

Title (en)
POLYPEPTIDES HAVING TYROSINASE ACTIVITY AND USES THEREOF

Title (de)
POLYPEPTIDE MIT TYROSINKINASEAKTIVITÄT UND IHRE VERWENDUNG

Title (fr)
POLYPEPTIDES AYANT UNE ACTIVITÉ DE TYROSINASE ET LEURS UTILISATIONS

Publication
EP 2449097 A1 20120509 (EN)

Application
EP 10730343 A 20100701

Priority
• CH 2010000170 W 20100701
• CH 10232009 A 20090701

Abstract (en)
[origin: WO2011000121A1] A mutant form of Verrucomicrobium spinosum tyrosinase as well as fragments thereof comprising the mature domain and having increased activity when compared to the pro-tyrosinase are disclosed. Further, methods for using the polypeptides are disclosed.

IPC 8 full level
C12N 9/02 (2006.01)

CPC (source: EP)
C12N 9/0059 (2013.01)

Citation (search report)
See references of WO 2011000121A1

Citation (examination)
• MX PA04004786 A 20051124 - UNIV MEXICO NACIONAL AUTONOMA [MX]
• DATABASE EMBL [online] 1 October 1993 (1993-10-01), "Rhizobium meliloti, mep A, tyrosinase", Database accession no. P33180
• DATABASE EMBL [online] 21 August 2007 (2007-08-21), "Sinorhizobium medicae, Monophenol monooxygenase, EC=1.14.18.1", Database accession no. A6UMX4
• DATABASE EMBL [online] 14 November 1994 (1994-11-14), "R.meliloti plasmid DNA for tyrosinase; mepA gene; tyrosinase", Database accession no. X69526

Cited by
EP4390155A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011000121 A1 20110106; EP 2449097 A1 20120509

DOCDB simple family (application)
CH 2010000170 W 20100701; EP 10730343 A 20100701