

Title (en)

DETERGENT COMPOSITIONS COMPRISING SURFACTANT AND ENZYME

Title (de)

WASCHMITTELZUSAMMENSETZUNGEN MIT TENSIDEN UND ENZYMEN

Title (fr)

COMPOSITIONS DÉTERGENTES COMPRENANT UN TENSIOACTIF ET UNE ENZYME

Publication

**EP 2756063 A1 20140723 (EN)**

Application

**EP 12756157 A 20120830**

Priority

- EP 11181392 A 20110915
- EP 2012066860 W 20120830
- EP 12756157 A 20120830

Abstract (en)

[origin: WO2013037643A1] The invention provides an enzymatic detergent composition comprising the combination of a surfactant system; one or more enzymes and one or more lignin compounds. The invention also provides a process for treating a substrate, comprising the steps of treating the substrate with an enzymatic detergent composition comprising the combination of a surfactant system; one or more enzymes and one or more lignin compounds.

IPC 8 full level

**C11D 3/37** (2006.01); **C11D 3/382** (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP)

**C11D 1/30** (2013.01); **C11D 3/3707** (2013.01); **C11D 3/382** (2013.01); **C11D 3/386** (2013.01)

Citation (search report)

See references of WO 2013037643A1

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 2013037643 A1 20130321**; AR 087847 A1 20140423; BR 112014005687 A2 20170404; CL 2014000636 A1 20140822; CN 103946359 A 20140723; EP 2756063 A1 20140723; EP 2756063 B1 20171004; ZA 201401260 B 20160525

DOCDB simple family (application)

**EP 2012066860 W 20120830**; AR P120103355 A 20120913; BR 112014005687 A 20120830; CL 2014000636 A 20140314; CN 201280045017 A 20120830; EP 12756157 A 20120830; ZA 201401260 A 20140219