

Title (en)
PRODUCTION OF APOMICTIC SEED

Title (de)
HERSTELLUNG VON APOMIKTISCHEN SAMEN

Title (fr)
PRODUCTION DE GRAINES APOMICTIQUES

Publication
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Application
EP 97923882 A 19970513

Priority
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Abstract (en)
[origin: WO9743427A1] The present invention provides, inter alia, a method of producing apomictic seeds comprising the steps of: (i) transforming plant material with a nucleotide sequence encoding a protein the presence of which in a cell, or membrane thereof, renders said cell embryogenic, (ii) regenerating the thus transformed material into plants, or carpel containing parts thereof, and (iii) expressing the sequence in the vicinity of the embryo sac. The protein may be a leucine repeat rich receptor kinase which preferably is modified to the extent that the ligand binding domain is deleted or functionally inactivated.

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IPC 8 full level
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