

Title (en)
ANTIPSYCHOTIC INDOLYL DERIVATIVES

Title (de)
ANTIPSYCHOTISCH WIRKENDE INDOLYL-DERIVATE

Title (fr)
DERIVES D'INDOLYL PSYCHOTIQUES

Publication
EP 1076647 A2 20010221 (EN)

Application
EP 99918863 A 19990428

Priority
• US 9909132 W 19990428
• US 6912998 A 19980429

Abstract (en)
[origin: WO9955672A2] The present invention provides novel compounds of general formula (1), wherein R1 and R2 are H, OH, F, Cl, Br, I, 1 to 6 carbon alkyl or alkenyl, 1 to 6 carbon alkoxy, aryl, OR5, nitro, amino, CF3 or R1 and R2 are taken together to form a fused ring at the 1,2- or 2,3-positions providing a fused phenyl group or a benzodioxane group, or a 4- or 7-substituted indole group, or a 4- or 5- or 8-substituted quinoline group; R3 represents a group selected from hydrogen, a 1 to 6 carbon alkyl, a 1 to 4 carbon alkoxy or a halogen; R4 represents a group selected from hydrogen, 1 to 6 carbon alkyl or R5; R5 is CH2Ph in which the phenyl ring can be optionally substituted by a group selected from OMe, halogen, CF3; X is selected from a group represented by N, CR4, CHR4 and CHCH; A is selected from a group represented by N, NH, CH and CH2; B is selected from a group represented by =O, =S, H and H2; or A and B may be concatenated together to form indole, benzimidazole, indolone or indoline moieties; or a pharmaceutically acceptable salt thereof, as well as pharmaceutical compositions and methods of treating central nervous system disorders utilizing these compounds.

IPC 1-7
C07D 209/08; C07D 209/34; C07D 403/12; A61K 31/40

IPC 8 full level
A61K 31/403 (2006.01); **A61K 31/404** (2006.01); **A61K 31/496** (2006.01); **A61P 25/00** (2006.01); **A61P 25/16** (2006.01); **A61P 25/18** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/28** (2006.01); **A61P 43/00** (2006.01); **C07D 209/08** (2006.01); **C07D 209/34** (2006.01); **C07D 209/42** (2006.01); **C07D 403/12** (2006.01)

CPC (source: EP)
A61P 25/00 (2017.12); **A61P 25/16** (2017.12); **A61P 25/18** (2017.12); **A61P 25/22** (2017.12); **A61P 25/24** (2017.12); **A61P 25/28** (2017.12); **A61P 43/00** (2017.12); **C07D 209/08** (2013.01); **C07D 209/34** (2013.01); **C07D 209/42** (2013.01); **C07D 403/12** (2013.01)

Citation (search report)
See references of WO 9955672A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9955672 A2 19991104; WO 9955672 A3 20000120; AR 015036 A1 20010411; AU 3667899 A 19991116; CA 2330452 A1 19991104; CN 1155567 C 20040630; CN 1307562 A 20010808; EP 1076647 A2 20010221; JP 2002513001 A 20020508

DOCDB simple family (application)
US 9909132 W 19990428; AR P990101975 A 19990428; AU 3667899 A 19990428; CA 2330452 A 19990428; CN 99807822 A 19990428; EP 99918863 A 19990428; JP 2000545832 A 19990428