

Title (en)

SUBSTITUTED OXAZACYCLOALKENES, INTERMEDIATE PRODUCTS AND USE AS FUNGICIDES

Title (de)

SUBSTITUIERTE OXAZACYCLOALKENE, ZWISCHENPRODUKTE UND VERWENDUNG ALS FUNGIZIDE

Title (fr)

OXAZACYCLOALKENES SUBSTITUES, PRODUITS INTERMEDIAIRES ET UTILISATION COMME FONGICIDES

Publication

EP 0743941 A1 19961127 (DE)

Application

EP 95906997 A 19950130

Priority

- DE 4404373 A 19940211
- EP 9500311 W 19950130

Abstract (en)

[origin: DE4404373A1] Substituted oxazacycloalkenes of formula (I) in which A is optionally substituted alkane diyl (alkylene), Ar is optionally substituted arylene or heteroarylene; E is a 1-alkene-1,1-diyl group containing a radical R<1> in the 2nd position or a 2-aza-1-alkene-1,1-diyl group containing a radical R<2> in the 2nd position, or a 3-aza-1-propene-2,3-diyl group containing a radical R in the 3rd position and a radical R<1> in the 1st position, or a 1-aza-1-propene-2,3-diyl group containing a radical R<2> in the 1st position, or a 1,3-diaza-1-propene-2,3-diyl group containing a radical R in the 3rd position and a radical R<2> in the 1st position, or an optionally substituted imino group ("azamethylene", N-R<3>), G is oxygen or, optionally substituted by halogen, hydroxy, alkyl, halogen alkyl or cycloalkyl, alkane diyl or one of the groups: -Q-CQ-, -CQ-Q-, -CH2-Q-, -Q-CH2-, -CQ-Q-CH2-, -CH2-Q-CQ-, -Q-CQ-CH2-, -Q-CQ-Q-CH2-, -N=N-, -S(O)n-, -CH2-S(O)n-, -CQ-, -S(O)n-CH2-, -C(R<4>)=N-O-, -C(R<4>)=N-O-CH2-, -N(R<5>-), -CQ-N(R<5>-), -N(R<5>)-CQ-, -Q-CQ-N(R<5>-), -N=C(R<4>)-Q-CH2-, -CH2-O-N=C(R<4>-), -N(R<5>)-CQ-Q-, -CQ-N(R<5>)-CQ-Q-, -N(R<5>)-CQ-Q-CH2-, -CQ-CH2- oder -N=N-C(R<4>)=N-O-; Z is optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, aryl or heterocyclyl, a process for their production and the use of oxazacycloalkenes as fungicides.

IPC 1-7

C07D 265/08; **C07D 263/10**; **C07D 267/06**; **C07C 251/48**; **C07D 417/04**; **C07D 213/64**; **A01N 43/72**; **A01N 37/36**

IPC 8 full level

C07D 213/64 (2006.01); **A01N 43/72** (2006.01); **A01N 43/76** (2006.01); **A01N 43/78** (2006.01); **C07C 251/48** (2006.01); **C07D 263/10** (2006.01); **C07D 263/14** (2006.01); **C07D 265/08** (2006.01); **C07D 267/06** (2006.01); **C07D 417/04** (2006.01)

CPC (source: EP)

A01N 43/72 (2013.01); **A01N 43/76** (2013.01); **A01N 43/78** (2013.01); **C07C 251/48** (2013.01); **C07D 263/14** (2013.01); **C07D 265/08** (2013.01); **C07D 267/06** (2013.01)

Citation (search report)

See references of WO 9521833A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

DE 4404373 A1 19950817; AU 1536795 A 19950829; EP 0743941 A1 19961127; JP H09508634 A 19970902; WO 9521833 A1 19950817; ZA 951092 B 19951013

DOCDB simple family (application)

DE 4404373 A 19940211; AU 1536795 A 19950130; EP 9500311 W 19950130; EP 95906997 A 19950130; JP 52092995 A 19950130; ZA 951092 A 19950210