

Title (en)

2-ARYLQUINOLINE DERIVATIVES, PREPARATION AND THERAPEUTIC USE THEREOF

Title (de)

2-ARYLCHINOLIN-DERIVATE ,IHRE HERSTELLUNG UND IHRE VERWENDUNG ALS THERAPEUTIKA

Title (fr)

DERIVES DE 2-ARYLQUINOLEINE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE

Publication

EP 1240146 A1 20020918 (FR)

Application

EP 00988858 A 20001121

Priority

- FR 0003224 W 20001121
- FR 9914817 A 19991125

Abstract (en)

[origin: WO0138310A1] The invention concerns compounds of general formula (I) wherein: A represents a hydrogen atom, a hydroxy, a C1-C3 alkoxy, hydroxy C1-C3-alkyl, alkoxy C1-C3 alkyl, a thiol, C1-C6 alkylsulphanyl group or a halogen; B and D represent, independently of each other, a hydrogen atom, a C1-C6 alkyl, fluoro C1-C6 alkyl or perfluoro C1-C2 alkyl group, or B and D together form an oxo group; R1 represents a phenyl, a naphthyl or a heteroaryl comprising 4 or 5 carbon atoms; R2 and R3 represent, independently of each other, a hydrogen atom, a halogen, a C1-C6 alkyl group; R4 represents a hydrogen atom, a hydroxy or a halogen; and R5 and R6 represent, independently of each other, a hydrogen atom, a C1-C6 alkyl, C2-C6 alkenyl, C3-C6 cycloalkyl, C3-C6 cycloalkenyl, fluoro-C1-C6 alkyl, perfluoro-C1-C2 alkyl group, or R5 and R6 together form a C2-C6 alkylene, C3-C6 alkenylene chain to produce with the nitrogen whereto they are bound a heterocycle, said heterocycle being optionally substituted with a C1-C4 alkyl group; and their salts. The invention has therapeutic uses.

IPC 1-7

C07D 215/14; C07D 215/12; C07D 401/06; C07D 409/04; C07D 401/04; A61K 31/47

IPC 8 full level

A61K 31/47 (2006.01); **A61K 31/4706** (2006.01); **A61K 31/4709** (2006.01); **A61P 1/00** (2006.01); **A61P 1/04** (2006.01); **A61P 9/00** (2006.01); **A61P 9/14** (2006.01); **A61P 11/02** (2006.01); **A61P 13/00** (2006.01); **A61P 13/02** (2006.01); **A61P 13/10** (2006.01); **A61P 25/00** (2006.01); **A61P 25/06** (2006.01); **C07D 215/12** (2006.01); **C07D 215/14** (2006.01); **C07D 215/16** (2006.01); **C07D 215/24** (2006.01); **C07D 401/04** (2006.01); **C07D 401/06** (2006.01); **C07D 409/04** (2006.01); **C07D 409/06** (2006.01)

IPC 8 main group level

A61K (2006.01); **C07D** (2006.01)

CPC (source: EP KR US)

A61P 1/00 (2018.01 - EP); **A61P 1/04** (2018.01 - EP); **A61P 9/00** (2018.01 - EP); **A61P 9/14** (2018.01 - EP); **A61P 11/02** (2018.01 - EP); **A61P 13/00** (2018.01 - EP); **A61P 13/02** (2018.01 - EP); **A61P 13/10** (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 25/06** (2018.01 - EP); **C07D 215/12** (2013.01 - EP KR US); **C07D 215/14** (2013.01 - EP KR US); **C07D 295/067** (2013.01 - KR); **C07D 333/10** (2013.01 - KR); **C07D 401/04** (2013.01 - EP KR US); **C07D 409/04** (2013.01 - EP KR US)

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 0138310 A1 20010531; AU 2521501 A 20010604; BG 106737 A 20030430; BR 0015787 A 20020813; CA 2392149 A1 20010531; CN 1413196 A 20030423; CZ 20021786 A3 20020814; EA 200200462 A1 20021031; EE 200200266 A 20030616; EP 1240146 A1 20020918; FR 2801589 A1 20010601; HR P20020455 A2 20030831; HU P0203455 A2 20030228; HU P0203455 A3 20031229; IL 149653 A0 20021110; IS 6391 A 20020521; JP 2003526633 A 20030909; KR 20020058036 A 20020712; MX PA02005019 A 20030128; NO 20022482 D0 20020524; NO 20022482 L 20020724; PL 356159 A1 20040614; SK 7162002 A3 20021106; TR 200201352 T2 20030221; US 6617336 B1 20030909; ZA 200204064 B 20030730

DOCDB simple family (application)

FR 0003224 W 20001121; AU 2521501 A 20001121; BG 10673702 A 20020522; BR 0015787 A 20001121; CA 2392149 A 20001121; CN 00817802 A 20001121; CZ 20021786 A 20001121; EA 200200462 A 20001121; EE P200200266 A 20001121; EP 00988858 A 20001121; FR 9914817 A 19991125; HR P20020455 A 20020523; HU P0203455 A 20001121; IL 14965300 A 20001121; IS 6391 A 20020521; JP 2001540073 A 20001121; KR 20027006647 A 20020524; MX PA02005019 A 20001121; NO 20022482 A 20020524; PL 35615900 A 20001121; SK 7162002 A 20001121; TR 200201352 T 20001121; US 13087502 A 20020522; ZA 200204064 A 20020522