Title (en)

HERBICIDE TARGET GENE AND METHODS

Title (de)

HERBIZIDE GEZIELTE-GEN UND VERFAHREN

Title (fr)

GENE CIBLE D'HERBICIDE ET PROCEDES CORRESPONDANTS

Publication

EP 1141344 A2 20011010 (EN)

Application

EP 00901557 A 20000113

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- EP 0000246 W 20000113
- US 23276099 A 19990115
- US 23747999 A 19990126
- US 24428899 A 19990203
- US 25233699 A 19990218
- US 28137699 A 19990330

Abstract (en)

[origin: WO0042205A2] The invention relates to genes isolated from Arabidopsis that code for proteins essential for seedling growth. The invention also includes the methods of using these proteins to discover new herbicides, based on the essentiality of the genes for normal growth and development. The invention can also be used in a screening assay to identify inhibitors that are potential herbicides. The invention is also applied to the development of herbicide tolerant plants, plant tissues, plant seeds, and plant cells.

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