

Title (en)
STABILIZED LIQUID ENZYME-CONTAINING SURFACTANT PREPARATION

Title (de)
STABILISIERTE FLÜSSIGE ENZYMHALTIGE TENSIDZUBEREITUNG

Title (fr)
PRÉPARATION TENSIOACTIVE LIQUIDE STABILISÉE CONTENANT UNE ENZYME

Publication
EP 2598625 A2 20130605 (DE)

Application
EP 11736317 A 20110712

Priority
• DE 102010038496 A 20100727
• EP 2011061796 W 20110712

Abstract (en)
[origin: WO2012019844A2] The invention relates to the stabilization of a hydrolytic enzyme in a liquid surfactant preparation. Said aim is achieved by using a component which comprises a monosaccharide glycerate and which stabilizes the hydrolytic enzyme.

IPC 8 full level
C11D 3/386 (2006.01); **C11D 3/22** (2006.01)

CPC (source: EP US)
C11D 3/221 (2013.01 - EP US); **C11D 3/38663** (2013.01 - EP US)

Citation (search report)
See references of WO 2012019844A2

Citation (examination)
• WO 2004094631 A1 20041104 - INST DE BIOLOG EXPERIMENTALE E [PT], et al
• WO 0158446 A1 20010816 - BITOP GMBH [DE], et al
• THORNTHAN SAWANGWAN ET AL: "Glucosylglycerol and glucosylglycerate as enzyme stabilizers", BIOTECHNOLOGY JOURNAL, vol. 5, no. 2, 27 February 2010 (2010-02-27), DE, pages 187 - 191, XP055394050, ISSN: 1860-6768, DOI: 10.1002/biot.200900197

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 102010038496 A1 20120202; EP 2598625 A2 20130605; US 2013143787 A1 20130606; US 8592359 B2 20131126; WO 2012019844 A2 20120216; WO 2012019844 A3 20120510

DOCDB simple family (application)
DE 102010038496 A 20100727; EP 11736317 A 20110712; EP 2011061796 W 20110712; US 201313749920 A 20130125