

Title (en)

USE OF MADURAPHTHALAZINE DERIVATIVES AS INHIBITORS OF PRO-INFLAMMATORY CYTOKINS

Title (de)

VERWENDUNG VON MADURAPHTHALAZIN-DERIVATEN ALS INHIBTOREN PROINFLAMMATORISCHER CYTOKINE

Title (fr)

UTILISATION DE DERIVES DE MADURAPHTHALAZINE EN TANT QU'INHIBITEURS DES CYTOKINES FAVORISANT LES INFLAMMATIONS

Publication

EP 1171425 A1 20020116 (DE)

Application

EP 00926854 A 20000411

Priority

- DE 19917505 A 19990417
- EP 0003182 W 20000411

Abstract (en)

[origin: US6440968B1] The maduraphthalazine derivatives of the formula (4)are able to inhibit the effect of the cytokines interleukin-2, interleukin-4 and interleukin-5 and are suitable for the production of pharmaceuticals.

IPC 1-7

C07D 237/26; C07D 401/04; C07D 403/04; A61K 31/502; A61P 29/00

IPC 8 full level

A61K 31/00 (2006.01); **A61K 31/502** (2006.01); **A61P 3/10** (2006.01); **A61P 9/14** (2006.01); **A61P 11/00** (2006.01); **A61P 11/02** (2006.01); **A61P 11/06** (2006.01); **A61P 13/12** (2006.01); **A61P 17/00** (2006.01); **A61P 17/06** (2006.01); **A61P 25/00** (2006.01); **A61P 27/02** (2006.01); **A61P 27/14** (2006.01); **A61P 29/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/06** (2006.01); **A61P 43/00** (2006.01); **C07D 237/26** (2006.01)

CPC (source: EP KR US)

A61K 31/00 (2013.01 - EP US); **A61K 31/502** (2013.01 - EP KR US); **A61P 3/10** (2018.01 - EP); **A61P 9/14** (2018.01 - EP); **A61P 11/00** (2018.01 - EP); **A61P 11/02** (2018.01 - EP); **A61P 11/06** (2018.01 - EP); **A61P 13/12** (2018.01 - EP); **A61P 17/00** (2018.01 - EP); **A61P 17/06** (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 27/02** (2018.01 - EP); **A61P 27/14** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 37/00** (2018.01 - EP); **A61P 37/06** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07D 237/26** (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

DOCDB simple family (publication)

US 6440968 B1 20020827; AU 4546100 A 20001102; BG 106009 A 20020628; BR 0009821 A 20020115; CA 2305893 A1 20001017; CN 1347408 A 20020501; CZ 20013712 A3 20020313; DE 19917505 A1 20001019; EA 200101096 A1 20020425; EE 200100537 A 20021216; EP 1171425 A1 20020116; HK 1039932 A1 20020517; HU P0200783 A2 20021128; HU P0200783 A3 20021228; IL 145600 A0 20020630; IS 6093 A 20010928; JP 2002542232 A 20021210; KR 20010108515 A 20011207; MX PA01010050 A 20020424; NO 20015033 D0 20011016; NO 20015033 L 20011121; SK 14812001 A3 20020509; TR 200102984 T2 20020321; WO 0063181 A1 20001026; YU 72601 A 20040512; ZA 200107886 B 20040329

DOCDB simple family (application)

US 54911600 A 20000413; AU 4546100 A 20000411; BG 10600901 A 20011011; BR 0009821 A 20000411; CA 2305893 A 20000417; CN 00806298 A 20000411; CZ 20013712 A 20000411; DE 19917505 A 19990417; EA 200101096 A 20000411; EE P200100537 A 20000411; EP 0003182 W 20000411; EP 00926854 A 20000411; HK 02101193 A 20020219; HU P0200783 A 20000411; IL 14560000 A 20000411; IS 6093 A 20010928; JP 2000612273 A 20000411; KR 20017013258 A 20011017; MX PA01010050 A 20000411; NO 20015033 A 20011016; SK 14812001 A 20000411; TR 200102984 T 20000411; YU P72601 A 20000411; ZA 200107886 A 20010926