

Title (en)
BICYCLIC HETEROCYCLES, MEDICAMENTS CONTAINING THESE COMPOUNDS, THEIR USE, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
BICYCLISCHE HETEROCYCLLEN, DIESE VERBINDUNGEN ENTHALTENDE ARZNEIMITTEL, IHRE VERWENDUNG UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
HETEROCYCLES BICYCLIQUES, MEDICAMENTS CONTENANT CES COMPOSES, LEUR UTILISATION ET LEUR PROCEDE DE PRODUCTION

Publication
EP 1499619 A1 20050126 (DE)

Application
EP 03746824 A 20030414

Priority
• DE 10217689 A 20020419
• EP 0303828 W 20030414

Abstract (en)
[origin: WO03089439A1] The invention relates to bicyclic heterocycles of general formula (I), in which R<a>, R, R<c>, A, B, C, D, E and X are defined as in Claim 1, to tautomers, stereoisomers, mixtures and salts thereof, particularly their physiologically compatible salts with inorganic or organic acids, which have valuable pharmacological properties, particularly an inhibitory action on the signal transduction imparted by tyrosine kinases. The invention also relates to the use of these compounds for treating diseases, particularly tumor diseases and benign prostatic hyperplasia (BPH), diseases of the lungs and of the respiratory passages and to the production thereof.

IPC 1-7
C07D 498/08; C07D 405/14; C07D 487/08; C07D 451/02; C07D 471/08; C07D 493/08; A61K 31/4709; A61K 31/519; A61P 35/00

IPC 8 full level
A61K 31/439 (2006.01); **A61K 31/4995** (2006.01); **A61K 31/537** (2006.01); **A61K 31/55** (2006.01); **A61P 1/04** (2006.01); **A61P 1/16** (2006.01); **A61P 1/18** (2006.01); **A61P 7/00** (2006.01); **A61P 9/00** (2006.01); **A61P 11/00** (2006.01); **A61P 11/02** (2006.01); **A61P 11/06** (2006.01); **A61P 11/08** (2006.01); **A61P 13/08** (2006.01); **A61P 17/06** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **A61P 35/04** (2006.01); **A61P 37/02** (2006.01); **A61P 37/08** (2006.01); **A61P 43/00** (2006.01); **C07D 209/52** (2006.01); **C07D 405/14** (2006.01); **C07D 451/02** (2006.01); **C07D 453/06** (2006.01); **C07D 471/08** (2006.01); **C07D 487/08** (2006.01); **C07D 491/08** (2006.01); **C07D 493/08** (2006.01); **C07D 498/08** (2006.01)

CPC (source: EP)
A61P 1/04 (2017.12); **A61P 1/16** (2017.12); **A61P 1/18** (2017.12); **A61P 7/00** (2017.12); **A61P 9/00** (2017.12); **A61P 11/00** (2017.12); **A61P 11/02** (2017.12); **A61P 11/06** (2017.12); **A61P 11/08** (2017.12); **A61P 13/08** (2017.12); **A61P 17/06** (2017.12); **A61P 29/00** (2017.12); **A61P 35/00** (2017.12); **A61P 35/04** (2017.12); **A61P 37/02** (2017.12); **A61P 37/08** (2017.12); **A61P 43/00** (2017.12); **C07D 405/14** (2013.01); **C07D 451/02** (2013.01); **C07D 471/08** (2013.01); **C07D 487/08** (2013.01); **C07D 493/08** (2013.01)

Citation (search report)
See references of WO 03089439A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03089439 A1 20031030; AR 039571 A1 20050223; AU 2003226806 A1 20031103; CA 2484395 A1 20031030; CA 2484395 C 20111122; DE 10217689 A1 20031113; EP 1499619 A1 20050126; JP 2005526837 A 20050908; JP 4527406 B2 20100818; PE 20040171 A1 20040602; TW 200408643 A 20040601; UY 27767 A1 20031128

DOCDB simple family (application)
EP 0303828 W 20030414; AR P030101330 A 20030416; AU 2003226806 A 20030414; CA 2484395 A 20030414; DE 10217689 A 20020419; EP 03746824 A 20030414; JP 2003586159 A 20030414; PE 2003000384 A 20030415; TW 92108807 A 20030416; UY 27767 A 20030416