

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)

**C12N 9/1029** (2013.01); **C12N 15/8227** (2013.01)

Citation (search report)

See references of WO 0190387A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0190387 A2 20011129**; **WO 0190387 A3 20020627**; AU 7440501 A 20011203; BR 0111081 A 20030408; CA 2409881 A1 20011129; EP 1283893 A2 20030219

DOCDB simple family (application)

**IB 0101137 W 20010524**; AU 7440501 A 20010524; BR 0111081 A 20010524; CA 2409881 A 20010524; EP 01940917 A 20010524