

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
20 September 2001 (20.09.2001)

PCT

(10) International Publication Number  
**WO 01/68052 A3**

- (51) International Patent Classification<sup>7</sup>: A61K 9/00, 9/14, 9/16, A61M 5/00, C08G 79/04
- (21) International Application Number: PCT/US01/07603
- (22) International Filing Date: 10 March 2001 (10.03.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/188,477 10 March 2000 (10.03.2000) US
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- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EE, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— with international search report
- (88) Date of publication of the international search report:  
7 March 2002
- 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.*



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(54) Title: PHOSPHATE BASED BIODEGRADABLE POLYMERS

(57) Abstract: Featured are biodegradable polymers comprising repeat units derived from cyclic phosphate monomers and optionally further comprising repeat units derived from lactide or caprolactone monomers. Also featured are methods for preparing the biodegradable polymers of the invention and biodegradable polymer compositions comprising a biologically active substance and a biodegradable polymer. Additionally featured are articles and microspheres prepared from biodegradable polymers and polymer compositions of the invention. Further, methods for the controlled release of a biologically active substance using the biodegradable polymers of the invention are also described.

# INTERNATIONAL SEARCH REPORT

Int. Application No PCT/US 01/07603
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**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A61K9/00 A61K9/14 A61K9/16 A61M5/00 C08G79/04

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)  
 IPC 7 C08G A61K A61M

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	WO 98 46286 A (JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE ET AL.) 22 October 1998 (1998-10-22) claims ---	1-3
X	WO 98 48859 A (GUILFORD PHARMACEUTICALS ET AL.) 5 November 1998 (1998-11-05) claims ---	1-3
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X	EP 0 386 757 A (THE JOHNS HOPKINS UNIVERSITY) 12 September 1990 (1990-09-12) claims -----	1-3

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search  
 10 October 2001

Date of mailing of the international search report  
 17/10/2001

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Information on patent family members

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PCT/US 01/07603

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