

Title (en)
ORGANIC NITRILE DERIVATIVES AND THEIR USE AS PESTICIDES

Title (de)
ORGANISCHE NITRILDERIVATE UND IHRE ANWENDUNG ALS PESTIZIDE

Title (fr)
DERIVES ORGANIQUES NITRILE ET LEUR UTILISATION COMME PESTICIDES

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Application
EP 99907393 A 19990120

Priority

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Abstract (en)

[origin: WO9937603A1] Compounds of formula (I), wherein: A1 and A2 each represent independently of one other an aryl or a heteroaryl radical; and A1 where appropriate is substituted with substituent (R3a)_{n1} and A2 where appropriate with substituent (R3b)_{n2}; n1 and n2 are independently of one another 0, 1, 2, 3 or 4; and <u>either</u> R3a and R3b independently of one another are for example halogen, C1-C6alkyl, C2-C4alkinyl, halogen-C1-C6alkyl, halogen-C2-C4alkinyl, C1-C6alkoxy, halogen-C1-C6alkoxy, C2-C6alkenyloxy, C2-C6alkinyloxy or halogen-C2-C6alkenyloxy; and R2 is R2a; R2a is for example -C1-C6alkyl-NR11R12, -COC9-C20alkyl, -C1-C6alkyl-O-C1-C6alkyl-O-C1-C6alkyl or -CH2O(C=O)C1-C6alkyl; <u>or</u>, at least one of the radicals R3a or R3b is -CR5=CR5R14, -NR11R12, -C(=O)CN, -C(=O)C(=O)O-C1-C6alkyl, -CR7=NOR10, or a five or six-membered heteroaryl ring bonded by a carbon atom; R2 is R2a or R2b, wherein R2a is as defined hereinbefore; and R2b is for example hydrogen, -OH, C1-C6alkyl or C1-C6alkoxy; R14 is for example hydrogen, halogen, C1-C6alkyl or halogen-C1-C6alkyl; X is O or S; p is 0, 1 or 2; R5 is independently H or C1-C8alkyl; R6 is for example independently H, C1-C8alkyl or C3-C6cycloalkyl; R7 is for example H, C1-C8alkyl, C2-C8alkenyl or halogen-C1-C8alkyl; R8 is for example C1-C8alkyl, C1-C8alkenyl or halogen-C1-C8alkyl; R9 is C1-C6alkyl, halogen-C1-C4alkyl or aryl; R10 is H, C1-C6alkyl, C3-C6cycloalkyl, phenyl or benzyl; R11 and R12 for example are independently of one another H, C1-C6alkyl or phenyl; and where applicable the possible E/Z isomers, E/Z isomer mixtures and/or tautomers thereof, in free form or in agrochemically acceptable form, can be used as agrochemical active ingredients and may be prepared in a known manner.

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