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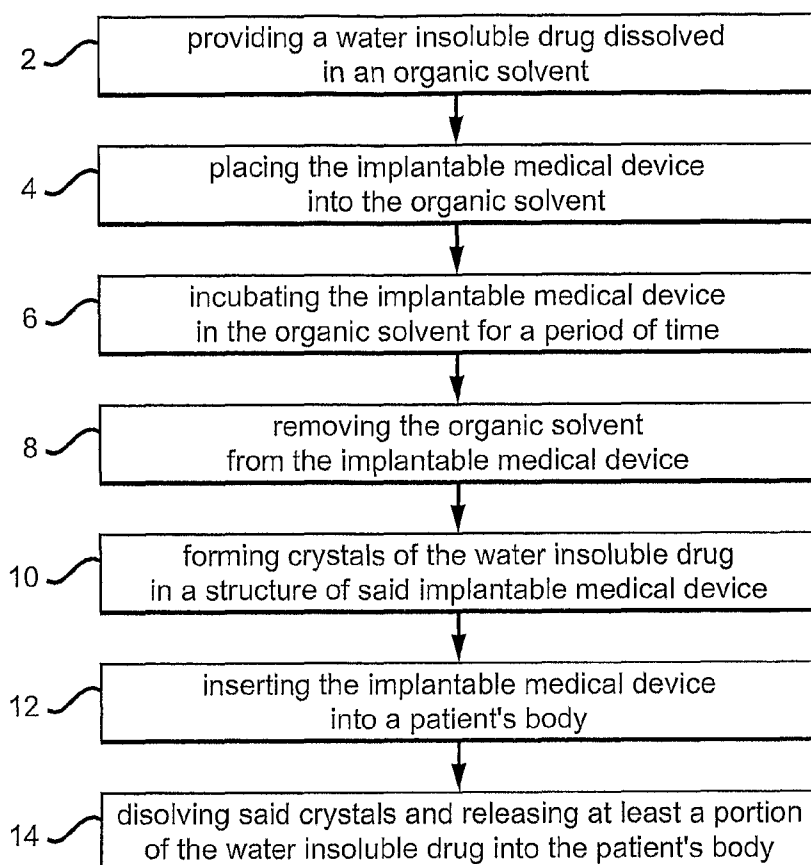
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[Continued on next page]

(54) Title: GRAFT IMPLANT CONTAINING DRUG CRYSTALS



(57) Abstract: A method of incorporating drugs into an implantable medical device. In one variation, water insoluble drugs are used to form crystals within the porous structure of the device. Upon implantation, the drug crystals dissolve slowly and release the drug into the surrounding tissue. In one example, a water insoluble drug is crystallized within the pores of an ePTFE vascular graft.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/34671

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8): A61F 2/00(2006.01),2/06(2006.01)

USPC: 424/423;623/1.42

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. : 424/423; 623/1.39, 1.42, 1.43, 1.45

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)
Please See Continuation Sheet

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 5,605,696 A (EURY et al) 25 February 1997 (25.02.1997), Abstract, Figures, column 4, lines 7, 26-36.	1-4,7,14-17,19-26,28,34,43,47,48 ----- 6,8-12,27,29-33,35,37-42,44-46,49-55
X --- Y	✓ US 2005/0004661 A1 (LEWIS et al) 06 January 2005 (06.01.2005), Abstract, Figures, paragraphs [0026], [0027], [0129], [0137], [0138].	1-3, 15-17, 19-22, 24 ----- 26
X --- Y	✓ US 2004/0117006 A1 (LEWIS et al) 17 June 2004 (17.06.2004), Abstract, Figures, paragraphs [0027], [0152], [0158].	1-3, 15-17, 19, 22, 24 ----- 26



Further documents are listed in the continuation of Box C.



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Date of the actual completion of the international search

02 March 2007 (02.03.2007)

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PCT/US06/34671**C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	✓ US 5,102,402 A (FROR et al) 07 April 1992 (07.04.1992), Abstract, Figures, column 2, lines 9-14, column 3, lines 60-64.	1,28
A	✓ US 5,893,840 A (HULL et al) 13 April 1999 (13.04.1999), Abstract, Figures, column 2, lines 2-6.	1, 28

INTERNATIONAL SEARCH REPORT

International application No.
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Continuation of B. FIELDS SEARCHED Item 3:
EAST
search terms: drug, crystal, graft, stent, porous, pore, void