

Title (en)  
HETEROCYCLIC AMIDES, METHOD FOR THE PRODUCTION THEREOF, SUBSTANCES CONTAINING SAID HETEROCYCLIC AMIDES, AND USE THEREOF AS PESTICIDES

Title (de)  
HETEROCYCLISCHE AMIDE, VERFAHREN ZU IHRER HERSTELLUNG, SIE ENTHALTENDE MITTEL UND IHRE VERWENDUNG ALS SCHÄDLINGSBEKÄMPFUNGSMITTEL

Title (fr)  
AMIDES HETEROCYCLIQUES, PROCÉDES POUR LES PRODUIRE, PRODUITS LES CONTENANT ET LEUR UTILISATION EN TANT QUE PRODUITS ANTIPARASITAIRES

Publication  
**EP 1601654 A1 20051207 (DE)**

Application  
**EP 04712514 A 20040219**

Priority  
• EP 2004001577 W 20040219  
• DE 10307845 A 20030225

Abstract (en)  
[origin: WO2004076421A1] Disclosed are amides of formula (I) and the salts thereof, wherein A represents CH or N; Y represents O or S; n represents 0 or 1; R<1> represents (C1-C4) haloalkyl; R<2>, R<3> are identical or different, representing hydrogen, (C1-C4) alkyl, (C1-C4) haloalkyl, or halogen; R<4> represents hydrogen, (C<1>-C10) alkyl, (C3-C10) cycloalkyl, (C3-C10) alkenyl, or (C3-C10) alkynyl, up to three hydrogen atoms in said alkyl groups, cycloalkyl groups, alkenyl groups, or alkynyl groups being optionally replaced by halogen, preferably fluoride or chlorine, up to the maximum number thereof being optionally replaced if fluoride is used; R<5> represents G<1>SR<6>, G<1>S(O)R<7>, G<1>S(O)2R<8>, G<1>OR<9>, G<1>NR<10>R<11>, G<2>CR<12>=NOR<13> G<1>ON=CR<14>R<15>, G<2>CR<12>=N-NR<16>R<17>, G<1>NR<13>N=CR<14>R<15>, G<1>NR<18>NR<19>R<20>, G<1>ONR<21>R<22>, G<1>NR<23>OR<24>, G<2>CR<10>=N<(+)>(O<(-)>)R<12>, R<25>, or G<1>R<26>; G<1> represents an unbranched or branched (C2-C6) alkylene unit for which at least one C2 distance has to be given between the amide nitrogen and the radical R<5>; G<2> represents an unbranched or branched (C1-C6) alkylene unit; and R<6> to R<26> have the meanings indicated in the description. Said amides of formula (I) and the salts thereof are suitable for pest control.

IPC 1-7  
**C07D 213/82; C07D 401/12; C07D 405/12; C07D 409/12; C07D 413/12; C07D 417/12; A01N 43/40**

IPC 8 full level  
**A01N 43/40** (2006.01); **A01N 43/50** (2006.01); **A01N 43/52** (2006.01); **A01N 43/54** (2006.01); **A01N 43/653** (2006.01); **A01N 43/713** (2006.01); **A01N 43/76** (2006.01); **A01N 43/78** (2006.01); **A01N 43/82** (2006.01); **A01N 43/84** (2006.01); **A01N 47/12** (2006.01); **A01N 47/14** (2006.01); **A01N 47/24** (2006.01); **A01N 47/28** (2006.01); **A01N 47/34** (2006.01); **A01N 47/38** (2006.01); **C07D 213/82** (2006.01); **C07D 401/12** (2006.01); **C07D 405/12** (2006.01); **C07D 409/12** (2006.01); **C07D 413/12** (2006.01); **C07D 417/12** (2006.01)

CPC (source: EP KR US)  
**A01N 43/40** (2013.01 - EP US); **A01N 43/50** (2013.01 - EP US); **A01N 43/52** (2013.01 - EP US); **A01N 43/54** (2013.01 - EP US); **A01N 43/653** (2013.01 - EP US); **A01N 43/713** (2013.01 - EP US); **A01N 43/76** (2013.01 - EP US); **A01N 43/78** (2013.01 - EP US); **A01N 43/82** (2013.01 - EP US); **A01N 43/84** (2013.01 - EP US); **A01N 47/12** (2013.01 - EP US); **A01N 47/14** (2013.01 - EP US); **A01N 47/24** (2013.01 - EP US); **A01N 47/28** (2013.01 - EP US); **A01N 47/34** (2013.01 - EP US); **A01N 47/38** (2013.01 - EP US); **A61P 33/00** (2017.12 - EP); **A61P 33/14** (2017.12 - EP); **C07D 213/26** (2013.01 - KR); **C07D 213/56** (2013.01 - KR); **C07D 213/82** (2013.01 - EP US); **C07D 401/12** (2013.01 - EP US); **C07D 405/12** (2013.01 - EP US); **C07D 409/12** (2013.01 - EP US); **C07D 413/12** (2013.01 - EP US); **C07D 417/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004076421A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 10307845 A1 20040902**; BR PI0407842 A 20060214; EP 1601654 A1 20051207; JP 2006518721 A 20060817; KR 20050102139 A 20051025; MX PA05008999 A 20051018; TW 200510318 A 20050316; US 2006173022 A1 20060803; WO 2004076421 A1 20040910; ZA 200506154 B 20060531

DOCDB simple family (application)  
**DE 10307845 A 20030225**; BR PI0407842 A 20040219; EP 04712514 A 20040219; EP 2004001577 W 20040219; JP 2006501884 A 20040219; KR 20057015640 A 20050824; MX PA05008999 A 20040219; TW 93104799 A 20040225; US 54700405 A 20050825; ZA 200506154 A 20050802