

Title (en)
N-CYCLOALKYL-3-ALKENYLBENZOYL-PYRAZOLE DERIVATIVES

Title (de)
N-CYCLOALKYL-3-ALKENYLBENZOYL-PYRAZOLE-DERIVATE ALS HERBIZIDE

Title (fr)
DERIVES DE N-CYCLOALKYL-3-ALCENYLBENZOYLPYRAZOLES

Publication
EP 1194407 A2 20020410 (DE)

Application
EP 00945814 A 20000623

Priority
• DE 19931863 A 19990709
• EP 0005860 W 20000623

Abstract (en)
[origin: WO0104096A2] The invention relates to cycloalkyl-substituted benzoyl pyrazoles of formula (I) wherein said variables can, for example, have the following meanings: R<1> = hydrogen, nitro, halogen, cyano, rhodano or an optionally substituted aliphatic radical; R<2> = an optionally substituted aliphatic radical, halogen, nitro, in addition to substituted sulfonyl or amino groups; R<3> = hydrogen, halogen, C1-C6-alkyl, C1-C6-halogenalkyl, C1-C6-alkoxy, C2-C6-alkenyl or C2-C6-alkinyl; R<4>, R<5> = hydrogen, nitro, halogen, cyano, rhodano, an optionally substituted aliphatic radical or substituted sulfonyl or amino groups; R<6> = hydrogen, halogen, C1-C6-alkyl, C1-C6-alkoxy, C3-C8-cycloalkyl; R<7> = a cyclic ring system with 3 - 14 ring atoms; R<16> = hydroxy or a substituted hydroxy group; in addition to tautomers or agriculturally useful salts thereof. The invention also relates to methods for the production of compounds of formula (I), agents containing said compounds, the use of compounds of formula (I) and agents containing said compounds as pesticides.

IPC 1-7
C07D 231/20; **A01N 43/56**

IPC 8 full level
A01N 43/56 (2006.01); **C07D 231/20** (2006.01)

CPC (source: EP KR US)
A01N 43/56 (2013.01 - EP KR US); **C07D 231/20** (2013.01 - EP KR US)

Citation (search report)
See references of WO 0104096A2

Designated contracting state (EPC)
CH DE ES FR GB LI

DOCDB simple family (publication)
WO 0104096 A2 20010118; **WO 0104096 A3 20010525**; AU 5978100 A 20010130; BR 0012280 A 20020604; CA 2378592 A1 20010118; CN 1142917 C 20040324; CN 1360578 A 20020724; EP 1194407 A2 20020410; JP 2003504356 A 20030204; KR 20020029074 A 20020417; US 6475957 B1 20021105

DOCDB simple family (application)
EP 0005860 W 20000623; AU 5978100 A 20000623; BR 0012280 A 20000623; CA 2378592 A 20000623; CN 00810060 A 20000623; EP 00945814 A 20000623; JP 2001509707 A 20000623; KR 20027000247 A 20020108; US 1904701 A 20011227