

Title (en)
ENGINEERED LIGHT-EMITTING REPORTER GENES AND MEDTHODS OF USE

Title (de)
GENTECHNISCH HERGESTELLTE LICHEMITTIERENDE REPORTERGENE UND VERWENDUNGSVERFAHREN

Title (fr)
GÈNES RAPPORTEURS LUMINESCENTS MODIFIÉS ET PROCÉDÉS D'UTILISATION CORRESPONDANTS

Publication
EP 2331691 A4 20120418 (EN)

Application
EP 09811872 A 20090311

Priority

- US 2009036868 W 20090311
- US 2008075515 W 20080906
- US 20584508 A 20080905

IPC 8 full level
C12N 15/31 (2006.01); **C12N 1/21** (2006.01); **C12N 15/63** (2006.01); **C12R 1/145** (2006.01)

CPC (source: EP US)
C12N 1/20 (2013.01 - EP); **C12N 9/0069** (2013.01 - EP); **C12N 15/01** (2013.01 - EP); **C12N 15/1058** (2013.01 - EP); **C12N 15/74** (2013.01 - US); **C12P 7/16** (2013.01 - EP); **Y02E 50/10** (2013.01 - EP)

Citation (search report)

- [E] WO 2009033114 A2 20090312 - COBALT TECHNOLOGIES INC [US], et al
- [I] WO 2008082726 A2 20080710 - COBALT TECHNOLOGIES INC [US], et al
- [Y] US 6737245 B1 20040518 - FRANCIS KEVIN P [US], et al
- [Y] ROGERS ET AL: "Clostridium acetobutylicum Mutants That Produce Butyraldehyde and Altered Quantities of Solvents.", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol. 53, no. 12, 1 December 1987 (1987-12-01), pages 2761 - 2766, XP055021139, ISSN: 0099-2240
- [A] FEUSTEL LOTHAR ET AL: "Characterization and development of two reporter gene systems for Clostridium acetobutylicum", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, US, vol. 70, no. 2, 1 February 2004 (2004-02-01), pages 798 - 803, XP002601727, ISSN: 0099-2240, DOI: 10.1128/AEM.70.2.798-803.2004
- See references of WO 2010027531A1

Designated contracting state (EPC)
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 TR

DOCDB simple family (publication)
EP 2331691 A1 20110615; EP 2331691 A4 20120418

DOCDB simple family (application)
EP 09811872 A 20090311