

Title (en)
PHOSPHOROUS ORGANIC COMPOUNDS AND THEIR USE

Title (de)
PHOSPHORORGANISCHE VERBINDUNGEN UND IHRE VERWENDUNG

Title (fr)
COMPOSES ORGANIQUES DE PHOSPHORE ET LEUR UTILISATION

Publication
EP 1095050 A1 20010502 (DE)

Application
EP 99936505 A 19990709

Priority

- DE 19831639 A 19980715
- DE 19843360 A 19980922
- EP 9904827 W 19990709

Abstract (en)
[origin: WO0004031A1] The invention relates to phosphorous organic compounds of general formula (I), wherein B is an ether group of formula (II) or a keto group of formula (III) or a pentagonal or hexagonal cyclic compound. The invention also relates to the use of these compounds for producing drugs for treatment or prevention of human or animal infections due to viruses, bacteria, fungi or parasites, as well as their use as fungicide, bactericide and herbicide in plants.

IPC 1-7
C07F 9/38; A61K 31/66; A01N 57/18; C07F 9/655; C07F 9/572; C07F 9/59

IPC 8 full level
A01N 57/18 (2006.01); **A61K 31/10** (2006.01); **A61K 31/122** (2006.01); **A61K 31/137** (2006.01); **A61K 31/155** (2006.01); **A61K 31/167** (2006.01); **A61K 31/17** (2006.01); **A61K 45/00** (2006.01); **A61K 31/366** (2006.01); **A61K 31/4184** (2006.01); **A61K 31/427** (2006.01); **A61K 31/4706** (2006.01); **A61K 31/4709** (2006.01); **A61K 31/4985** (2006.01); **A61K 31/505** (2006.01); **A61K 31/506** (2006.01); **A61K 31/635** (2006.01); **A61K 31/65** (2006.01); **A61K 31/662** (2006.01); **A61K 31/665** (2006.01); **A61K 31/675** (2006.01); **A61P 31/04** (2006.01); **A61P 31/10** (2006.01); **A61P 31/12** (2006.01); **A61P 33/00** (2006.01); **C07F 9/38** (2006.01); **C07F 9/40** (2006.01); **C07F 9/572** (2006.01); **C07F 9/59** (2006.01); **C07F 9/655** (2006.01); **C07K 14/445** (2006.01); **C12N 15/52** (2006.01); **C12Q 1/527** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP KR US)
A01N 57/18 (2013.01 - EP US); **A61P 31/04** (2018.01 - EP); **A61P 31/10** (2018.01 - EP); **A61P 31/12** (2018.01 - EP); **A61P 33/00** (2018.01 - EP); **C07F 9/38** (2013.01 - KR); **C07F 9/3808** (2013.01 - EP US); **C07F 9/383** (2013.01 - EP US); **C07F 9/3891** (2013.01 - EP US); **C07F 9/572** (2013.01 - EP US); **C07F 9/59** (2013.01 - EP US); **C07F 9/65515** (2013.01 - EP US); **C07F 9/6552** (2013.01 - EP US); **C07K 14/445** (2013.01 - EP US); **C12N 15/52** (2013.01 - EP US); **C12Q 1/527** (2013.01 - EP US); **G01N 33/6893** (2013.01 - EP 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)
WO 0004031 A1 20000127; AP 2001002051 A0 20010331; AU 5158099 A 20000207; AU 754165 B2 20021107; BR 9912062 A 20010403; CA 2336143 A1 20000127; CN 1309659 A 20010822; EA 200100143 A1 20010625; EE 200100027 A 20020617; EP 1095050 A1 20010502; HR P20010035 A2 20011231; HU P0103481 A2 20020629; HU P0103481 A3 20030128; ID 27347 A 20010405; IL 140433 A0 20020210; IS 5784 A 20001221; JP 2002520419 A 20020709; KR 20010070962 A 20010728; NO 20010200 D0 20010112; NO 20010200 L 20010314; PL 345864 A1 20020114; SK 662001 A3 20011008; TR 200100068 T2 20010621; US 2003045746 A1 20030306; US 2005075511 A1 20050407; US 6812224 B2 20041102; YU 2201 A 20030131

DOCDB simple family (application)
EP 9904827 W 19990709; AP 2001002051 A 19990709; AU 5158099 A 19990709; BR 9912062 A 19990709; CA 2336143 A 19990709; CN 99808659 A 19990709; EA 200100143 A 19990709; EE P200100027 A 19990709; EP 99936505 A 19990709; HR P20010035 A 20010112; HU P0103481 A 19990709; ID 20010088 A 19990709; IL 14043399 A 19990709; IS 5784 A 20001221; JP 2000560137 A 19990709; KR 20017000620 A 20010115; NO 20010200 A 20010112; PL 34586499 A 19990709; SK 662001 A 19990709; TR 200100068 T 19990709; US 24141302 A 20020911; US 94821004 A 20040924; YU 2201 A 19990709