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

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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, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN,
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SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

(54) Title: COMBINATION OF PREGABALIN AND MELOXICAM FOR THE TREATMENT OF NEUROPATHIC PAIN

(57) Abstract: The present invention refers to a new synergistic pharmaceutical combination of an antihyperalgesic, antiallodynic and anti-inflammatory agent, wherein the antihyperalgesic, antiallodynic agent is pregabalin, and the anti-inflammatory agent is Meloxicam. The present invention is also directed to pharmaceutical compositions comprising such combination, and the use of said combination and pharmaceutical compositions for prevention and/or treatment of pain caused by different neuropathic etiologies.



PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P 2015/8147	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2015/055127	International filing date (<i>day/month/year</i>) 7 July 2015 (07-07-2015)	(Earliest) Priority Date (<i>day/month/year</i>) 7 July 2014 (07-07-2014)
Applicant PPTM INTERNATIONAL S.A.R.L.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6**bis**(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- ☐ the text is approved as submitted by the applicant
☒ the text has been established by this Authority to read as follows:

COMBINATION OF PREGABALIN AND MELOXICAM FOR THE TREATMENT OF NEUROPATHIC PAIN

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____
☐ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention
b. ☒ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2015/055127

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K9/00 A61K31/197 A61K31/5415 A61P29/00
ADD.

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

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)

EPO-Internal, BIOSIS, EMBASE, CHEM ABS Data, 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	SEIJI OHTORI ET AL: "Efficacy of Combination of Meloxicam and Pregabalin for Pain in Knee Osteoarthritis", YONSEI MEDICAL JOURNAL, vol. 54, no. 5, 1 January 2013 (2013-01-01), page 1253, XP055214507, ISSN: 0513-5796, DOI: 10.3349/ymj.2013.54.5.1253 abstract page 1254, left-hand column, paragraph 1 - paragraph 2 page 1254, right-hand column, last paragraph - page 1255, left-hand column, paragraph 1 page 1255, right-hand column, last paragraph table 4 ----- -/-	1-11



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 another 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

"&" document member of the same patent family

Date of the actual completion of the international search

22 September 2015

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30/09/2015

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2015/055127

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SHIMIZU KAZUTAKA ET AL: "Evaluation of Pregabalin Therapy in Peripheral Neuropathy", IMMUNOLOGY ENDOCRINE & METABOLIC AGENTS IN MEDICINAL CHEMISTRY, vol. 13, no. 2, June 2013 (2013-06), pages 132-138, XP002744801, page 132, right-hand column, paragraph 1 figure 3 page 134, right-hand column, paragraph 2 page 136, right-hand column, paragraph 1 -----	1,5,6,8, 10,11
A	EMILIO BLANCO TARRIO ET AL: "Effectiveness of Pregabalin as Monotherapy or Combination Therapy for Neuropathic Pain in Patients Unresponsive to Previous Treatments in a Spanish Primary Care Setting", CLINICAL DRUG INVESTIGATION, vol. 33, no. 9, 3 August 2013 (2013-08-03), pages 633-645, XP055214489, ISSN: 1173-2563, DOI: 10.1007/s40261-013-0116-7 page 633, right-hand column, paragraph 2 table 2 -----	1-11