

Title (en)
DELTA1-PYRROLINES

Title (de)
DELTA1-PYRROLINE

Title (fr)
DELTA1-PYRROLINES

Publication
EP 1474389 A2 20041110 (DE)

Application
EP 03734679 A 20030121

Priority

- DE 10204115 A 20020201
- EP 0300516 W 20030121

Abstract (en)
[origin: WO03064385A2] The invention relates to novel DELTA 1-pyrrolines of formula (I), in which R1, R2, R3, R4, R5, R6, X, Y, R7, R8 and R9 are defined as per the description. The invention also relates to several methods for producing said substances and to the use thereof for combating pests, in addition to novel intermediate products and to methods for producing the latter.

IPC 1-7
C07D 207/00

IPC 8 full level
A01N 43/74 (2006.01); **A01N 43/76** (2006.01); **A01N 43/78** (2006.01); **A01N 43/90** (2006.01); **C07D 207/20** (2006.01); **C07D 401/12** (2006.01);
C07D 413/10 (2006.01); **C07D 417/10** (2006.01); **C07D 498/04** (2006.01)

CPC (source: EP KR US)
A01N 43/74 (2013.01 - EP US); **C07D 207/20** (2013.01 - EP KR US); **C07D 401/12** (2013.01 - EP US); **C07D 413/10** (2013.01 - EP KR US);
C07D 417/10 (2013.01 - EP KR US)

Citation (search report)
See references of WO 03064385A2

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

DOCDB simple family (publication)
WO 03064385 A2 20030807; WO 03064385 A3 20031002; BR 0307341 A 20041221; CA 2474594 A1 20030807; CN 1646489 A 20050727;
DE 10204115 A1 20030807; EP 1474389 A2 20041110; JP 2005521666 A 20050721; KR 20040083482 A 20041002;
MX PA04007359 A 20041126; NZ 534388 A 20060526; US 2005124497 A1 20050609; ZA 200405969 B 20060222

DOCDB simple family (application)
EP 0300516 W 20030121; BR 0307341 A 20030121; CA 2474594 A 20030121; CN 03807656 A 20030121; DE 10204115 A 20020201;
EP 03734679 A 20030121; JP 2003564008 A 20030121; KR 20047011296 A 20030121; MX PA04007359 A 20030121;
NZ 53438803 A 20030121; US 50266504 A 20041213; ZA 200405969 A 20040727