

Title (en)  
A PROCESS FOR THE SELECTION OF TRANSGENIC CELLS IN THE MERISTEMATIC REGION OF COTTON, COFFEE, COCOA, BANANA OR GRAPE

Title (de)  
EIN PROZESS FÜR DIE SELEKTION VON TRANSGENEN ZELLEN IM MERISTEM VON BAUMWOLLE, KAFFEE, KAKAO, BANANEN, ODER TRAUBEN

Title (fr)  
SELECTION DE CELLULES TRANSGENIQUES DANS LA REGION MERISTEMATIQUE DE PLANTS DE COTON, DE CAFE, DE CACAO, DE BANANE OU DE VIGNE

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Application  
**EP 99917693 A 19990319**

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Abstract (en)  
[origin: WO0056904A1] The present invention refers to a process for selecting transgenic meristematic cells in cotton, coffee, cocoa, banana or grape plants and the consequent production of transgenic plants. The process comprises the steps of introducing exogenous genes into cells of the apical meristem of embryonic axes or tissues or organs containing meristems of cotton, coffee, cocoa, banana or grape plants; induction of multiple shooting of the cells in the apical meristematic region modified in the preceding step by cultivating their embryonic axes or tissues containing meristems in a medium comprising a multiple shooting inducer; and selecting the transgenic meristematic cells of the apical region, transformed by further cultivation of said embryonic axes or tissues containing meristems in a medium containing a selecting agent or by applying a selective agent to the multiple shootings originated from the cells in the meristematic region.

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