

Title (en)
POLYOL OXIDASES

Title (de)
POLYOL-OXIDASEN

Title (fr)
POLYOL OXYDASES

Publication
EP 2076591 A2 20090708 (EN)

Application
EP 07861465 A 20071019

Priority
• US 2007022372 W 20071019
• US 85322706 P 20061020
• US 85325806 P 20061020

Abstract (en)
[origin: WO2008051491A2] The present invention provides compositions and methods for producing a polyol oxidase in micoroorganisms, and the use of polyol oxidases in cleaning compositions. The invention includes cleaning compositions that contain combinations of two or more POx oxidases, and cleaning compositions that contain combinations of two or more POx oxidases and a perhydrolase. In particular, the invention provides methods for expressing polyol oxidases in bacterial hosts for use in detergent applications for cleaning, bleaching and disinfecting.

IPC 8 full level
C12N 9/04 (2006.01); **C11D 3/386** (2006.01); **C12N 15/53** (2006.01); **C12N 15/62** (2006.01)

CPC (source: EP)
C11D 3/38636 (2013.01); **C11D 3/38654** (2013.01); **C12N 9/0004** (2013.01); **C12N 9/0006** (2013.01); **C12N 9/0069** (2013.01); **C07K 2319/00** (2013.01); **C07K 2319/02** (2013.01)

Citation (search report)
See references of WO 2008051491A2

Citation (examination)
WINTER REMKO T ET AL: "Hot or not? Discovery and characterization of a thermostable alditol oxidase from Acidothermus cellulolyticus 11B.", APPLIED MICROBIOLOGY AND BIOTECHNOLOGY JUL 2012 LNKD- PUBMED:22231860, vol. 95, no. 2, July 2012 (2012-07-01), pages 389 - 403, ISSN: 1432-0614

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008051491 A2 20080502; WO 2008051491 A3 20081106; EP 2076591 A2 20090708; EP 2426199 A2 20120307; EP 2426199 A3 20120822

DOCDB simple family (application)
US 2007022372 W 20071019; EP 07861465 A 20071019; EP 11180044 A 20071019