

Title (en)

CONTROLLED GERMINATION USING INDUCIBLE PHYTATE GENE

Title (de)

KONTROLIERTE KEIMUNG MITTELS EINES INDUZIERBAREN PHYTATGENS

Title (fr)

GERMINATION REGULEE PAR UN GENE DE PHYTATE INDUCTIBLE

Publication

EP 1011311 A1 20000628 (EN)

Application

EP 98942039 A 19980811

Priority

- US 9816702 W 19980811
- US 5532397 P 19970811

Abstract (en)

[origin: WO9907211A1] The present invention provides a plant containing a phytic acid gene that is expressed in the seed of the plant only when desired. The present invention has two traits that can be induced or switched. The traits are (i) nongerminable seed and, (ii) low or no production of phytic acid.

IPC 1-7

C12N 15/82; C12N 9/90; A01H 5/00

IPC 8 full level

A01H 5/00 (2006.01); **A23B 4/12** (2006.01); **C12N 9/00** (2006.01); **C12N 9/90** (2006.01); **C12N 15/09** (2006.01); **C12N 15/56** (2006.01);
C12N 15/82 (2006.01)

CPC (source: EP)

C12N 9/00 (2013.01); **C12N 9/90** (2013.01); **C12N 15/8242** (2013.01); **C12N 15/8243** (2013.01); **C12N 15/8267** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9907211 A1 19990218; WO 9907211 A9 19990429; AU 747135 B2 20020509; AU 9017698 A 19990301; CA 2301718 A1 19990218;
CN 1275049 A 20001129; EP 1011311 A1 20000628; EP 1011311 A4 20040526; JP 2001513326 A 20010904

DOCDB simple family (application)

US 9816702 W 19980811; AU 9017698 A 19980811; CA 2301718 A 19980811; CN 98810084 A 19980811; EP 98942039 A 19980811;
JP 2000506821 A 19980811