

Title (en)
STABILIZED LIQUID TENSIDE PREPARATION COMPRISING ENZYMES

Title (de)
STABILISIERTE FLÜSSIGE ENZYMHALTIGE TENSIDZUBEREITUNG

Title (fr)
PRÉPARATION TENSIOACTIVE LIQUIDE STABILISÉE CONTENANT UNE ENZYME

Publication
EP 2598621 A2 20130605 (DE)

Application
EP 11737921 A 20110712

Priority
• DE 102010038502 A 20100727
• EP 2011061805 W 20110712

Abstract (en)
[origin: WO2012019849A2] The invention relates to a liquid tenside preparation in which a hydrolytic enzyme is to be stabilized. According to the invention, a component comprising a phenyl alkyl dicarboxylic acid is used for stabilizing the hydrolytic enzyme.

IPC 8 full level
C11D 3/20 (2006.01)

CPC (source: EP US)
A01N 25/30 (2013.01 - EP US); **C11D 3/2082** (2013.01 - EP US); **C11D 3/38663** (2013.01 - EP US); **C11D 3/48** (2013.01 - EP US)

Citation (search report)
See references of WO 2012019849A2

Citation (examination)
• WO 2007052780 A1 20070510 - NIPPON CATALYTIC CHEM IND [JP], et al
• WO 2013037609 A2 20130321 - HENKEL AG & CO KGAA [DE], et al

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 102010038502 A1 20120202; EP 2598621 A2 20130605; US 2013142772 A1 20130606; US 8883141 B2 20141111;
WO 2012019849 A2 20120216; WO 2012019849 A3 20120607

DOCDB simple family (application)
DE 102010038502 A 20100727; EP 11737921 A 20110712; EP 2011061805 W 20110712; US 201313749971 A 20130125