

Title (en)

PETAL-SPECIFIC PROMOTER AND METHOD FOR OBTAINING PLANTS HAVING FLOWERS WITH NO PETALS

Title (de)

BLÜTENBLATT-SPEZIFISCHER PROMOTER UND VERFAHREN ZUR GEWINUNG VON PFLANZEN MIT BLUMEN OHNE BLÜTENBLÄTER

Title (fr)

PROMOTEUR SPECIFIQUE DES PETALES ET PROCEDE D'OBTENTION DE PLANTES A FLEURS SANS PETALE

Publication

EP 1017833 A1 20000712 (FR)

Application

EP 98945367 A 19980923

Priority

- FR 9802043 W 19980923
- FR 9711832 A 19970923

Abstract (en)

[origin: FR2768746A1] A petal-specific plant promoter comprising at least part of (I), a defined sequence of 4516 bp (given in the specification), is new. Also claimed are: (1) an expression vector comprising the: (a) promoter positioned upstream of a DNA sequence encoding a product capable of modifying the structure, shape, colour and/or texture of flower petals; and (b) an expression vector comprising the promoter positioned upstream of a DNA sequence encoding a cytotoxic product; (2) plant cells transformed with the vector of (1a) or (1b); and (3) plants comprising the cells of (2), and plants whose flowers have no petals.

IPC 1-7

C12N 15/82; **C12N 15/29**; **C12N 5/10**; **A01H 5/00**

IPC 8 full level

A01H 5/00 (2006.01); **C07K 14/415** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C07K 14/415 (2013.01); **C12N 15/8214** (2013.01); **C12N 15/8225** (2013.01); **C12N 15/8282** (2013.01)

Citation (search report)

See references of WO 9915679A1

Cited by

CN109362562A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

FR 2768746 A1 19990326; **FR 2768746 B1 20010608**; AU 740911 B2 20011115; AU 740911 C 20020725; AU 9270898 A 19990412; CA 2304569 A1 19990401; EP 1017833 A1 20000712; JP 2001517450 A 20011009; WO 9915679 A1 19990401

DOCDB simple family (application)

FR 9711832 A 19970923; AU 9270898 A 19980923; CA 2304569 A 19980923; EP 98945367 A 19980923; FR 9802043 W 19980923; JP 2000512968 A 19980923