

Title (en)

FLUORO OXINDOLE DERIVATIVES AS MODULATORS OF KCNQ POTASSIUM CHANNELS

Title (de)

FLUOROXINDOL-DERIVATE ALS MODULATOREN DER KCNQ-KALIUM-KANÄLEN

Title (fr)

DERIVES DE FLUORO OXINDOLE EN TANT QUE MODULATEURS DE CANAUX POTASSIUM KCNQ

Publication

**EP 1363624 A2 20031126 (EN)**

Application

**EP 02714888 A 20020214**

Priority

- US 0204304 W 20020214
- US 27011201 P 20010220

Abstract (en)

[origin: WO02066426A2] There is provided novel 3-fluoro-3-phenyl oxindole derivatives of Formula I wherein R<1>, R<2>, R<3> and R<4> each are independently hydrogen, C1-4 alkyl, halogen, fluoromethyl, trifluoromethyl, phenyl, 4-methylphenyl or 4-trifluoromethylphenyl; R<5> is C1-6 alkyl optionally substituted with one to three same or different groups selected from fluoro and chloro, provided R<5> is not C1-6 alkyl when Y is O; Y is O or S; and R<6> and R<7> each are independently hydrogen, chloro, bromo or trifluoromethyl; which are openers of the KCNQ potassium channels and are useful in the treatment of disorders which are responsive to the opening of the KCNQ potassium channels.

IPC 1-7

**A61K 31/404**

IPC 8 full level

**A61P 25/06** (2006.01); **A61K 31/404** (2006.01); **A61P 43/00** (2006.01); **C07D 209/34** (2006.01)

CPC (source: EP)

**A61P 25/06** (2018.01); **A61P 43/00** (2018.01); **C07D 209/34** (2013.01)

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 02066426 A2 20020829**; **WO 02066426 A3 20021121**; CA 2438805 A1 20020829; EP 1363624 A2 20031126; HU P0400063 A2 20040428; JP 2004531483 A 20041014

DOCDB simple family (application)

**US 0204304 W 20020214**; CA 2438805 A 20020214; EP 02714888 A 20020214; HU P0400063 A 20020214; JP 2002565943 A 20020214