

Title (en)

METHOD FOR PRODUCING TRANSGENIC PLANTS HAVING AN ELEVATED VITAMIN E CONTENT BY MODIFYING THE SERINE-ACETYLTRANSFERASE CONTENT

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TRANSGENEN PFLANZEN MIT ERHÖHT EM VITAMIN E-GEHALT DURCH VERÄNDERUNG DES SERIN-ACETYLTRANSFERASE-GEHALTS

Title (fr)

PROCEDE POUR PRODUIRE DES PLANTES TRANSGENIQUES A TENEUR ACCRUE EN VITAMINE E PAR MODIFICATION DE LA TENEUR EN SERINE-ACETYLTRANSFERASE

Publication

**EP 1576164 A2 20050921 (DE)**

Application

**EP 03780153 A 20031217**

Priority

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Abstract (en)

[origin: WO2004058934A2] The invention relates to a method for producing transgenic plants and/or plant cells having an elevated vitamin E content, said transgenic plants and/or plant cells having a serine-acetyltransferase (SAT) content and/or activity which is modified in relation to the wild type, and/or a modified thiol compound content. The invention also relates to the use of nucleic acids coding for a SAT, for producing transgenic plants or plant cells having an elevated vitamin E content. The invention further relates to a method for producing vitamin E by cultivating transgenic plants or plant cells having a modified SAT content in relation to the wild type.

IPC 1-7

**C12N 15/82**; **C12N 9/10**

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2004058934A2

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