

Title (en)
INSECTICIDAL COMPOSITIONS AND METHODS

Title (de)
INSEKTIZIDE ZUSAMMENSETZUNGEN UND DEREN VERWENDUNG

Title (fr)
COMPOSITIONS INSECTICIDES ET PROCEDES

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Abstract (en)
[origin: WO9823158A1] An insecticidal composition comprising a first insecticidally active ingredient, to which insect pests have developed a degree of resistance, an insecticidally inert carrier or diluent and, optionally, one or more surface active agents, characterised in that the composition further contains a sufficient amount of a compound of formula (I), wherein A represents a bidentate group of formula -CH₂CH₂- or CH=CH; Ar is phenyl, pyridinyl, pyridazinyl or pyrazinyl, all being optionally substituted with halogen, C1-4 alkyl, C1-4 alkoxy, C2-4 alkenyl, C2-4 alkynyl or cyano; R is hydrogen, C1-4 alkyl (optionally substituted with cyano, CO₂(C1-4 alkyl) or phenyl (itself optionally substituted with halogen, C1-4 alkyl, C1-4 alkoxy, C1-4 haloalkyl or C1-4 haloalkoxy)), C2-4 haloalkyl (the alpha -carbon being unsubstituted), C3-4 alkenyl or C3-4 alkynyl; provided that when R is alkenyl or alkynyl said group does not have an unsaturated carbon atom bonding directly to the ring nitrogen of formula (I); or an acid addition salt, quaternary ammonium salt or <u>N</u>-oxide derived therefrom; to boost the activity of the composition to overcome the resistance of the insect pests; and a method of using such a composition to combat insect pests.

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