

Title (en)
PLANT TRANSFORMATION PROCESS

Title (de)
VERFAHREN ZUR PFLANZENTRANSFORMATION

Title (fr)
PROCEDE DE TRANSFORMATION DE VEGETAUX

Publication
EP 1141356 A2 20011010 (EN)

Application
EP 99968550 A 19991223

Priority
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• US 14537399 P 19990723

Abstract (en)
[origin: WO0037663A2] A method of Agrobacterium-mediated genetic transformation using seedlings has been found which is applicable to dicots and monocots capable of being transformed by Agrobacterium. The transformation method utilizes vacuum-infiltration to introduce the Agrobacterium T-DNA carrying a gene of interest into the seedlings. Upon maturity, seeds collected from the infiltrated seedlings are germinated, and progeny carrying the transgene are selected. This transformation method produces progeny exhibiting stable inheritance of the transgene without the need for regeneration methods such as somatic embryogenesis or organogenesis.

IPC 1-7
C12N 15/82; **A01H 5/00**; **A01H 5/10**

IPC 8 full level
A01H 5/00 (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/82** (2006.01)

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See references of WO 0037663A2

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