

Title (en)
BIOTRANSFORMATION USING GENETICALLY MODIFIED CANDIDA

Title (de)
BIOTRANSFORMATION MITHILFE GENETISCH MODIFIZIERTER CANDIDA

Title (fr)
BIOTRANSFORMATION À L AIDE DE CANDIDA GÉNÉTIQUEMENT MODIFIÉ

Publication
EP 2427559 A4 20130918 (EN)

Application
EP 10800135 A 20100506

Priority
• US 2010001361 W 20100506
• US 17606409 P 20090506
• US 43672909 A 20090506

Abstract (en)
[origin: WO2011008231A2] A substantially pure Candida host cell is provided for the biotransformation of a substrate to a product wherein the host cell is characterized by a first genetic modification class that comprises one or more genetic modifications that collectively or individually disrupt at least one alcohol dehydrogenase gene in the substantially pure Candida host cell.

IPC 8 full level
C12P 1/02 (2006.01); **C12N 1/00** (2006.01); **C12P 7/62** (2022.01); **C12P 7/6436** (2022.01); **C12P 7/649** (2022.01)

CPC (source: EP US)
C12N 9/0006 (2013.01 - EP); **C12N 15/815** (2013.01 - EP); **C12P 7/62** (2013.01 - EP US); **C12P 7/6409** (2013.01 - EP);
C12P 7/6431 (2022.01 - EP US); **C12P 7/6436** (2013.01 - EP US); **C12P 7/649** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP)

Citation (search report)
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• [A] ESCHENFELDT WILLIAM H ET AL: "Transformation of fatty acids catalyzed by cytochrome P450 monooxygenase enzymes of Candida tropicalis", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, vol. 69, no. 10, 1 October 2003 (2003-10-01), pages 5992 - 5999, XP002438651, ISSN: 0099-2240, DOI: 10.1128/AEM.69.10.5992-5999.2003
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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

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US 2010001361 W 20100506; EP 10800135 A 20100506