

Title (en)

METHODS FOR TREATING NEUROPSYCHIATRIC DISORDERS WITH NMDA RECEPTOR ANTAGONISTS

Title (de)

VERFAHREN ZUR BEHANDLUNG VON NEUROPSYCHIATRISCHEN KRANKHEITEN MIT NMDA REZEPTORANTAGONISTEN

Title (fr)

METHODES DE TRAITEMENT DE TROUBLES NEUROPSYCHIATRIQUES AVEC DES ANTAGONISTES DES RECEPTEURS DE NMDA

Publication

EP 1351670 A4 20040707 (EN)

Application

EP 01990191 A 20011207

Priority

- US 0148516 W 20011207
- US 25400700 P 20001207

Abstract (en)

[origin: WO0245710A1] The present invention relates to compositions and methods for treating a human patient afflicted with a neuropsychiatric disorder. Specifically, the invention provides for compositions and methods of modulating or antagonizing the activity of neuronal NMDA receptors, wherein such antagonistic activity is capable of modulating the glutamate induced excitatory response of the neurons, thereby inhibiting an excitotoxic effect, promoting a neurotrophic effect, and thereby providing a therapeutic effect that treats the neuropsychiatric disorder.

IPC 1-7

A61K 31/13

IPC 8 full level

A61K 45/00 (2006.01); **A61K 31/00** (2006.01); **A61K 31/13** (2006.01); **A61P 25/00** (2006.01); **A61P 25/18** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/36** (2006.01); **A61P 43/00** (2006.01)

CPC (source: EP)

A61K 31/00 (2013.01); **A61K 31/13** (2013.01); **A61P 25/00** (2017.12); **A61P 25/18** (2017.12); **A61P 25/22** (2017.12); **A61P 25/24** (2017.12); **A61P 25/36** (2017.12); **A61P 43/00** (2017.12)

Citation (search report)

- [X] WO 9405275 A1 19940317 - CHILDRENS MEDICAL CENTER [US]
- [X] WO 9406428 A1 19940331 - CHILDRENS MEDICAL CENTER [US]
- [PX] WO 0162706 A1 20010830 - PANORAMA RES INC [US]
- [X] PARSONS C G ET AL: "Memantine is a clinically well tolerated N-methyl-D-aspartate (NMDA) receptor antagonist - A review of preclinical data", NEUROPHARMACOLOGY, vol. 38, no. 6, June 1999 (1999-06-01), pages 735 - 767, XP002279262, ISSN: 0028-3908
- [X] YAMADA KAZUO ET AL: "Changes in symptoms and plasma homovanillic acid with amantadine hydrochloride in chronic schizophrenia", BIOLOGICAL PSYCHIATRY, vol. 41, no. 10, 1997, pages 1062 - 1064, XP002279263, ISSN: 0006-3223
- See references of WO 0245710A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0245710 A1 20020613; **WO 0245710 A9 20030424**; AU 2905602 A 20020618; BR 0116001 A 20040706; CA 2436311 A1 20020613; CN 1486180 A 20040331; EP 1351670 A1 20031015; EP 1351670 A4 20040707; JP 2004515477 A 20040527; MX PA03005130 A 20041206

DOCDB simple family (application)

US 0148516 W 20011207; AU 2905602 A 20011207; BR 0116001 A 20011207; CA 2436311 A 20011207; CN 01821795 A 20011207; EP 01990191 A 20011207; JP 2002547494 A 20011207; MX PA03005130 A 20011207