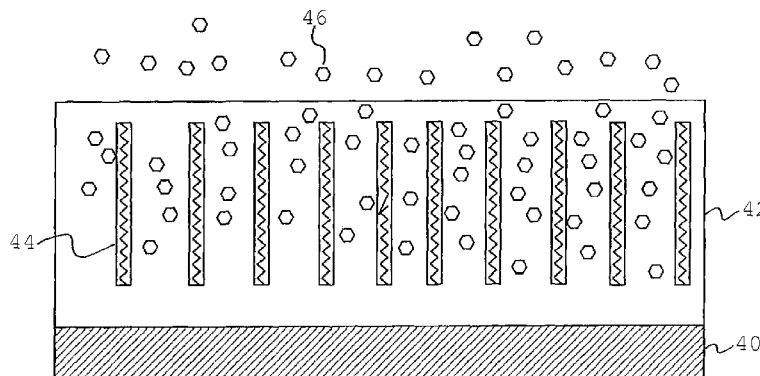


FIG. 4B

(57) **Abstract:** Medical devices having a coating comprising an ionic polymer for electromagnetically- controlled release of a therapeutic agent. Release of the therapeutic agent from the coating is facilitated or modulated by the application of an electromagnetic field to the medical device. Exposure to the electromagnetic field may cause the release of the therapeutic agent in various ways, including electrochemical changes in the ionic polymer, structural changes in the coating and/or ionic polymers, changes in the permeability of the coating, changes in the orientation of the ionic polymers, or motion of the ionic polymers. Also disclosed are methods for delivering a therapeutic agent using electromagnetic fields.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2009/054442

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61L31/10 A61L31/14 A61L31/16
ADD.

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/030379 A1 (HAMM MARK A [US] ET AL) 12 February 2004 (2004-02-12) paragraph [0003] - paragraph [0004] paragraph [0022] - paragraph [0031] paragraph [0044] paragraph [0080] claims 1, 7, 13, 14, 15, 27	1-22
X	US 7 223 282 B1 (HOSSAINY SYED F A [US]) 29 May 2007 (2007-05-29) column 2, line 14 - line 37 figure 5 column 7, line 12 - line 31 claims 1, 2, 10, 12	1,17-22
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Further documents are listed in the continuation of Box C.

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Date of the actual completion of the international search

Date of mailing of the international search report

28 September 2010

12/10/2010

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2009/054442

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 2007/092179 A2 (MED INST INC [US]; RUANE PATRICK [US]) 16 August 2007 (2007-08-16) paragraph [0022] - paragraph [0030] paragraph [0035] - paragraph [0037] claims 1, 2, 4	1,11,12, 14,17-22
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INTERNATIONAL SEARCH REPORT

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