

Title (en)
USE OF AROMATIC HYDROXY COMPOUNDS AS SAFENERS

Title (de)
VERWENDUNG VON HYDROXYAROMATEN ALS SAFENER

Title (fr)
UTILISATION DE COMPOS S AROMATIQUES HYDROXY COMME PHYTOPROTECTEURS

Publication
EP 1610611 A1 20060104 (DE)

Application
EP 04721478 A 20040318

Priority
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Abstract (en)
[origin: WO2004084631A1] Disclosed are compounds of formula (I) or the salts thereof, wherein R<1> represents carboxy or a derivative of the carboxyl group, preferably a radical of formula -CN, -C(=X)-Y-R, or -C(=X)-Het wherein X represents a divalent radical of formula O, S, or NR<a> or N-NR<a>-R, R<a> and R being defined as indicated in claim 1, while Y represents a group of formula O, S, NR<c>, or NR<c>-NR<d>-R<e>, R<c>, R<d>, and R<e> being defined as indicated in claim 1, R<2>, R<3>, R<4>, R<5>, and R<6>, Z, Z', Z'' are defined as indicated in claim 1, m represents an integer 0 or 1, n represents an integer 0 or 1, and o represents an integer 0 or 1, the sum m + n + o being an integer 1, 2, or 3. In case of the alternatives (b) defined above, at least one of the radicals R<3>, R<4>, and R<5> is selected among radicals of the group comprising hydrogen and acyl. The inventive compounds are suitable as safeners or resistance inducers for cultivated plants or useful plants, preferably as safeners against phytotoxic effects of agrochemicals, such as pesticides, on said plants.

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CPC (source: EP KR US)
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