

Title (en)

QUALITY TEST FOR POLYMERIZABLE LACTIC ACID AND METHOD FOR PRODUCING SAME

Title (de)

QUALITÄTSTEST FÜR POLYMERISATIONSFÄHIGE MILCHSÄURE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

ESSAI DE QUALITÉ POUR TESTER DE L'ACIDE LACTIQUE POLYMÉRISABLE ET SON PROCÉDÉ DE PRODUCTION

Publication

**EP 2773683 A2 20140910 (DE)**

Application

**EP 12786813 A 20121022**

Priority

- DE 102011117625 A 20111104
- DE 102012002498 A 20120210
- EP 2012004407 W 20121022

Abstract (en)

[origin: WO2013064219A2] The invention relates to a test for determining the quality of lactic acid, comprising a) means for the polycondensation of the lactic acid to form a pre-polymer b) means for depolymerization to form dilactide, and c) means for carrying out analytical methods for determining the dilactide yield and/or the racemization, wherein lactic acid which fulfills the test and is suitable for polymerization exhibits a dilactide yield of > 90 % and a racemization of < 5 %.

IPC 8 full level

**C08G 63/78** (2006.01); **C08L 67/04** (2006.01); **C12P 7/56** (2006.01); **G01N 33/487** (2006.01)

CPC (source: EP RU US)

**C07D 319/12** (2013.01 - RU); **C08G 63/08** (2013.01 - EP RU US); **C08G 63/78** (2013.01 - RU); **C08G 63/89** (2013.01 - EP US); **C08G 63/90** (2013.01 - EP US); **C12N 1/02** (2013.01 - EP US); **C12P 7/56** (2013.01 - EP RU US); **G01N 33/04** (2013.01 - EP US); **G01N 33/442** (2013.01 - EP US); **Y10T 436/201666** (2015.01 - EP US)

Citation (search report)

See references of WO 2013064219A2

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)

**WO 2013064219 A2 20130510; WO 2013064219 A3 20130718**; BR 112014010481 A2 20190827; BR 112014010481 B1 20201103; CN 104080833 A 20141001; CN 104080833 B 20160511; EP 2773683 A2 20140910; EP 2853552 A1 20150401; EP 2853552 B1 20171206; ES 2661638 T3 20180402; KR 101919647 B1 20181116; KR 20140108636 A 20140912; MX 2014005254 A 20151029; MX 355529 B 20180419; PL 2853552 T3 20180629; RU 2014118762 A 20151210; RU 2631503 C2 20170925; US 2014323682 A1 20141030; US 9416222 B2 20160816

DOCDB simple family (application)

**EP 2012004407 W 20121022**; BR 112014010481 A 20121022; CN 201280065824 A 20121022; EP 12786813 A 20121022; EP 14003051 A 20121022; ES 14003051 T 20121022; KR 20147015019 A 20121022; MX 2014005254 A 20121022; PL 14003051 T 20121022; RU 2014118762 A 20121022; US 201214356038 A 20121022