

Title (en)

METHOD FOR PRODUCING 2,3-BUTANEDIOL BY FERMENTATION

Title (de)

VERFAHREN ZUR FERMENTATIVEN HERSTELLUNG VON 2,3-BUTANDIOL

Title (fr)

PROCÉDÉ DE PRÉPARATION DE 2,3-BUTANEDIOL PAR FERMENTATION

Publication

EP 2670838 A1 20131211 (DE)

Application

EP 12701748 A 20120130

Priority

- DE 102011003383 A 20110131
- EP 2012051407 W 20120130

Abstract (en)

[origin: WO2012104234A1] The invention relates to a microorganism strain which has an acetolactate decarboxylase activity 2 - 12,8 times higher than the non-improved original strain. The invention also relates to a method for producing 2,3-butanediol (2,3-BDL) by fermentaion by means of said strain.

IPC 8 full level

C12N 1/21 (2006.01); **C12N 9/88** (2006.01); **C12P 7/18** (2006.01)

CPC (source: EP US)

C12N 9/88 (2013.01 - EP US); **C12P 7/18** (2013.01 - EP US)

Citation (search report)

See references of WO 2012104234A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011003383 A1 20120802; BR 112013019525 A2 20170328; EP 2670838 A1 20131211; US 2013316419 A1 20131128;
WO 2012104234 A1 20120809

DOCDB simple family (application)

DE 102011003383 A 20110131; BR 112013019525 A 20120130; EP 12701748 A 20120130; EP 2012051407 W 20120130;
US 201213980244 A 20120130