

Title (en)

PYRAZOLYPYRAZOLES SUBSTITUTED BY 1-METHYL-5- ALKYSULPHONYL, 1-METHYL-5- ALKYSUPHINYL AND 1-METHYL-5- ALKYLTHIO, METHODS FOR PREPARING THEM AND USE AS HERBICIDES

Title (de)

1-METHYL-5- ALKYSULFONYL-, 1-METHYL-5- ALKYSULFINYL- UND 1-METHYL-5- ALKYLTHIO-SUBSTITUIERTE PYRAZOLYPYRAZOLE, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG ALS HERBIZIDE

Title (fr)

PYRAZOLYPYRAZOLES SUBSTITUES PAR 1-METHYLE-5- ALKYSULFONYLE, 1-METHYLE-5 -ALKYSULFINYLE ET 1-METHYLE-5- ALKYLTHIO, PROCEDES PERMETTANT DE LES PREPARER ET LEUR UTILISATION COMME HERBICIDES

Publication

**EP 1034165 A1 20000913 (DE)**

Application

**EP 98958237 A 19981031**

Priority

- DE 19751943 A 19971124
- EP 9806906 W 19981031

Abstract (en)

[origin: US6232271B1] 1-Methyl-5-alkylsulfonyl-, 1-methyl-5-alkylsulfinyl- and 1-methyl-5-alkylthio-substituted pyrazolypyrazoles, processes for their preparation and their use as herbicides1 -Methyl-5-alkylsulfonyl-, 1-methyl-5-alkylsulfinyl- and 1-methyl-alkylthio-substituted pyrazolypyrazoles of the formula (I) are described as herbicidally active compounds.In this formula (I), R1 and R4 are various substituents, R2 is halogen or cyano, R3 is cyano, nitro or thiocarbamoyl and n is 0, 1 or 2.

IPC 1-7

**C07D 231/44; C07D 405/04; C07D 411/04; A01N 43/56**

IPC 8 full level

**C07D 231/44** (2006.01); **A01N 43/56** (2006.01); **A01P 13/00** (2006.01); **C07D 231/18** (2006.01); **C07D 405/14** (2006.01); **C07D 411/14** (2006.01); **C07D 493/04** (2006.01)

CPC (source: EP US)

**A01N 43/56** (2013.01 - EP US); **C07D 231/18** (2013.01 - EP US); **C07D 405/14** (2013.01 - EP US)

Citation (search report)

See references of WO 9926931A1

Designated contracting state (EPC)

DE DK ES FR GB IT NL

DOCDB simple family (publication)

**US 6232271 B1 20010515**; AR 016013 A1 20010530; AU 1435199 A 19990615; BR 9814993 A 20001003; CA 2309210 A1 19990603; CN 1279671 A 20010110; CO 5040074 A1 20010529; DE 19751943 A1 19990527; EP 1034165 A1 20000913; HU P0100134 A2 20010628; HU P0100134 A3 20020828; JP 2001524472 A 20011204; PL 340644 A1 20010212; RU 2212408 C2 20030920; TW 444009 B 20010701; WO 9926931 A1 19990603; ZA 9810673 B 19990524

DOCDB simple family (application)

**US 19657598 A 19981120**; AR P980105920 A 19981120; AU 1435199 A 19981031; BR 9814993 A 19981031; CA 2309210 A 19981031; CN 98811455 A 19981031; CO 98068213 A 19981119; DE 19751943 A 19971124; EP 9806906 W 19981031; EP 98958237 A 19981031; HU P0100134 A 19981031; JP 2000522089 A 19981031; PL 34064498 A 19981031; RU 2000116344 A 19981031; TW 87119283 A 19981120; ZA 9810673 A 19981123