

Title (en)
NITROPHENYL-SULFONYL-IMIDAZOLES AND USE THEREOF FOR CONTROLLING VEGETABLE AND ANIMAL PESTS

Title (de)
NITROPHENYL-SULFONYL-IMIDAZOLE UND DEREN VERWENDUNG ZUR BEKÄMPFUNG VON PFLANZLICHEN UND TIERISCHEN SCHÄDLINGEN

Title (fr)
NITROPHENYLE-SULFONYLE-IMIDAZOLES ET LEUR UTILISATION POUR LUTTER CONTRE DES PARASITES VEGETAUX ET ANIMAUX

Publication
EP 1003726 A1 20000531 (DE)

Application
EP 98941320 A 19980713

Priority

- DE 19731781 A 19970724
- DE 19829740 A 19980703
- EP 9804326 W 19980713

Abstract (en)
[origin: US6262100B1] Novel nitrophenyl-sulphonyl-imidazoles of the formulain whichX, R1, R2 and R3 have the meanings stated in the description, a process for the preparation of novel substances and their use for controlling vegetable and animal pests.

IPC 1-7
C07D 233/68; **C07D 491/04**; **C07D 235/24**; **C07D 233/90**; **A01N 43/50**; **A01N 43/52**; **A01N 43/90**

IPC 8 full level
A01N 43/50 (2006.01); **A01N 43/52** (2006.01); **A01N 43/90** (2006.01); **C07D 233/54** (2006.01); **C07D 233/68** (2006.01); **C07D 233/84** (2006.01); **C07D 233/90** (2006.01); **C07D 235/24** (2006.01); **C07D 401/12** (2006.01); **C07D 471/04** (2006.01); **C07D 487/04** (2006.01); **C07D 491/04** (2006.01); **C07D 491/056** (2006.01)

CPC (source: EP US)
A01N 43/50 (2013.01 - EP US); **A01N 43/52** (2013.01 - EP US); **A01N 43/90** (2013.01 - EP US); **C07D 233/68** (2013.01 - EP US); **C07D 233/90** (2013.01 - EP US); **C07D 235/24** (2013.01 - EP US); **C07D 491/04** (2013.01 - EP US)

Citation (search report)
See references of WO 9905116A1

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

DOCDB simple family (publication)
US 6262100 B1 20010717; AU 8974598 A 19990216; CN 1264367 A 20000823; EP 1003726 A1 20000531; JP 2001510828 A 20010807; PL 338191 A1 20001009; US 2002022728 A1 20020221; US 2002094936 A1 20020718; US 6350770 B1 20020226; US 6486191 B2 20021126; WO 9905116 A1 19990204

DOCDB simple family (application)
US 46309200 A 20000118; AU 8974598 A 19980713; CN 98807412 A 19980713; EP 9804326 W 19980713; EP 98941320 A 19980713; JP 2000504115 A 19980713; PL 33819198 A 19980713; US 77422901 A 20010130; US 99049301 A 20011116