

NEW PATENTS

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4557005

LEAF CUTTER BEE LARVAE EXTRACTING DEVICE

Willia Rossmo, Saskatoon, Saskatchewan,
Canada

A hive section of plastic or wood moves along an upper raceway with the board immediately following the inner board, being supported on the underside by a support which is shaped to follow the contour of the cross section of the board for maximum support. A transverse impact bar extends between a pair of spaced and parallel endless chain and sprocket assembly and is moved thereby to strike the upper side of the innermost board thus shearing it away from the hive section and moving it downwardly between a set of guides. The impact bar is shaped to engage substantially the entire upper surface of the board. The impact bar moves the board between a pair of comb assemblies on the lower ends of the guide bars which clears out the cocoons and leaves them to fall into a catch pan or stacked upright whereupon flippers moves them away and into the catch pan so that they are not struck by the next following board. The cleared board is moved downwardly and then forwardly onto a lower raceway so that when the entire hive section has been cleaned, it is in a reassembled stacked position on the lower raceway ready for reuse.

4566901

NOVEL OXIME ETHERS, THE PREPARATION THEREOF, COMPOSITIONS CONTAINING THEM AND THE USE THEREOF

Henry Martin, Urs Fricker, Allschwil, Switzerland assigned to Ciba-Geigy Corporation

The invention relates to novel oxime ethers of the formula I *See Patent for Chemical Structure* (I) wherein R1 is hydrogen, halogen, lower alkyl, lower haloalkyl, lower alkoxy, lower haloalkoxy, lower alkylthio, lower haloalkylthio, lower alkylsulfinyl, lower alkylsulfonyl, lower haloalkylsulfinyl, lower haloalkylsulfonyl or nitro, each of R2 and R3 is hydrogen, halogen, lower alkyl, lower alkoxy or lower haloalkoxy, and Q is an unsubstituted or substituted lower alkyl, lower alkenyl, lower alkynyl or cycloalkyl group, a lower alkanoyl radical, an aliphatic, cycloaliphatic, aromatic or heterocyclic acyl radical which may be substituted or unsubstituted, a carbonyl or thiocarbonyl radical, an aryl or aralkyl radical, an acylimidomethyl radical, a phthalimidomethyl radical or a heterocyclic radical. These compounds are able to act as antidotes or safeners for protecting cultivated plants from the phytotoxic action of aggressive herbicides. Preferred crops are sorghum, cereals, maize and rice, and herbicides are chiefly chloroacetanilides and thiocarbamates.

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