

Publication

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Application

EP 91914009 A 19910621

Priority

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- US 67884691 A 19910401

Abstract (en)

[origin: WO9200371A1] Somatic embryos and plantlets are produced from mature rose plant material by culturing in callus induction medium followed by exposure to regeneration medium. Rose plant cells are transformed by incubation with Agrobacterium cells carrying an exogenous DNA sequence. The callus cells may be obtained from various tissue sources, including stamen filaments, leaf explants, and the like, and whole rose plants may be regenerated from the transformed callus cells. The exogenous DNA will be stably incorporated into the chromosomes of the regenerated rose plant which will be able to express gene(s) encoded by the DNA sequence.

IPC 1-7

C12N 15/82

IPC 8 full level

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CPC (source: EP)

C12N 5/0025 (2013.01); **C12N 5/04** (2013.01); **C12N 15/8205** (2013.01); **C12N 2510/00** (2013.01)

Citation (search report)

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- [X] MATTHEWS, D., ET AL.: "Agrobacterium - mediated genetic transformation of Rosa spp.", ABSTRACTS VIITH INTERNATIONAL CONGRESS ON PLANT TISSUE AND CELL CULTURE. AMSTERDAM, JUNE 24-29, 1990., pages 69
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Designated contracting state (EPC)

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