

Title (en)

2-FLUOROALKYL-SUBSTITUTED BENZIMIDAZOLES, THEIR PREPARATION AND THEIR USE AS PESTICIDES.

Title (de)

2-FLUORALKYL-SUBSTITUIERTE BENZIMIDAZOLE, IHRE HERSTELLUNG UND IHRE VERWENDUNG ALS SCHÄDLINGSBEKÄMPFUNGSMITTEL.

Title (fr)

BENZIMIDAZOLES 2-FLUOROALKYL-SUBSTITUES, LEUR PREPARATION ET LEUR UTILISATION COMME PESTICIDES.

Publication

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Application

**EP 93923546 A 19931025**

Priority

- DE 4237597 A 19921106
- EP 9302947 W 19931025

Abstract (en)

[origin: DE4237597A1] New substituted benzimidazoles have the formula (I), in which R<1> stands for hydrogen, alkyl, alkylhalide, possibly substituted cycloalkyl or aryl; R<2> stands for hydrogen, alkyl, alkylhalide, possibly substituted cycloalkyl or aryl; R<3> stands for fluoroalkyl; X<1>, X<2>, X<3> and X<4> represent independently from each other hydrogen, halogen, cyano, nitro, possibly substituted alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl or cycloalkyl, condensed possibly substituted dioxyalkylene, hydroxycarbonyl, alkylcarbonyl, alkoxy carbonyl, cycloalkyloxy carbonyl, possibly substituted amino or aminocarbonyl, possibly substituted aryl, aryloxy arylthio, arylsulfinyl, arylsulfonyl, arylsulfonyloxy, arylcarbonyl, aryloxy carbonyl, arylazo or arylthiomethylsulfonyl. At least one of the substituents X<1>, X<2>, X<3> and X<4> is however different from hydrogen. The compounds 1-(N, N-diethylaminosulfonyl)-2-trifluoromethyl-4-nitro-6-trifluoromethyl-benzimidazole, 1-(N,N-diethylaminosulfonyl)-2-trifluoromethyl-4-nitro-6-trifluoromethyl-benzimidazole and 1-[N,N-bis-(n-propyl)-aminosulfonyl]-2-trifluoromethyl-4-nitro-6-trifluoromethyl-benzimidazole are excepted. Also disclosed are the preparation of these compounds and their use as pesticides.

IPC 1-7

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IPC 8 full level

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