

Title (en)

NUCLEIC ACID MOLECULES WHICH CODE THE POTATO DEBRANCHING ENZYME

Title (de)

NUCLEINSÄUREMOLEKÜLE, DIE DEBRANCHING-ENZYME AUS KARTOFFEL CODIEREN

Title (fr)

MOLECULES D'ACIDE NUCLEIQUE CODANT L'ENZYME DE DERAMIFICATION DE POMME DE TERRE

Publication

**EP 0900277 A1 19990310 (DE)**

Application

**EP 97922969 A 19970506**

Priority

- DE 19618125 A 19960506
- EP 9702292 W 19970506

Abstract (en)

[origin: DE19618125A1] The description relates to nucleic acid molecules which code the potato debranching enzyme and transgenic plant cells and plants in which the synthesis of an amylopectin with modified properties occurs owing to the expression of a debranching enzyme from potatoes or the inhibition of such an endogenous debranching enzyme activity.

IPC 1-7

**C12N 15/56**; **C12N 15/82**; **C12N 9/44**; **A01H 5/00**

IPC 8 full level

**A01H 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 9/44** (2006.01); **C12N 15/29** (2006.01); **C12N 15/09** (2006.01); **C12N 15/56** (2006.01); **C12N 15/82** (2006.01); **C12Q 1/68** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP US)

**C12N 9/2451** (2013.01 - EP US); **C12N 9/2457** (2013.01 - EP US); **C12N 15/8245** (2013.01 - EP US); **C12Y 302/01041** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**US 2003167527 A1 20030904**; **US 6670525 B2 20031230**; AU 2891797 A 19971126; AU 724164 B2 20000914; CA 2253234 A1 19971113; DE 19618125 A1 19971113; EP 0900277 A1 19990310; HU P9902317 A2 19991028; HU P9902317 A3 20020128; JP 2000509286 A 20000725; US 6255563 B1 20010703; WO 9742328 A1 19971113

DOCDB simple family (application)

**US 85093601 A 20010508**; AU 2891797 A 19970506; CA 2253234 A 19970506; DE 19618125 A 19960506; EP 9702292 W 19970506; EP 97922969 A 19970506; HU P9902317 A 19970506; JP 53953497 A 19970506; US 18712498 A 19981105