

Title (en)
THIOAMIDES S-OXIDES FOR USE AS PESTICIDES

Title (de)
THIOAMID-S-OXIDE ZUR VERWENDUNG ALS SCHÄDLINGSBEKÄMPFUNGSMITTEL

Title (fr)
S-OXYDES DE THIOAMIDE UTILISES COMME PESTICIDE

Publication
EP 0835242 A1 19980415 (EN)

Application
EP 96922792 A 19960610

Priority
• CH 182395 A 19950621
• EP 9602520 W 19960610

Abstract (en)
[origin: WO9700859A1] Thioamide S-oxides of formula (I) are suitable as fungicidally, insecticidally and acaricidally active ingredients in crop protection, in which R1 is hydrogen or C1-C4alkyl, and R2 is hydrogen, C1-C4alkyl, C2-C4alkenyl, C2-C4alkynyl or C3-C6cycloalkyl, and in which R3 and R4 independently of one another are hydrogen, cyano, C1-C4alkyl, halo-C1-C4alkyl, C2-C4alkenyl, C2-C4alkynyl, C3-C6cycloalkyl, cyclopropylmethyl, C1-C4alkoxy, C2-C5alkoxyalkyl, C1-C4alkoxycarbonyl, C1-C4alkylthio, C2-C5alkylthioalkyl; an unsubstituted or up to trisubstituted ring which has not more than 15 ring carbon atoms, which can be polycyclic and which contains 0-3 hetero atoms N, O or S, it being possible for this ring to be bonded via an aliphatic bridge having not more than 4 carbon atoms and/or via either CO, oxygen or sulfur; or in which <u>R3 and R4 together</u> with the joint carbon atom form an unsubstituted or up to trisubstituted ring which has not more than 15 ring carbon atoms, which can be polycyclic and which contains 0-3 hereto atoms N, O or S. They can be used on their own or as formulated compositions, preferably for controlling or preventing infestation with microorganisms.

IPC 1-7
C07C 327/60; C07D 261/20; A61K 31/16; A61K 31/42

IPC 8 full level
C07D 239/24 (2006.01); **A01N 37/18** (2006.01); **A01N 41/02** (2006.01); **A01N 43/80** (2006.01); **C07C 327/60** (2006.01); **C07D 207/335** (2006.01); **C07D 213/53** (2006.01); **C07D 213/61** (2006.01); **C07D 215/12** (2006.01); **C07D 217/02** (2006.01); **C07D 235/14** (2006.01); **C07D 261/20** (2006.01); **C07D 263/56** (2006.01); **C07D 277/82** (2006.01); **C07D 307/66** (2006.01); **C07D 311/14** (2006.01); **C07D 311/68** (2006.01); **C07D 317/58** (2006.01); **C07D 317/64** (2006.01); **C07D 333/20** (2006.01); **C07D 333/28** (2006.01); **C07D 333/58** (2006.01)

CPC (source: EP)
A01N 41/02 (2013.01); **A01N 43/80** (2013.01); **C07C 327/60** (2013.01); **C07D 261/20** (2013.01)

Citation (search report)
See references of WO 9700859A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9700859 A1 19970109; AR 002524 A1 19980325; AU 6354896 A 19970122; BR 9609210 A 19990511; EP 0835242 A1 19980415; JP H11513018 A 19991109; ZA 965230 B 19961223

DOCDB simple family (application)
EP 9602520 W 19960610; AR 10321496 A 19960619; AU 6354896 A 19960610; BR 9609210 A 19960610; EP 96922792 A 19960610; JP 50342997 A 19960610; ZA 965230 A 19960620