

Title (en)
PYRAZOLYLPYRAZOLES SUBSTITUTED BY 1-METHYL-5- ALKYLSULPHONYL, 1-METHYL-5- ALKYLUPHINYL AND 1-METHYL-5-
ALKYLTHIO, METHODS FOR PREPARING THEM AND USE AS HERBICIDES

Title (de)
1-METHYL-5- ALKYLSULFONYL-, 1-METHYL-5- ALKYLSULFINYL- UND 1-METHYL-5- ALKYLTHIO-SUBSTITUIERTE PYRAZOLYLPYRAZOLE,
VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG ALS HERBIZIDE

Title (fr)
PYRAZOLYLPYRAZOLES SUBSTITUES PAR 1-METHYLE-5- ALKYLSULFONYLE, 1-METHYLE-5 -ALKYLSULFINYLE ET 1-METHYLE-5-
ALKYLTHIO, PROCEDES PERMETTANT DE LES PREPARER ET LEUR UTILISATION COMME HERBICIDES

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Abstract (en)
[origin: US6232271B1] 1-Methyl-5-alkylsulfonyl-, 1-methyl-5-alkylsulfinyl- and 1-methyl-5-alkylthio-substituted pyrazolylpyrazoles, processes for their
preparation and their use as herbicides1 -Methyl-5-alkylsulfonyl-, 1-methyl-5-alkylsulfinyl- and 1-methyl-alkylthio-substituted pyrazolylpyrazoles 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.

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IPC 8 full level
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HU P0100134 A 19981031; JP 2000522089 A 19981031; PL 34064498 A 19981031; RU 2000116344 A 19981031; TW 87119283 A 19981120;
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