



(51) International Patent Classification:

A61K 31/137 (2006.01) A61K 31/155 (2006.01)  
A61K 31/4439 (2006.01) A61P 43/00 (2006.01)  
A61K 31/135 (2006.01)

(21) International Application Number:

PCT/US2012/020242

(22) International Filing Date:

4 January 2012 (04.01.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/437,763 31 January 2011 (31.01.2011) US

(71) Applicant (for all designated States except US): **NEW**

**MARKET PHARMACEUTICALS** [US/US]; 17 Hulfish  
Street, Suite 200, Princeton, NJ 08542 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RIDALL, Mark**  
[US/US]; 7 Benjamin Rush Lane, Princeton, NJ 08540  
(US). **ROCK, David** [US/US]; 590 Montgomery Road,  
Hillsborough, NJ 08844 (US).

(74) Agent: **O'BRIEN, Michelle E.**; O'Brien Jones, PLLC,

1951 Kidwell Drive, Suite 740, Vienna, VA 22182 (US).

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

kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,  
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,  
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,  
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,  
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,  
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,  
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,  
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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

kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,  
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU,  
TJ, TM), European (AL, 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, RS, SE, SI, SK,  
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

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:

8 November 2012



WO 2012/106058 A3

(54) Title: ANIMAL TREATMENTS

(57) Abstract: Compositions and methods for the treatment and control of various conditions in an animal which comprises administering to said animal an effective amount of a immediate release composition of about 0.5% to 50% wt/wt of active ingredient together with excipients to a total of about 100%, wherein said composition dissolves in a relatively short period of time, e.g., 75 seconds or less, 5 seconds or less, or 3 seconds or less, upon administration to said animal.

**A. CLASSIFICATION OF SUBJECT MATTER***A61K 31/137(2006.01)i, A61K 31/4439(2006.01)i, A61K 31/135(2006.01)i, A61K 31/155(2006.01)i, A61P 43/00(2006.01)i*

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)

A61K 31/137; A61K 31/195; A61K 9/00; A61K 9/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal), PubMed, NCBI, Esp@snet, PAJ, USPTO, Google

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MONA NAGAR et al., Formulation, Evaluation and Comparison of Fast-Dissolving Tablet of Nimesulide by Using Crospovidone as Superdisintegrant. International Journal of Pharmaceutical Sciences and Drug Research. 2009, 1(3), pages 7172-175	1-3, 13, 23, 29, 35, 41, 47, 53
Y	See the abstract, Introduction, Result and Discussion part, Tables 1, 2	4-11
Y	US 7122198 B1 (AMARJIT SINGH et al.) 17 October 2006	4-8, 10
A	See the abstract, column 3 line 9-column 20 line 5, claim 1	1-3, 9, 11, 13, 23, 29, 35, 41, 47, 53
Y	PANIGRAHI R et al., A Review On Fast Dissolving Tablets. WebmedCetral PHARMA CEUTICAL SCIENCES. 29 September 2010, 1(9), pages 1-15	5, 7, 9
A	See the abstract, pages 1, 4-6	1-4, 6, 8, 10-11, 13, 23, 29, 35, 41, 47, 53
Y	US 2007-0184106 A1 (NORMAN D. SCHELLENGER et al.) 9 August 2007 See the abstract, column 6 line 8-64	11

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"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

"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

"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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

30 AUGUST 2012 (30.08.2012)

Date of mailing of the international search report

**30 AUGUST 2012 (30.08.2012)**

Name and mailing address of the ISA/KR

Korean Intellectual Property Office  
189 Cheongsu-ro, Seo-gu, Daejeon Metropolitan  
City, 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

Kim, Bum Soo

Telephone No. 82-42-481-5412



**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of 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.  Claims Nos.: 12,14-22,24-28,30-34,36-40,42-46,48-52,54-60  
because they relate to subject matter not required to be searched by this Authority, namely:  
Claims 12,14-22,24-28,30-34,36-40,42-46,48-52,54-60 pertain to methods for treatment of the human body by surgery or therapy, as well as diagnostic methods, and thus relate to a subject matter which this International Searching Authority is not required, under Article 17(2)(a)(i) of PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.
2.  Claims 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.  Claims Nos.:  
because they are dependent 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 an additional fee, this Authority did not invite payment of any additional fee.
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 claims 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 claims 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.

**INTERNATIONAL SEARCH REPORT**

International application No.

**PCT/US2012/020242**

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A		1-10, 13, 23, 29, 35 , 41, 47, 53

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2012/020242**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 7122198 B1	17.10.2006	AU 2001-32214 A1	12.06.2001
		BR 0015994 A	06.08.2002
		CZ20021855A3	13.11.2002
		CZ300615B6	01.07.2009
		EP 1235561 A2	04.09.2002
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		RU 2216319 C1	20.11.2003
		UA78485C2	10.04.2007
		WO 01-39749 A2	07.06.2001
		WO 01-39749 A3	14.02.2002
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		ZA200204193A	27.05.2003
		US 2007-0184106 A1	09.08.2007