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| (21) International Application Number: <b>PCT/HU96/00069</b><br>(22) International Filing Date: <b>19 November 1996 (19.11.96)</b><br>(30) Priority Data:<br>✓ P 95 03318      21 November 1995 (21.11.95)    HU ✓<br>(71) Applicant (for all designated States except US): CHINOIN<br>GYÓGYSZER ÉS VEGYÉSZETI TERMÉKEK GYÁRA<br>RT. [HU/HU]; Tó u. 1-5, H-1045 Budapest (HU).<br>(72) Inventors; and<br>(75) Inventors/Applicants (for US only): ARVAI Géza [HU/HU];<br>✓ Róbert K. krt. 20, H-1138 Budapest (HU); BAKONYVÁRI,<br>Ildikó [HU/HU]; Damjanich u. 4/a, H-8200 Veszprém<br>(HU); BERTÓK, Béla [HU/HU]; Rizling u. 16, H-1223<br>✓ Budapest (HU); CSÍZ, László [HU/HU]; Tulipán u. 5, H-<br>2030 Érd (HU); CZUDOR, Irén [HU/HU]; Kiránduló u. 1/a,<br>H-1222 Budapest (HU); KURUCZNÉ, R., Zsuzsa [HU/HU];<br>Emőke u. 1/b, H-2030 Érd (HU); PAP, László [HU/HU];<br>Gyöngyvirág u. 23, H-2030 Érd (HU); SZÉKELY, István<br>[HU/HU]; Krajcár u. 6, H-2110 Dunakeszi (HU). ✓<br>(74) Common Representative: CHINOIN GYÓGYSZER ÉS<br>VEGYÉSZETI TERMÉKEK GYÁRA RT; Iparjogi<br>Osztály, Tó u. 1-5, H-1045 Budapest (HU).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR,<br>BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE,<br>HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,<br>LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,<br>PT, RO, RU, SD, SE, <b>SG</b> , SI, SK, TJ, TM, TR, TT, UA,<br>UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ,<br>UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ,<br>TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR,<br>GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF,<br>BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).<br>Published<br>Without international search report and to be republished<br>upon receipt of that report.<br>ACT + PF13 + PF23<br>20/5/99      7/1/2000 |
| (54) Title: PESTICIDE COMPOUNDS, COMPOSITIONS AND PROCESS FOR THE PREPARATION THEREOF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| (57) Abstract<br>The invention relates to compounds of general formula (I), their optically active isomers and salts wherein Ar = alicyclic, aromatic or one or more heteroatom containing heterocyclic moiety, optionally substituted by one or more alkoxy-, methylenedioxy-, alkyl-, halogen-, haloalkyl-, or nitro-group and/or condensed with a benzene ring; R <sup>1</sup> , R <sup>2</sup> = independently H, alkyl, alkenyl, haloalkyl, phenyl, substituted phenyl, cycloalkyl, R <sup>3</sup> , R <sup>4</sup> = independently H, alkyl, alkenyl, haloalkyl, phenyl, substituted phenyl, cycloalkyl, or R <sup>3</sup> , R <sup>4</sup> are together -O-, Y = C, PO, or YR <sup>3</sup> R <sup>4</sup> together (a) group; X = -O-, -NR <sup>10</sup> -, R <sup>9</sup> = H, alkyl, phenyl, substituted phenyl; R <sup>10</sup> = H, alkyl; R <sup>5</sup> , R <sup>6</sup> , R <sup>7</sup> , R <sup>8</sup> are independently H, alkyl, alkenyl, haloalkyl, or Ar-(CR <sup>1</sup> R <sup>2</sup> ) <sub>m</sub> -(YR <sup>3</sup> R <sup>4</sup> ) <sub>n</sub> -X- form together a carboximide group; E = H, halogen, methyl; m = 0, 1, 2; n = 0, 1; o = 0, 1, 2; p = 0, 1, 2, with the proviso, that the sum of the atoms or groups of the -(CR <sup>1</sup> R <sup>2</sup> ) <sub>m</sub> -(CR <sup>3</sup> R <sup>4</sup> ) <sub>n</sub> -X-(CR <sup>5</sup> R <sup>6</sup> ) <sub>o</sub> -(CR <sup>7</sup> R <sup>8</sup> ) <sub>p</sub> bridge skeleton is 3 and the -C≡C-E skeleton forms with the atoms of the bridge a linear chain, consisting of 6 atoms ending preferably in a methyl group, furthermore with the proviso, that if Ar stands for a naphthyl group, Y means C-atom, X means O-atom, R <sup>3</sup> and R <sup>4</sup> together cannot mean =O. The compounds of general formula (I) according to the invention can be applied as active ingredients of pesticide, preferably arthropodicide compositions, and as synergists of other arthropodicide active ingredients.<br><div style="text-align: right;"> <math display="block">\begin{array}{c} R^9 \\   \\ -C=N- \text{ group} \end{array} \quad (I)</math> </div> |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |