

Title (en)
CONSTRUCTION OF PRODUCTION STRAINS FOR PRODUCING SUBSTITUTED PHENOLS BY SPECIFICALLY INACTIVATING GENES OF THE EUGENOL AND FERULIC ACID CATABOLISM

Title (de)
KONSTRUKTION VON PRODUKTIONSSTÄMMEN FÜR DIE HERSTELLUNG VON SUBSTITUIERTEN PHENOLEN DURCH GEZIELTE INAKTIVIERUNGEN VON GENEN DES EUGENOL- UND FERULASÄURE-KATABOLISMUS

Title (fr)
CONSTRUCTION DE SOUCHES DE PRODUCTION POUR LA FABRICATION DE PHENOLS SUBSTITUES PAR INACTIVATION CIBLEE DE GENES DU CATABOLISME DE L'EUGENOL ET DE L'ACIDE FERULIQUE

Publication
EP 1124947 A2 20010822 (DE)

Application
EP 99953892 A 19991020

Priority
• DE 19850242 A 19981031
• EP 9907952 W 19991020

Abstract (en)
[origin: WO0026355A2] The invention relates to a transformed and/or mutagenated unicellular or multicellular organism which is characterized in that enzymes of the eugenol and/or ferulic acid catabolism are deactivated in such a manner that the intermediates coniferyl alcohol, coniferyl aldehyde, ferulic acid, vanillin and/or vanillic acid are accumulated.

IPC 1-7
C12N 15/00; **C12N 1/00**; **C12N 9/02**; **C12N 9/00**; **C12N 9/88**; **C12N 9/10**; **C12P 7/22**; **C12P 7/24**; **C12P 7/42**

IPC 8 full level
C12N 1/15 (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 9/00** (2006.01); **C12N 9/02** (2006.01); **C12N 9/10** (2006.01); **C12N 9/88** (2006.01); **C12P 7/22** (2006.01); **C12N 15/09** (2006.01); **C12P 7/24** (2006.01); **C12P 7/42** (2006.01); **C12R 1/38** (2006.01)

CPC (source: EP KR)
C12N 1/20 (2013.01 - KR); **C12N 9/00** (2013.01 - EP); **C12N 9/0004** (2013.01 - EP); **C12N 9/0083** (2013.01 - EP); **C12N 9/1029** (2013.01 - EP); **C12N 9/88** (2013.01 - EP); **C12Y 203/01016** (2013.01 - EP)

Cited by
EP2721148B1

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 0026355 A2 20000511; **WO 0026355 A3 20001109**; AU 1041300 A 20000522; AU 761093 B2 20030529; BR 9914930 A 20010710; CA 2348962 A1 20000511; CN 1325444 A 20011205; DE 19850242 A1 20000504; EP 1124947 A2 20010822; HK 1041902 A1 20020726; HU P0104772 A2 20020328; HU P0104772 A3 20031028; IL 142272 A0 20020310; JP 2003533166 A 20031111; KR 20020022045 A 20020323; PL 348647 A1 20020603; SK 5742001 A3 20011203

DOCDB simple family (application)
EP 9907952 W 19991020; AU 1041300 A 19991020; BR 9914930 A 19991020; CA 2348962 A 19991020; CN 99812907 A 19991020; DE 19850242 A 19981031; EP 99953892 A 19991020; HK 02103793 A 20020521; HU P0104772 A 19991020; IL 14227299 A 19991020; JP 2000579727 A 19991020; KR 20017005493 A 20010430; PL 34864799 A 19991020; SK 5742001 A 19991020