

Title (en)  
SUBSTITUTED ISOQUINOLINE DERIVATIVES AND THEIR USE AS ANTICONVULSANTS

Title (de)  
SUBSTITUIERTE ISOCHINOLINE DERIVATE UND IHRE VERWENDUNG ALS ANTICONVULSIVA

Title (fr)  
DERIVES D'ISOQUINOLINE SUBSTITUEE ET LEUR UTILISATION EN TANT QU'ANTICONVULSIVANTS

Publication  
**EP 0968190 A1 20000105 (EN)**

Application  
**EP 98909647 A 19980316**

Priority  
• GB 9800782 W 19980316  
• GB 9705619 A 19970318  
• GB 9726695 A 19971217

Abstract (en)  
[origin: WO9841508A1] Compounds of formula (I) and pharmaceutically acceptable salts thereof; where Q is a monocyclic or bicyclic aryl or heteroaryl ring, R<1> is hydrogen, C1-6alkyl (optionally substituted by hydroxy or C1-4alkoxy), C1-6alkenyl, C1-6alkynyl, C1-6alkylCO-, formyl, CF3CO- or C1-6alkylSO2-, R<2> is hydrogen or up to three substituents selected from halogen, NO2, CN, N3, CF3O-, CF3S-, CF3CO-, trifluoromethyl-diaziriny, C1-6alkyl, C1-6alkenyl, C1-6alkynyl, C1-6perfluoroalkyl, C3-6cycloalkyl, C3-6cycloalkyl-C1-4alkyl-, C1-6alkylO-, C1-6alkylCO-, C3-6cycloalkylO-, C3-6cycloalkylCO-, C3-6cycloalkyl-C1-4alkylO-, C3-6cycloalkyl-C1-4alkylCO-, phenyl, phenoxy, benzyloxy, benzoyl, phenyl-C1-4alkyl-, C1-6alkylS-, C1-6alkylSO2-, (C1-4alkyl)2NSO2-, (C1-4alkyl)NHSO2-, (C1-4alkyl)2NCO-, (C1-4alkyl)NHCO- or CONH2; or -NR<3>R<4> where R<3> is hydrogen or C1-4alkyl, and R<4> is hydrogen, C1-4alkyl, formyl, -CO2C1-4alkyl or -COC1-4alkyl; or two R<2> groups together form a carbocyclic ring that is saturated or unsaturated and unsubstituted or substituted by -OH or =O; and X is hydrogen, halogen, C1-6alkoxy, C1-6alkyl, amino or trifluoroacetyl-amino, but when X is hydrogen excluding compounds in which R<2> is 2-alkoxy and when X is hydrogen excluding the compounds N-(7-iodo-2-methyl-1,2,3,4-tetrahydroisoquinolin-5-yl) -5-benzoyl-2-methoxybenzamide, N-(7-iodo-1,2,3,4-tetrahydroisoquinolin-5-yl) -5-benzoyl-2-methoxybenzamide, N-(5-iodo-1,2,3,4-tetrahydroisoquinolin-7-yl) -5-benzoyl-2-methoxybenzamide, N-(5-iodo-1,2,3,4-tetrahydroisoquinolin-7-yl) -2-methoxy-4-trifluoromethyl-diazirinybenzamide, N-(5-iodo-1,2,3,4-tetrahydroisoquinolin-7-yl) -2-methoxy-5-trifluoromethyl-diazirinybenzamide, N-(7-iodo-1,2,3,4-tetrahydroisoquinolin-5-yl) -2-methoxy-5-trifluoromethyl-diazirinybenzamide et N-(8-fluoro-2-methyl-1,2,3,4-tetrahydroisoquinolin-5-yl) -4-t-butyl-2-methoxybenzamide, are useful inter alia in the treatment and prophylaxis of epilepsy.

IPC 1-7  
**C07D 217/04; A61K 31/47; C07D 217/02; C07D 217/06; C07D 409/12; C07D 401/12; C07D 417/12; C07D 405/12; C07D 413/12**

IPC 8 full level  
**A61P 25/04** (2006.01); **A61K 31/472** (2006.01); **A61K 31/4725** (2006.01); **A61P 3/10** (2006.01); **A61P 21/00** (2006.01); **A61P 21/02** (2006.01); **A61P 25/06** (2006.01); **A61P 25/08** (2006.01); **A61P 25/16** (2006.01); **A61P 25/18** (2006.01); **A61P 25/20** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/28** (2006.01); **A61P 25/30** (2006.01); **C07D 217/02** (2006.01); **C07D 217/04** (2006.01); **C07D 217/06** (2006.01); **C07D 401/12** (2006.01); **C07D 405/12** (2006.01); **C07D 409/12** (2006.01); **C07D 413/12** (2006.01); **C07D 417/12** (2006.01)

CPC (source: EP KR)  
**A61K 31/472** (2013.01 - KR); **A61K 31/4725** (2013.01 - KR); **A61P 3/10** (2017.12 - EP); **A61P 21/00** (2017.12 - EP); **A61P 21/02** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/20** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 25/30** (2017.12 - EP); **C07D 217/02** (2013.01 - EP); **C07D 217/04** (2013.01 - EP); **C07D 217/06** (2013.01 - EP); **C07D 217/22** (2013.01 - KR); **C07D 333/38** (2013.01 - KR); **C07D 401/12** (2013.01 - EP); **C07D 405/12** (2013.01 - EP); **C07D 409/12** (2013.01 - EP KR); **C07D 413/12** (2013.01 - EP); **C07D 417/12** (2013.01 - EP)

Citation (search report)  
See references of WO 9841508A1

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

DOCDB simple family (publication)  
**WO 9841508 A1 19980924**; AR 012092 A1 20000927; AU 6412898 A 19981012; AU 737955 B2 20010906; BR 9809047 A 20000801; CA 2284218 A1 19980924; CN 1183116 C 20050105; CN 1255124 A 20000531; CO 4950553 A1 20000901; EP 0968190 A1 20000105; IL 131756 A0 20010319; JP 2001515504 A 20010918; JP 3690423 B2 20050831; KR 100568654 B1 20060407; KR 20000076342 A 20001226; NO 314081 B1 20030127; NO 994510 D0 19990917; NO 994510 L 19990917; NZ 337424 A 20010831; PL 192116 B1 20060831; PL 335676 A1 20000508; TR 199902283 T2 19991221; TW 555694 B 20031001

DOCDB simple family (application)  
**GB 9800782 W 19980316**; AR P980101199 A 19980317; AU 6412898 A 19980316; BR 9809047 A 19980316; CA 2284218 A 19980316; CN 98804880 A 19980316; CO 98015157 A 19980318; EP 98909647 A 19980316; IL 13175698 A 19980316; JP 54024898 A 19980316; KR 19997008443 A 19990917; NO 994510 A 19990917; NZ 33742498 A 19980316; PL 33567698 A 19980316; TR 9902283 T 19980316; TW 87104135 A 19980320