

Title (en)  
PESTICIDAL PYRIDINE THIOAMIDES

Title (de)  
PYRIDIN THIOAMIDE ALS PESTIZIDE

Title (fr)  
THIOAMIDES DE PYRIDINE PESTICIDES

Publication  
**EP 0790983 A1 19970827 (EN)**

Application  
**EP 95937839 A 19951025**

Priority  
• CH 332294 A 19941107  
• EP 9504176 W 19951025

Abstract (en)  
[origin: WO9614301A1] Compounds of formula (I), wherein, R1 and R2 are each independently of the other C1-C6alkyl, halo-C1-C6alkyl containing 1-5 halogen atoms, C1-C2alkoxy-C1-C6alkyl, nitro-C1-C6alkyl, cyano-C1-C6alkyl, C1-C2alkanoyl-C1-C6alkyl, C1-C2alkoxycarbonyl-C1-C6alkyl, C1-C2alkylthio-C1-C6alkyl, C1-C2alkanesulfinyl-C1-C6alkyl, C1-C2alkanesulfonyl-C1-C6alkyl, C2-C6alkenyl, halo-C2-C6alkenyl containing 1-5 halogen atoms, C2-C6alkynyl, halo-C2-C6alkynyl containing 1-5 halogen atoms, C3-C7cycloalkyl or halogen; or R1 and R2, taken together, form a saturated or unsaturated 5- to 7-membered unsubstituted or substituted carbocyclic or heterocyclic ring which may contain one or two hetero atoms selected from O and S; R3 and R4 are each independently of the other hydrogen, C1-C6alkyl or halogen; R5 is hydrogen, C1-C6alkyl which is unsubstituted or substituted by cyano, nitro, halogen, carboxyl, C1-C2alkoxycarbonyl, C1-C2alkanoyl, C1-C2alkanesulfonyl or phenylsulfonyl, C2-C6alkenyl, C2-C6alkynyl or benzyl; X is (CH2)n, CH=CH, or C=C; Y is an unsubstituted or substituted 5-8-membered carbocyclic or heterocyclic ring which can be saturated or unsaturated, aromatic or nonaromatic and which may contain 1 or 2 hetero atoms selected from O, S and/or N and to which a further aromatic group can be fused; n is 1, 2, 3 or 4; or tautomers thereof, in the free form or in the form of a salt, are pesticidal compounds. Said compounds can be used for the control of pests, in particular as microbicides, insecticides and acaricides in agriculture, horticulture and in the hygiene sector.

IPC 1-7  
**C07D 213/75; A61K 31/44; C07D 401/12; C07D 409/12; C07D 405/12; C07D 413/12**

IPC 8 full level  
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