

Title (en)
SUBSTITUTED HERBICIDE TETRAZOLINONECARBOXYLIC ACID AMIDES

Title (de)
SUBSTITUIERTE HERBIZIDE TETRAZOLINONCARBONSÄUREAMIDE

Title (fr)
AMIDES D'ACIDE TETRAZOLINONECARBOXYLIQUE SUBSTITUES HERBICIDES

Publication
EP 1003741 A1 20000531 (DE)

Application
EP 98941362 A 19980720

Priority
• DE 19733989 A 19970806
• EP 9804480 W 19980720

Abstract (en)
[origin: WO9907702A1] The invention concerns tetrazolinonecarboxylic acid amides of formula (I) and amide-containing herbicides. In formula (I), Het represents oxetan-3-yl, thietan-3-yl, tetrahydrofuran-3-yl, furan-3-yl, tetrahydrothiophene-3-yl, thiophene-3-yl, tetrahydro-2H-pyran-3-yl, tetrahydro-2H-thiopyran-3-yl, tetrahydro-2H-pyran-4-yl or tetrahydro-2H-thiopyran-4-yl, each being possibly substituted; R<1> represents alkyl C1-C6, alkyl halide C1-C6, cyanoalkyl C1-C4, alkoxy C1-C6 alkyl C1-C4, alkyl halide C1-C4 alkyl C1-C4, alkylthio C1-C4 alkyl C1-C4, alkylthio halide C1-C4 alkyl C1-C4, alkylsulfonyl C1-C4 alkyl C1-C4, alkylsulfonyl halide C1-C4 alkyl C1-C4, alkenyl C2-C6, cyanoalkenyl C3-C6, alkenyl halide C2-C6, alkenyl C3-C6, cycloalkyl C3-C8, cycloalkyl C3-C8 alkyl C1-C4, cycloalkenyl C5-C8, cycloalkenyl C5-C8 alkyl C1-C4, phenyl, phenylalkyl C1-C4, heterocyclyl having 3 to 7 links and capable of containing one carbonyl or thiocarbonyl cycle, or heterocyclylalkyl C1-C4 having 3 to 7 links and capable of containing one carbonyl or thiocarbonyl cycle, the cycloalkyl, cycloalkenyl, phenyl or heterocyclyl cycles being possibly substituted; R<2> represents hydrogen, alkyl C1-C6, alkyl halide C1-C6, alkenyl C3-C6, alkenyl halide C3-C6, alkenyl C3-C6, cycloalkyl C3-C8, cycloalkyl C3-C8 alkyl C1-C4, phenyl, phenylalkyl C1-C4, heterocyclyl having 3 to 7 links and capable of containing one carbonyl or thiocarbonyl cycle, or heterocyclylalkyl C1-C4 having 3 to 7 links and capable of containing a carbonyl or thiocarbonyl cycle, the cycloalkyl, phenyl or heterocyclyl cycles being possibly substituted.

IPC 1-7
C07D 405/12; **C07D 409/12**; **A01N 47/38**; **A01N 43/713**

IPC 8 full level
A01N 47/38 (2006.01); **C07D 405/12** (2006.01); **C07D 409/12** (2006.01)

CPC (source: EP US)
A01N 47/38 (2013.01 - EP US); **C07D 405/12** (2013.01 - EP US); **C07D 409/12** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 9907702 A1 19990218; AR 016805 A1 20010801; AU 8977198 A 19990301; CA 2299502 A1 19990218; EP 1003741 A1 20000531; JP 2001512728 A 20010828; US 6277790 B1 20010821

DOCDB simple family (application)
EP 9804480 W 19980720; AR P980103896 A 19980806; AU 8977198 A 19980720; CA 2299502 A 19980720; EP 98941362 A 19980720; JP 2000506206 A 19980720; US 46382800 A 20000201