Title (en)

SULPHUR-CONTAINING CYCLIC UREA DERIVATIVES, PREPARATION THEREOF AND PHARMACEUTICAL USE THEREOF AS KINASE INHIBITORS

Title (de)

SCHWEFELHALTIGE ZYKLISCHE HARNSTOFFDERIVATE, IHRE HERSTELLUNG UND IHRE PHARMAZEUTISCHE VERWENDUNG ALS KINASEHEMMER

Title (fr)

DERIVES SOUFRES D ' UREE CYCLIQUE, LEUR PREPARATION ET LEUR UTILISATION PHARMACEUTIQUE COMME INHIBITEURS DE KINASES

Publication

EP 2035408 A1 20090318 (FR)

Application

EP 07730827 A 20070117

Priority

- FR 2007000080 W 20070117
- FR 0600566 A 20060123

Abstract (en)

[origin: FR2896503A1] Cyclic urea compounds (I) are new. Cyclic urea compounds of formula (I) and their racemic, enantiomers, diastereoisomers and addition salts of bases or mineral/organic acids are new. Ra1, Rb1 = methyl; or CRa1Rb1 = cycloalkyl; R = pyridyl (preferred) or pyrimidinyl (both substituted by NR1R2); one of R1, R2 = H or alkyl and the other = T; T = H or alkyl (optionally substituted by OH, alkoxy, aziridyl, azetidinyl, pyrrolidinyl, piperidyl, morpholinyl or piperazinyl (optionally 4-alkylated)), cycloalkyl, heterocycloalkyl, aryl or heteroaryl (all optionally substituted)) or C(O)R3; R3 = alkoxy, heterocycloalkyl, aryloxy, (heter)oaryl (all optionally substituted) or NR4R5 (preferred); either one of R4, R5 = H or alkyl and the other = T; or NR4R5 = heterocycle (optionally including another heteroatom like N or O and/or optionally substituted); aryl, phenyl, aryloxy, heteroaryl or the heterocycle NR4R5 may be substituted by 1-3 halo, alkyl, phenyl, NH 2, NHAlk, NR(Alk) 2, C(O)NHAlk or C(O)N(Alk) 2; and n = 0 or 2. [Image] ACTIVITY : Cytostatic; Metabolic; Antiallergic; Antiasthmatic; Prevention: Anticoagulant / Treatment: Thrombolytic; Neuroprotective; Ophthalmological; Antipsoriatic; Antiarthritic; Antirheumatic; Antidiabetic; Muscular-Gen. MECHANISM OF ACTION : Tyrosine protein kinase inhibitor; Insulin like growth factor-1 receptor kinase inhibitor.

IPC 8 full level

C07D 401/06 (2006.01); **A61K 31/41** (2006.01); **A61K 31/4439** (2006.01); **A61K 31/506** (2006.01); **C07D 401/14** (2006.01); **C07D 403/06** (2006.01); **C07D 403/14** (2006.01)

CPC (source: EP KR US)

A61K 31/41 (2013.01 - KR); **A61K 31/4439** (2013.01 - KR); **A61P 3/00** (2017.12 - EP); **A61P 3/10** (2017.12 - EP); **A61P 7/02** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 17/06** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 21/00** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 35/02** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/08** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 401/06** (2013.01 - EP KR US); **C07D 401/14** (2013.01 - EP US); **C07D 403/06** (2013.01 - EP KR US); **C07D 403/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2008000922A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

FR 2896503 A1 20070727; **FR 2896503 B1 20120713**; AR 059085 A1 20080312; AU 2007264848 A1 20080103; BR PI0710438 A2 20110809; CA 2631506 A1 20080103; CL 2007000161 A1 20080530; EA 200870192 A1 20091230; EP 2035408 A1 20090318; IL 192440 A0 20090211; JP 2009542586 A 20091203; KR 20080095860 A 20081029; MA 30225 B1 20090202; NO 20082976 L 20080910; PE 20071112 A1 20071213; TW 200738684 A 20071016; US 2009082329 A1 20090326; UY 30105 A1 20070831; WO 2008000922 A1 20080103

DOCDB simple family (application)

FR 0600566 A 20060123; AR P070100235 A 20070119; AU 2007264848 A 20070117; BR PI0710438 A 20070117; CA 2631506 A 20070117; CL 2007000161 A 20070122; EA 200870192 A 20070117; EP 07730827 A 20070117; FR 2007000080 W 20070117; IL 19244008 A 20080625; JP 2009515905 A 20070117; KR 20087017994 A 20080722; MA 31185 A 20080819; NO 20082976 A 20080701; PE 2007000061 A 20070119; TW 96102326 A 20070122; US 17319108 A 20080715; UY 30105 A 20070123