

Title (en)

SENSE INTRON INHIBITION OF STARCH BRANCHING ENZYME EXPRESSION

Title (de)

HEMMUNG DES STÄRKEVERZWEIGUNGSENZYMS DURCH EIN SENSE-INTRON

Title (fr)

INHIBITION DE L'EXPRESSION DE L'ENZYME RAMIFIANTE DE L'AMIDON PAR UN INTRON SENS

Publication

**EP 1007708 A1 20000614 (EN)**

Application

**EP 98904329 A 19980223**

Priority

- GB 9703672 A 19970221
- GB 9706075 A 19970324
- IB 9800295 W 19980223

Abstract (en)

[origin: WO9837214A1] A method of inhibiting gene expression is described. The method, which affects enzymatic activity in a plant, comprises expressing in a plant (or a cell, a tissue or an organ thereof) a nucleotide sequence wherein the nucleotide sequence codes, partially or completely, for a class A SBE intron in a sense orientation; and wherein the nucleotide sequence does not contain a sequence that is sense to an exon sequence normally associated with the intron.

IPC 1-7

**C12N 15/82; C12N 9/10; C12N 15/11; C08B 30/04**

IPC 8 full level

**C12N 15/09** (2006.01); **C08B 30/00** (2006.01); **C12N 5/10** (2006.01); **C12N 9/10** (2006.01); **C12N 15/63** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

**C12N 9/107** (2013.01); **C12N 15/63** (2013.01); **C12N 15/8218** (2013.01); **C12N 15/8245** (2013.01)

Citation (search report)

See references of WO 9837214A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9837214 A1 19980827**; AU 6225998 A 19980909; AU 738311 B2 20010913; BR 9808648 A 20000523; CA 2280210 A1 19980827;  
CN 1248293 A 20000322; EP 1007708 A1 20000614; JP 2001512972 A 20010828; NZ 336607 A 20010629

DOCDB simple family (application)

**IB 9800295 W 19980223**; AU 6225998 A 19980223; BR 9808648 A 19980223; CA 2280210 A 19980223; CN 98802707 A 19980223;  
EP 98904329 A 19980223; JP 53643898 A 19980223; NZ 33660798 A 19980223