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(54) Title: **MUTATED 5-ENOL PYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASE, GENE CODING FOR SAID PROTEIN AND TRANSFORMED PLANTS CONTAINING SAID GENE**

(54) Titre: **5-ENOL PYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASE MUTEE, GENE CODANT POUR CETTE PROTEINE ET PLANTES TRANSFORMEES CONTENANT CE GENE**

(57) **Abstract**

A mutated glyphosate resistance gene of 5-enol pyruvylshikimate-3-phosphate synthase (EPSPS) including at least one substitution of threonine 102 by isoleucine, and useful for producing glyphosate-resistant transformed plants, is disclosed.

(57) **Abrégé**

Gène de résistance au glyphosate. 1) Gène muté de résistance au glyphosate. 2) Gène EPSPS comprenant au moins une substitution de la Thréonine 102 par l'isoleucine. 3) Il est utilisable pour l'obtention de plantes transformées résistantes au glyphosate.