

Title (en)
METHODS FOR PRODUCING GENETICALLY MODIFIED PLANTS, PLANT MATERIALS AND PLANT PRODUCTS PRODUCED THEREBY

Title (de)
VERFAHREN ZUR HERSTELLUNG VON GENETISCH VERÄNDERTEN PFLANZEN, PFLANZENMATERIALIEN UND DADURCH HERGESTELLTE PFLANZENPRODUKTE

Title (fr)
PROCEDES PERMETTANT DE PRODUIRE DES PLANTES GENETIQUEMENT MODIFIEES, MATERIAUX DE PLANTES, ET PRODUITS DE PLANTES OBTENUS A PARTIR OU PAR MODIFICATION GENETIQUE

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Abstract (en)
[origin: WO0015813A1] Methods for producing genetically modified plants, particularly woody plants, and most particularly plants of the Eucapypus and Pinus species, involve transformation of target plant material with a desired genetic construct and regeneration of the transformed plant material using an adventitious shoot bud system. The methods provide a high transformation efficiency and substantially reduce the duration of the transformation and regeneration protocols. Stem segments of a target plant are transformed using Agrobacterium-mediated techniques, and adventitious shoot buds are regenerated from the Agrobacterium-infected stem segments. Preferred culture media, including selection media, and improved plant culture techniques are disclosed.

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