

Title (en)
SUBSTITUTED 4-PYRAZOLYL PYRAZOLINES USED FOR PEST CONTROL

Title (de)
SUBSTITUIERTE 4-PYRAZOLYL-PYRAZOLINE ALS SCHÄDLINGSKÄMPUNGSMITTEL

Title (fr)
4-PYRAZOLYLE-PYRAZOLINES SUBSTITUEES UTILISEES COMME PRODUITS PHYTOSANITAIRES

Publication
EP 1478644 A1 20041124 (DE)

Application
EP 03742511 A 20030206

Priority
• DE 10206791 A 20020219
• EP 0301179 W 20030206

Abstract (en)
[origin: WO03070724A1] Disclosed are new substituted 4-pyrazolyl pyrazolines of formula (I), in which R1 represents a heteroaryl ring and R2, R3, and R4 have the meanings indicated in the description, several methods for producing said agents, the use thereof for controlling pests, and new intermediates and methods for the production thereof.

IPC 1-7
C07D 403/14; **C07D 405/14**; **A01N 43/713**; **A01N 43/82**

IPC 8 full level
A01N 25/30 (2006.01); **A01N 47/38** (2006.01); **C07B 61/00** (2006.01); **C07D 403/04** (2006.01); **C07D 403/14** (2006.01); **C07D 413/04** (2006.01); **C07D 413/14** (2006.01)

CPC (source: EP KR US)
A01N 47/38 (2013.01 - EP US); **C07D 403/04** (2013.01 - EP US); **C07D 403/14** (2013.01 - EP KR US); **C07D 405/14** (2013.01 - KR); **C07D 413/04** (2013.01 - EP US); **C07D 413/14** (2013.01 - EP KR US)

Citation (search report)
See references of WO 03070724A1

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 SE SI SK TR

DOCDB simple family (publication)
WO 03070724 A1 20030828; AU 2003246700 A1 20030909; BR 0307820 A 20041214; CN 100349891 C 20071121; CN 1646523 A 20050727; DE 10206791 A1 20030828; EP 1478644 A1 20041124; JP 2005532266 A 20051027; KR 20040082436 A 20040924; US 2005159603 A1 20050721; US 7345080 B2 20080318

DOCDB simple family (application)
EP 0301179 W 20030206; AU 2003246700 A 20030206; BR 0307820 A 20030206; CN 03808772 A 20030206; DE 10206791 A 20020219; EP 03742511 A 20030206; JP 2003569631 A 20030206; KR 20047012722 A 20030206; US 50435705 A 20050211