

Title (en)
SUBSTITUTED 2-PHENYLPYRIDINES USEFUL AS HERBICIDES

Title (de)
SUBSTITUIERTE 2-PHENYLPYRIDINE ALS HERBIZIDE

Title (fr)
2-PHENYLPYRIDINES SUBSTITUEES UTILES COMME HERBICIDES

Publication
EP 0843662 A1 19980527 (DE)

Application
EP 96926387 A 19960723

Priority
• DE 19528943 A 19950807
• EP 9603243 W 19960723

Abstract (en)
[origin: DE19528943A1] Substituted 2-phenylpyridines have the formula (I), in which n equals 0, 1; R<1> stands for halogen, C1-C6 alkyl halide; R<2>, R<3> stand for H, halogen; R<4> stand for CN, halogen; X, Y stand for -O-, -S-; R<5>, R<6> stand for H, C1-C4 alkyl or form together an 1,2-ethylene, 1,3-propylene, 1,4-tetramethylene or 1,5-pentamethylene chain; R<7> stands for C1-C6 alkyl halide, C3-C6 alkenyl halide, C2-C6-alkenyloxy-C1-C4-alkyl, C2-C6-alkenyloxy-C1-C4-alkoxy-C1-C4-alkyl, C3-C6-alkenyl, C3-C6-alkenyloxy-C1-C4-alkoxy-C1-C4-alkyl, C3-C6-alkenyl, C3-C6-alkadienyl, C3-C6-alkinyl, C3-C6-cycloalkyl, C5-C6-cycloalkenyl, 3-oxetanyl, 3-thietanyl, phenyl, phenyl-C1-C4-alkyl or 5/6-membered heteroaryl with 1 to 3 heteroatoms selected from the group that consists of 2 oxygen atoms, two sulphur atoms and 3 nitrogen atoms, whereas each phenyl ring and heteroaromatic compound may be unsubstituted or bear 1 to 3 substituents halogen, NO₂, CN, C1-C4-alkyl, C1-C4-alkoxy or C1-C4-alkoxycarbonyl; or R<6> and R<7> form together an 1,2-ethylene or 1,3-propylene chain that may bear one or two C1-C4 alkyl substituents. These compounds are useful as herbicides, as plant siccative/defoliating agents.

IPC 1-7
C07D 213/61; **C07D 405/12**; **A01N 43/40**

IPC 8 full level
A01N 43/40 (2006.01); **C07D 213/61** (2006.01); **C07D 405/12** (2006.01)

CPC (source: EP US)
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See references of WO 9706143A1

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