

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 May 2007 (03.05.2007)

PCT

(10) International Publication Number
WO 2007/048219 A3

(51) International Patent Classification:

A61K 47/36 (2006.01) A61K 31/496 (2006.01)
A61K 31/135 (2006.01) A61K 9/22 (2006.01)
A61K 31/165 (2006.01)

(21) International Application Number:

PCT/CA2006/001483

(22) International Filing Date:

11 September 2006 (11.09.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/715,162 9 September 2005 (09.09.2005) US

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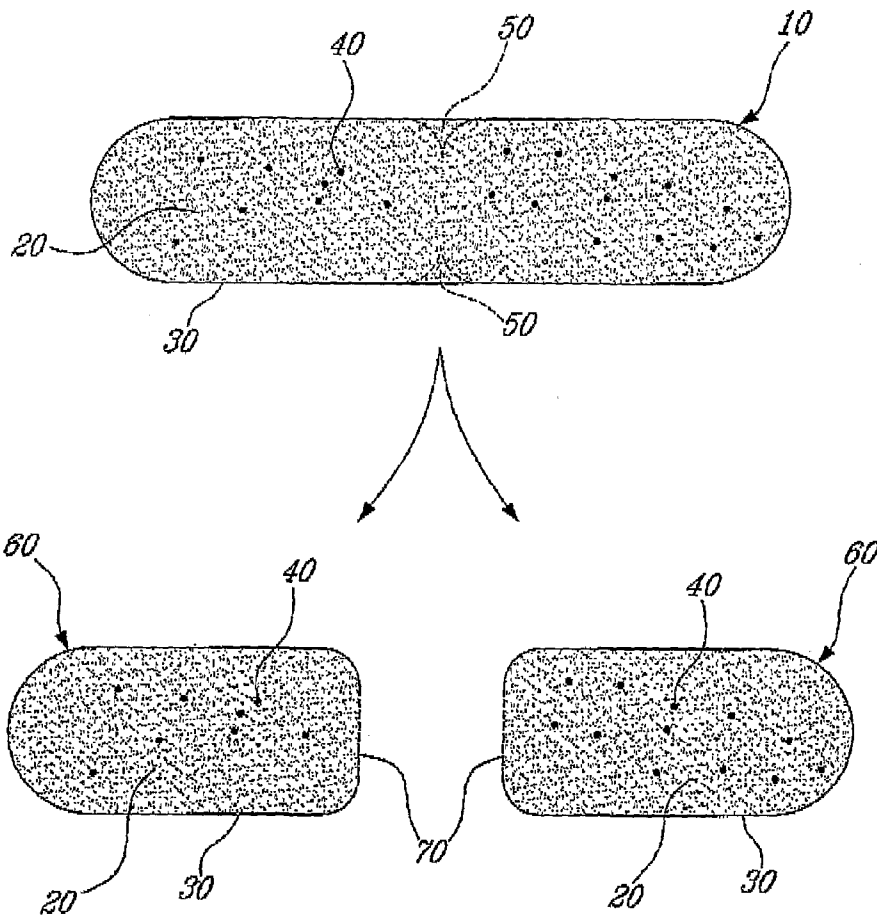
bert, Quebec J4P 2H8 (CA).

(81) Designated States (unless otherwise indicated, for every

kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT,
LU, LV, LY, MA, MD, 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, UZ, VC, VN, ZA, ZM, ZW.

[Continued on next page]

(54) Title: SUSTAINED DRUG RELEASE COMPOSITION



(57) Abstract: The invention relates to a sustained release formulation for delivering one or more pharmaceutically active agents. The formulation comprises cross-linked high amylose starch and at least one pharmaceutically active agent, and, when subdivided into smaller dosage forms, the smaller dosage forms have substantially the same sustained release properties as the formulation from which they were derived. The formulations can provide sustained release for up to at least 24 hours, and because of their divisibility permits a recipient of the active agent or the person administering the active agent to titrate the dosage of the agent.

WO 2007/048219 A3



(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, 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:
19 July 2007

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.

A. CLASSIFICATION OF SUBJECT MATTER IPC: A61K 47/36 (2006.01) , A61K 31/135 (2006.01) , A61K 31/165 (2006.01) , A61K 31/496 (2006.01) , A61K 9/22 (2006.01) 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: A61K 47/36 (2006.01), A61K 31/135 (2006.01), A61K 31/165 (2006.01) A61K 31/496 (2006.01), A61K 9/22 (2006.01) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Canadian Patent Database, Pluspat , Delphion (examples of search terms: cross linked, amylose, sustained release, tablet, break, and related terms)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	CA 2,489,855 A1 (LENAERTS, V. et al.) 2005-04-10 see paragraphs [0020], [0024]-[0025], [0055]-[0069], [0091], and Example 7	1-3, 8-36, 41 and 42 4-7 and 37-40
X Y	CA 2,414,349 A1 (LENAERTS, V. et al.) 2002-01-10 see claims 1,2, 4-7, 9, 10, and 12-36	1-3, 8-36, 41 and 42 4-7 and 37-40
X Y	CA 2,503,155 A1 (LENAERTS V. et al.) 2004-05-06 see paragraphs [0047]-[0076] and [0083]	1-3, 8-36, 41 and 42 4-7 and 37-40
X	CA 2,280,534 C (DUMOULIN Y. et al.) 1998-08-20 see page 4, line 18 - page 5, line 12 and page 6, line 5 - page 7, line 19	41
Y	US 3,336,200 B1 (KRAUSE G.M. et al.) 1967-08-15 see column 1, lines 38-42, and column 3, lines 14-21	1-42
Y	CA 970,688 C (ROBERTS, E.F.) 1975-07-08 see page 1, line 1 - page 2, line 5; page 3, lines 1-3; and page 7, lines 17-23	1-42
A	CA 2,466,032 A1 (NJIKI, L.P.O) 2003-05-08	1-42
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		<input type="checkbox"/> See patent family annex.
* Special categories of cited documents :	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&"	document member of the same patent family
"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		
Date of the actual completion of the international search 10 April 2007 (10-04-2007)	Date of mailing of the international search report 04 June 2007 (04-06-2007)	
Name and mailing address of the ISA/CA Canadian Intellectual Property Office Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street Gatineau, Quebec K1A 0C9 Facsimile No.: 001-819-953-2476	Authorized officer Owen Terreau 819- 934-6370	

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of the first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons :

1. Claim Nos. : 42

because they relate to subject matter not required to be searched by this Authority, namely :

Claim 42 defines a method of treatment of the human or animal body by therapy, or surgery which is excluded subject matter under Rule 39.1(iv) of the PCT. A search has nevertheless been established based on the alleged effects of the defined methods that use the composition of Claims 1-40.

2. Claim Nos. :

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically :

3. Claim Nos. :

because they are dependant claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows :

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claim Nos. :

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claim Nos. :

Remark on Protest The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

No protest accompanied the payment of additional search fees.

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2,321,461 A1 (LENAERTS, V. Et al.) 1999-09-02	1-42

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CA2006/001483

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