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(54) **CORN EVENT 5307**

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USPC **800/302**; 800/279; 435/419; 514/4.5

(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 5307, is disclosed. The invention relates to DNA sequences of the recombinant constructs inserted into the corn genome and of genomic sequences flanking the insertion site that resulted in the 5307 event. The invention further relates to assays for detecting the presence of the DNA sequences of event 5307, to corn plants and corn seeds comprising the genotype of and to methods for producing a corn plant by crossing a corn plant comprising the event 5307 genotype with itself or another corn variety.

6 Claims, 2 Drawing Sheets