

Title (en)  
HERBICIDAL SUBSTITUTED PYRIDINES, METHOD FOR PRODUCING THE SAME AND THEIR USE AS HERBICIDAL AGENTS AND PLANT GROWTH REGULATORS

Title (de)  
HERBIZIDE SUBSTITUIERTE PYRIDINE, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG ALS HERBIZIDE UND PFLANZENWACHSTUMSREGULATOREN

Title (fr)  
PYRIDINE SUBSTITUEE HERBICIDE, SON PROCEDE DE FABRICATION ET SON UTILISATION COMME HERBICIDE ET REGULATEUR DE CROISSANCE DES PLANTES

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Application  
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Abstract (en)  

[origin: WO03000679A2] The invention relates to a compound of formula (I) and/or the salts thereof, wherein R<1> is the same as or different from H, halogen, CN, nitro, SF<sub>5</sub>, (C1-C8)alkyl, (C2-C8)alkenyl, (C2-C8)alkinyl, (C1-C8)alkoxy, [(C1-C8)alkyl]-carbonyl or (C1-C8)alkylsulfonyl, and any of the groups can be unsubstituted or substituted, S(O)<sub>p</sub>-R<7>, wherein p = 0, 1 or 2 and R<7> represents (C1-C8)alkyl, (C1-C8)haloalkyl or NR<8>-R<9>, wherein R<8>, R<9> are independently the same as or different from H, (C1-C8)alkyl, (C2-C8)alkenyl, (C7-C10)arylalkyl, (C7-C10)alkylaryl or (C6-C10)aryl, and any of the last-mentioned five groups is unsubstituted or substituted, or a group of the formula (II), wherein R<10> represents (C1-C8)alkyl which is unsubstituted or substituted, and W = O or S, A represents an optionally substituted aryl or an optionally substituted heterocyclic group, X represents O or S, R<2>, R<3>, R<4>, R<5> are the same as or different from H, halogen, CN, (C1-C8)alkoxy or (C1-C8)alkyl, and any of the two last-mentioned groups is unsubstituted or substituted, m is 0 or 1, R<6> represents H, (C1-C8)alkyl, (C1-C8)alkoxy, (C2-C8)alkenyl or (C2-C8)alkinyl, and any of the last-mentioned four groups is unsubstituted or substituted, represents hydroxy or an acyl group, and B is an acyl group, or B and R<6> together form a 4- or 5-membered chain, with the exception of N-hydroxy-N-[(6-phenoxy-2-pyridyl)methyl]-acetamide and the salts thereof. The inventive compounds are suitable for use as herbicidal agents or growth regulators.

[origin: WO03000679A2] The invention relates to a compound of formula (I) and/or the salts thereof, wherein A represents an optionally substituted aryl or an optionally substituted heterocyclic group, X represents O or S, R<1>, R<2>, R<3>, R<4>, R<5> have the same or different definition mentioned in the description, m is 0 or 1, R<6> represents H, (C1-C8)alkyl, (C1-C8)alkoxy, (C2-C8)alkenyl or (C2-C8)alkinyl, and any of the last-mentioned four groups is unsubstituted or substituted, represents hydroxy or an acyl group, and B is an acyl group, or B and R<6> together form a 4- or 5-membered chain, with the exception of N-hydroxy-N-[(6-phenoxy-2-pyridyl)methyl]-acetamide and the salts thereof. The inventive compounds are suitable for use as herbicidal agents or growth regulators.

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