

Title (en)
ROOT-SPECIFIC PROMOTER

Title (de)
WURZELSPEZIFISCHER PROMOTOR

Title (fr)
PROMOTEUR SPECIFIQUE DES RACINES

Publication
EP 1047790 A1 20001102 (EN)

Application
EP 98957061 A 19981116

Priority
IB 9802000 W 19981116

Abstract (en)
[origin: WO0029594A1] A DNA which has the sequence shown in Figure 5 and which defines a gene promoter region has been isolated from maize roots. The promoter may be used for driving expression of foreign genes in the roots of plants. This is particularly useful for expressing an insecticidal toxin, such as a delta-endotoxin of *Bacillus thuringiensis*, to impart resistance to insect attack on the roots of plants by Coleopteran insects.

IPC 1-7
C12N 15/82; **A01H 5/00**

IPC 8 full level
A01H 5/00 (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)
C12N 15/8227 (2013.01); **C12N 15/8286** (2013.01); **Y02A 40/146** (2017.12)

Citation (search report)
See references of WO 0029594A1

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WO 0029594 A1 20000525; AU 1347999 A 20000605; CA 2317723 A1 20000525; EP 1047790 A1 20001102; JP 2002537760 A 20021112

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IB 9802000 W 19981116; AU 1347999 A 19981116; CA 2317723 A 19981116; EP 98957061 A 19981116; JP 2000582576 A 19981116