

Title (en)

POLYPHENOL OXIDASE GENES FROM BANANA, TOBACCO AND PINEAPPLE

Title (de)

POLYPHENOLOXIDASE GENE VON BANANE, TABAK UND ANANAS

Title (fr)

GENES CODANT LA POLYPHENOLOXYDASE, EXTRAITS DE LA BANANE, DU TABAC ET DE L'ANANAS

Publication

**EP 1012297 A1 20000628 (EN)**

Application

**EP 98920406 A 19980519**

Priority

- AU 9800362 W 19980519
- AU PO684997 A 19970519

Abstract (en)

[origin: WO9853080A1] The present invention provides methods for preparing nucleic acids encoding polyphenol oxidase (PPO), fragments and derivatives thereof. The present invention also provides nucleic acids encoding banana, tobacco or pineapple PPO, or antisense to banana, tobacco or pineapple PPO, fragments and derivatives thereof. Vectors including such nucleic acids, methods of using such nucleic acids and transgenic plants are also provided.

IPC 1-7

**C12N 15/53; A01H 1/00; A01H 5/00**

IPC 8 full level

**A01H 5/00** (2006.01); **C12N 9/02** (2006.01); **C12N 15/09** (2006.01); **C12N 15/53** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

**C12N 9/0059** (2013.01); **C12N 15/8243** (2013.01); **C12N 15/825** (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 9853080 A1 19981126**; AU PO684997 A0 19970612; CA 2290887 A1 19981126; CN 1260836 A 20000719; EP 1012297 A1 20000628; EP 1012297 A4 20050323; JP 2001525677 A 20011211; NZ 501144 A 20001124

DOCDB simple family (application)

**AU 9800362 W 19980519**; AU PO684997 A 19970519; CA 2290887 A 19980519; CN 98806338 A 19980519; EP 98920406 A 19980519; JP 54970398 A 19980519; NZ 50114498 A 19980519