Title (en)

PLANT PROMOTER

Title (de)

PROMOTOR FÜR PFLANZEN

Title (fr)

PROMOTEUR DE PLANTES

Publication

EP 1290009 A4 20051207 (EN)

Application

EP 01933250 A 20010509

Priority

- US 0115023 W 20010509
- US 20302100 P 20000509
- US 23978200 P 20001012

Abstract (en)

[origin: WO0185754A1] Promoter sequences identified in the genomic clone of PHSacc49 provide technology by which expression of a sense or antisense genes may be driven in transgenic plants. Sense and introduced antisense genes expression can be regulated by the same endogenous promoter to the same extent. Moreover, as a promoter native to geranium, its activity will be influenced by endogenous and exogenous signals in the same fashion and regulation of ethylene levels in plants would represent a condition that is natural to the plant.

IPC 1-7

C07H 21/04

IPC 8 full level

C07K 14/415 (2006.01); **C12N 9/88** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C07K 14/415 (2013.01); **C12N 9/88** (2013.01); **C12N 15/8222** (2013.01); **C12N 15/8237** (2013.01); **C12N 15/8238** (2013.01)

Citation (search report)

- [X] SHIU OI YIN ET AL: "The promoter of LE-ACS7, an early flooding-induced 1-aminocyclopropane-1-carboxylate synthase gene of the tomato, is tagged by a Sol3 transposon", 18 August 1998, PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, VOL. 95, NR. 17, PAGE(S) 10334-10339, ISSN: 0027-8424, XP002349263
- See references of WO 0185754A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 0185754 A1 20011115; AU 5968801 A 20011120; CA 2409505 A1 20011115; EP 1290009 A1 20030312; EP 1290009 A4 20051207; MX PA02010976 A 20040906

DOCDB simple family (application)

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