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(54) **CORN EVENT MIR162**

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(58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

A novel transgenic corn event designated MIR162 is disclosed. The invention relates to nucleic acids from event MIR162. The invention also relates to assays for detecting the presence of the MIR162 event based on DNA sequences of the recombinant constructs inserted into the corn genome that resulted in the MIR162 event and of genomic sequences flanking the insertion sites. The invention further relates to corn plants comprising the genotype of MIR162 and to methods for producing a corn plant by crossing a corn plant comprising the MIR162 genotype with itself or another corn variety. Seeds of corn plants comprising the MIR162 genotype are also objects of the present invention. The invention also relates to methods of controlling insects using MIR162 corn plants.

11 Claims, No Drawings