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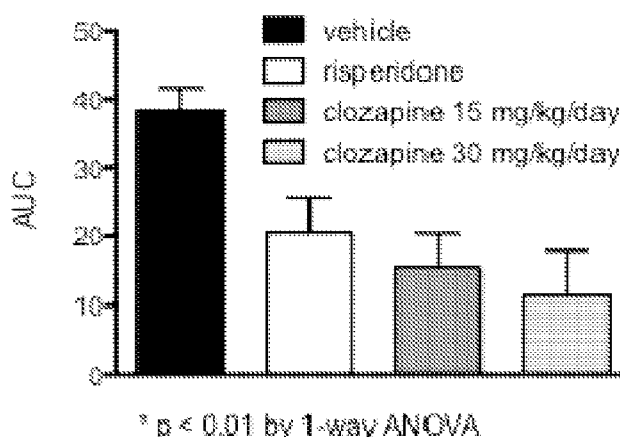
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— with international search report (Art. 21(3))
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[Continued on next page]

(54) Title: METHODS AND COMPOSITIONS FOR TREATMENT OF MULTIPLE SCLEROSIS

Fig. 2B



(57) Abstract: Methods and formulations for the treatment of multiple sclerosis with drugs with affinity for both serotonergic 5-HT₂ and dopaminergic receptors such as the D₂ receptor are herein disclosed. According to one embodiment, a method includes delivering a therapeutic dosage of drugs with affinity for both serotonergic 5-HT₂ and dopaminergic receptors such as the D₂ receptors to a subject exhibiting symptoms of multiple sclerosis to alleviate the symptoms.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/042244**A. CLASSIFICATION OF SUBJECT MATTER****A61K 31/519(2006.01)i, A61K 31/4178(2006.01)i, A61K 31/55(2006.01)i, A61K 31/551(2006.01)i, A61P 25/28(2006.01)i, A61P 25/00(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 31/519; A61K 31/554; A61K 33/00

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) & Keywords: serotonergic 5-HT₂, Dopaminergic D₂, multiple sclerosis, risperidone, paliperidone, clozapine**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010-0119624 A1 (T. G. GANT et al.) 13 May 2010 See abstract, paragraphs [0012], [0102], and claims 17, 22.	1-18
Y	J. E. LEYSEN et al., "Risperidone: a novel antipsychotic with balanced serotonin-dopamine antagonism, receptor occupancy profile, and pharmacological activity", Journal of Clinical Psychiatry, Vol. 55, Suppl. 5-12, 1994.05 See abstract.	1-18
Y	G. OKUGAWA et al., "Randomized clinical comparison of perospirone and risperidone in patients with schizophrenia: Kansai psychiatric multicenter study", Psychiatry and Clinical Neurosciences, Vol. 63, pp. 322-328, 2009 See abstract.	1-18
Y	E. ZEINSTRÄ et al., "Aminergic receptors in astroglial plaques from patients with multiple sclerosis", Neurosciences Letters, Vol. 331, pp. 87-90, 2002 See abstract.	1-18



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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"&" document member of the same patent family

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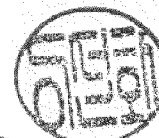
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None