

Title (en)

SENESCENCE-ASSOCIATED PLANT PROMOTORS

Title (de)

SENESZENZASSOZIIERTE PFLANZENPROMOTER

Title (fr)

PROMOTEURS DE PLANTES ASSOCIES A LA SENESCENCE

Publication

EP 1349445 A2 20031008 (EN)

Application

EP 01987337 A 20011210

Priority

- US 0147387 W 20011210
- US 25491900 P 20001211

Abstract (en)

[origin: WO0248313A2] The present invention is directed to MTI and GS promoters capable of promoting the senescence-associated expression of nucleic acid coding sequences operably linked thereto, together with heterologous nucleic acid constructs, vectors, kits, transformation methods, transgenic plant cells and transgenic plants comprising such promoters.

IPC 1-7

A01H 4/00; **A01H 5/00**; **C12N 5/04**; **C12N 15/31**; **C12N 15/82**

IPC 8 full level

C07K 14/825 (2006.01); **C12N 9/00** (2006.01); **C12N 15/31** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C07K 14/825 (2013.01); **C12N 9/93** (2013.01); **C12N 15/8205** (2013.01); **C12N 15/8222** (2013.01); **C12N 15/8238** (2013.01); **C12N 15/8249** (2013.01); **C12N 15/8271** (2013.01)

Citation (search report)

See references of WO 0248313A2

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 0248313 A2 20020620; **WO 0248313 A3 20030123**; AU 3956402 A 20020624; EP 1349445 A2 20031008

DOCDB simple family (application)

US 0147387 W 20011210; AU 3956402 A 20011210; EP 01987337 A 20011210