Title (en)

THIAZOLE-, ISOTHIAZOLE- AND THIADIAZOLE-DERIVATIVES HAVING MICROBICIDAL AND PLANT IMMUNIZING ACTIVITIES

Title (de)

THIAZOL-, ISOTHIAZOL- UND THIADIAZOL-DERIVATE MIT MIKROBIZIDEN UND PFLANZENIMMUNISIERENDEN WIRKUNGEN

Title (fr)

DERIVES DE THIAZOLE, D'ISOTHIAZOLE ET DE THIADIAZOLE PRESENTANT DES PROPRIETES ANTIMICROBIENNES ET D'IMMUNISATION POUR LES PLANTES

Publication

EP 1042306 A1 20001011 (EN)

Application

EP 98965285 A 19981218

Priority

- EP 9808335 W 19981218
- GB 9726989 A 19971222

Abstract (en)

[origin: WO9932464A1] Compounds of formula (I) and process for protecting and immunizing plants against attack by phytopathogenic microorganisms by applying compounds of formula (I) wherein a) X is CR4 and Y is N; or b) X is N and Y is CR5; or c) X and Y are N; and wherein Z is a C1-group to which 1-3 halogen atoms or 1-3 unsubstituted or substituted hetero atoms selected from the group O, S and N are bonded; Z is CN, CO-A, CS-A or CH(OR10)2; A is hydrogen, halogen, OR6, SR7, N(R8)R9, ON(R11)R12 or N(R13)OR14; and wherein R1-R14 have the meanings given in the description.

IPC 1-7

C07D 277/32; C07D 277/30; C07D 275/02; C07D 285/06; C07D 417/04; A01N 43/78; A01N 43/74; A01N 43/82

IPC 8 full level

A01N 43/78 (2006.01); **A01N 43/80** (2006.01); **A01N 43/82** (2006.01); **A01N 43/828** (2006.01); **C07D 275/02** (2006.01); **C07D 275/03** (2006.01); **C07D 277/30** (2006.01); **C07D 277/32** (2006.01); **C07D 277/20** (2006.01); **C07D 277/34** (2006.01); **C07D 277/36** (2006.01); **C07D 277/38** (2006.01); **C07D 285/06** (2006.01); **C07D 417/04** (2006.01); **C07D 417/06** (2006.01); **C07D 417/12** (2006.01); **C07D 521/00** (2006.01)

CPC (source: EP)

A01N 43/78 (2013.01); **A01N 43/80** (2013.01); **A01N 43/82** (2013.01); **C07D 231/12** (2013.01); **C07D 233/56** (2013.01); **C07D 249/08** (2013.01); **C07D 275/03** (2013.01); **C07D 277/30** (2013.01); **C07D 277/32** (2013.01); **C07D 285/06** (2013.01); **C07D 417/04** (2013.01); **C07D 417/12** (2013.01)

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 9932464 A1 19990701; AR 017438 A1 20010905; AU 2054699 A 19990712; BR 9814394 A 20001010; CA 2309973 A1 19990701; CN 1282324 A 20010131; EP 1042306 A1 20001011; GB 9726989 D0 19980218; GT 199800193 A 20000525; HU P0100619 A2 20010628; HU P0100619 A3 20020328; IL 136589 A0 20010614; JP 2001526277 A 20011218; PL 341290 A1 20010409; TR 200001740 T2 20001121; ZA 9811706 B 19990622

DOCDB simple family (application)

EP 9808335 W 19981218; AR P980106522 A 19981218; AU 2054699 A 19981218; BR 9814394 A 19981218; CA 2309973 A 19981218; CN 98812467 A 19981218; EP 98965285 A 19981218; GB 9726989 A 19971222; GT 199800193 A 19981202; HU P0100619 A 19981218; IL 13658998 A 19981218; JP 2000525401 A 19981218; PL 34129098 A 19981218; TR 200001740 T 19981218; ZA 9811706 A 19981221