

Title (en)

SULFONYLTRIAZOL DERIVATIVES AND THEIR USE FOR COMBATING MICRO-ORGANISMS

Title (de)

SULFONYLTRIAZOL-DERIVATE UND IHRE VERWENDUNG ZUR BEKÄMPFUNG VON MIKRROORGANISMEN

Title (fr)

DERIVES DE SULFONYLTRIAZOL ET LEUR UTILISATION POUR LUTTER CONTRE DES MICRO-ORGANISMES

Publication

EP 1117654 A1 20010725 (DE)

Application

EP 99946189 A 19990920

Priority

- DE 19844497 A 19980929
- EP 9906938 W 19990920

Abstract (en)

[origin: DE19844497A1] The invention relates to new sulfonyltriazol derivatives of formula (I), in which Hal is fluorine, chlorine or bromine, R<1> is hydrogen, alkyl, alkoxyalkyl, cycloalkyl, alkyl aminocarbonyl, possibly substituted phenyl, possibly substituted phenoxy or possibly substituted heterocyclyl; R<2> is alkyl or possibly substituted heterocyclyl or a rest of formula in which R<3> (a) is halogen, alkyl or phenyl, R<4> is hydrogen or alkyl and R<5> is alkyl or possibly substituted phenyl; or R<4> and R<5> together with the nitrogen atom to which they are bound form a heterocyclic ring which can be substituted and can further contain an additional heteroatom. The invention further relates to a method for producing the above substances and to their use in combating undesirable micro-organisms.

IPC 1-7

C07D 249/10; **A01N 43/653**; **C07D 249/12**; **C07D 413/12**; **C07D 409/12**; **C07D 401/04**

IPC 8 full level

A01N 43/653 (2006.01); **A01N 43/80** (2006.01); **C07D 249/10** (2006.01); **C07D 249/12** (2006.01); **C07D 401/04** (2006.01); **C07D 401/14** (2006.01); **C07D 409/12** (2006.01); **C07D 413/12** (2006.01)

CPC (source: EP KR US)

A01N 25/30 (2013.01 - KR); **A01N 33/04** (2013.01 - KR); **A01N 43/653** (2013.01 - EP KR US); **A01N 43/80** (2013.01 - EP KR US); **C07D 249/10** (2013.01 - EP US); **C07D 409/12** (2013.01 - EP US); **C07D 413/12** (2013.01 - EP US)

Citation (search report)

See references of WO 0018742A1

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)

DE 19844497 A1 20000330; AU 5863999 A 20000417; BR 9914078 A 20010619; CN 1320119 A 20011031; EP 1117654 A1 20010725; JP 2002525360 A 20020813; KR 20010079861 A 20010822; PL 346903 A1 20020311; US 2003032811 A1 20030213; US 6384066 B1 20020507; US 6566383 B2 20030520; WO 0018742 A1 20000406

DOCDB simple family (application)

DE 19844497 A 19980929; AU 5863999 A 19990920; BR 9914078 A 19990920; CN 99811533 A 19990920; EP 9906938 W 19990920; EP 99946189 A 19990920; JP 2000572202 A 19990920; KR 20017003512 A 20010319; PL 34690399 A 19990920; US 78765001 A 20010320; US 9086702 A 20020305