

Title (en)

GENE REGULATORY REGION THAT PROMOTES ROOT-SPECIFIC TRANSCRIPTION AND ITS USES

Title (de)

GENREGULIERENDE REGION ZUR WURZEL-SPEZIFISCHEN TRANSCRIPTION UND IHRE VERWENDUNGEN

Title (fr)

REGION REGULATRICE DE GENE QUI FAVORISE LA TRANSCRIPTION SPECIFIQUE DE LA RACINE ET UTILISATION DE CETTE REGION

Publication

EP 1283893 A2 20030219 (EN)

Application

EP 01940917 A 20010524

Priority

- IB 0101137 W 20010524
- US 20678800 P 20000524

Abstract (en)

[origin: WO0190387A2] Nucleic acid sequence which directs root-specific transcription of contiguous genes in plants is provided. This sequence may be used in transgenic plants to promote expression of endogenous and foreign genes in roots to enhance plant resistance to diseases and pests, stress (salt) tolerance, and improve nutritive value of edible root plants. In addition, this sequence may be useful for the production of recombinant proteins in roots aimed at molecular farming and phytoremediation.

IPC 1-7

C12N 15/82; **C12N 15/67**

IPC 8 full level

C12N 9/10 (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 0190387A2

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