

Title (en)

METHOD FOR PRODUCTION OF TRANSGENIC PLANTS WITH INCREASED TOCOPHEROL CONTENT

Title (de)

VERFAHREN ZUR HERSTELLUNG TRANSGENER PFLANZEN MIT ERHÖHTEM TOCOPHEROL-GEHALT

Title (fr)

METHODE DE PRODUCTION DE PLANTES TRANSGENIQUES AVEC UN TAUX AUGMENTE DE TOCOPHEROL

Publication

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Application

**EP 00951492 A 20000810**

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Abstract (en)

[origin: DE19937957A1] The invention relates to a new type of expression cassettes which, under genetic control, contain regulating nucleic acid sequences a) nucleic acid sequence coding for 4-hydroxyphenylpyruvate dioxygenase (HPPD) or for one of its functional equivalents; and/or b) at least one nucleic acid sequence (anti-HGD), which can inhibit the homogentisate-dioxygenase (HGD) activity. The invention also relates to vectors which are suitable for the production of plants having an increased tocopherol content, to transgenic plants produced therewith, and to a method for the production of transgenic plants having an increased tocopherol content.

IPC 1-7

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