

Title (en)

Process for producing primary alcohols by reducing aldehydes employing an alcohol dehydrogenase

Title (de)

Verfahren zur Herstellung von primären Alkoholen durch Reduktion von Aldehyden unter Verwendung einer Alkoholdehydrogenase

Title (fr)

Procédé de préparation d'alcools primaires par réduction d'aldéhydes en utilisant une alcool déshydrogénase

Publication

**EP 1784495 A2 20070516 (DE)**

Application

**EP 05772507 A 20050804**

Priority

- EP 2005008471 W 20050804
- DE 102004038054 A 20040805

Abstract (en)

[origin: WO2006015802A2] The invention relates to a method for producing primary alcohols made of aldehydes with the aid of whole cell catalysts or isolated enzymes. An alcohol dehydrogenase and an enzyme capable of regenerating the cofactor can be used wherein, preferably, aldehyd can be present for covering a substrate concentration of >150 mM.

IPC 8 full level

**C12P 7/04** (2006.01); **A23L 27/00** (2016.01); **C12P 7/22** (2006.01)

CPC (source: EP US)

**C12P 7/04** (2013.01 - EP US); **C12P 7/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2006015802A2

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006015802 A2 20060216**; **WO 2006015802 A3 20060831**; CN 101027403 A 20070829; CN 101027403 B 20120201; DE 102004038054 A1 20060316; EP 1784495 A2 20070516; JP 2008507989 A 20080321; US 2008145904 A1 20080619

DOCDB simple family (application)

**EP 2005008471 W 20050804**; CN 200580032176 A 20050804; DE 102004038054 A 20040805; EP 05772507 A 20050804; JP 2007524287 A 20050804; US 65929105 A 20050804