

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 April 2004 (01.04.2004)

PCT

(10) International Publication Number
WO 2004/026256 A3

(51) International Patent Classification⁷: **A61K 9/20**, 9/22

(21) International Application Number:

PCT/US2003/029634

(22) International Filing Date:

22 September 2003 (22.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/412,217 20 September 2002 (20.09.2002) US

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (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:

1 July 2004

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.

(54) Title: SUSTAINED-RELEASE OPIOID FORMULATIONS AND METHODS OF USE

(57) Abstract: The invention combines two different subunits with different release profiles in novel sustained-release oral dosage forms. In particular, the oral dosage forms include a subunit that comprises an opioid analgesic and a sustained-release material, wherein the dissolution rate in-vitro of the subunit, when measured by the standard USP Drug Release test of U.S. Pharmacopeia XXVI (2003) <724>, is less than about 10% within about 6 hours and at least about 60% within about 24 hours; less than about 10% within about 8 hours and at least about 60% within about 24 hours; less than about 10% within about 10 hours and at least about 60% within about 24 hours; or less than about 10% within about 12 hours and at least about 60% within about 24 hours; the dosage form providing a duration of therapeutic effect of about 24 hours.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/29634

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 9/20, 9/22
 US CL : 424/464, 465, 468

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. : 424/464, 465, 468

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.
Y	US 5,968,551 A (OSHLACK et al) 19 October 1999 (19.10.1999), see entire document.	1-44
Y	US 5,330,766 A (MORELLA et al) 19 July 1994 (19.07.1994), see entire document.	1-44
Y	US 5,741,524 A (STANIFORTH et al) 21 April 1998 (21.04.1998), see entire document.	1-44

Further documents are listed in the continuation of Box C.

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"O" document referring to an oral disclosure, use, exhibition or other means

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"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

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Date of the actual completion of the international search

21 March 2004 (21.03.2004)

Date of mailing of the international search report

11 MAY 2004

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INTERNATIONAL SEARCH REPORT

PCT/US03/29634

Continuation of B. FIELDS SEARCHED Item 3:
WEST
opioid, sustained release, dissolution profile, oral