

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)  
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 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)  
**US 0115023 W 20010509**; AU 5968801 A 20010509; CA 2409505 A 20010509; EP 01933250 A 20010509; MX PA02010976 A 20010509