

Title (en)

REGULATORY SEQUENCES FOR ROOT SPECIFIC OR ROOT ABUNDANT GENE EXPRESSION IN PLANTS

Title (de)

REGULATORISCHE SEQUENZEN FÜR WURZELSPEZIFISCHE ODER WURZELREICHLICHE GEN-EXPRESSION IN PFLANZEN

Title (fr)

SEQUENCES REGULATRICES DE L'EXPRESSION GENIQUE DANS DES PLANTES, SPECIFIQUE DES RACINES OU PRINCIPALEMENT ACTIVE DANS CELLES-CI

Publication

**EP 1115744 A1 20010718 (EN)**

Application

**EP 99969096 A 19990910**

Priority

- EP 99969096 A 19990910
- EP 9906692 W 19990910
- EP 98117251 A 19980911

Abstract (en)

[origin: WO0015662A1] The present invention relates to regulatory elements for tissue specific, in particular root specific, expression of genes of interest in plants. The invention also relates to methods to obtain transgenic plants which show root specific expression of genes of interest and to methods for isolating root specific genes and/or root specific regulatory elements.

IPC 1-7

**C07K 14/43**; **C12N 15/29**; **C12N 15/10**; **C12N 15/82**; **A01H 1/00**

IPC 8 full level

**A01H 1/00** (2006.01); **C07K 14/415** (2006.01); **C07K 14/43** (2006.01); **C12N 15/10** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

**C07K 14/415** (2013.01); **C12N 15/8227** (2013.01)

Citation (search report)

See references of WO 0015662A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0015662 A1 20000323**; AU 5976399 A 20000403; CA 2341780 A1 20000323; EP 1115744 A1 20010718

DOCDB simple family (application)

**EP 9906692 W 19990910**; AU 5976399 A 19990910; CA 2341780 A 19990910; EP 99969096 A 19990910