

Title (en)

EXTERNALLY STRUCTURED AQUEOUS DETERGENT LIQUID

Title (de)

EXTERN STRUKTURIERTE WÄSSRIGE REINIGUNGSFLÜSSIGKEIT

Title (fr)

DÉTERGENT LIQUIDE AQUEUX STRUCTURÉ DE FAÇON EXTERNE

Publication

EP 2630224 A1 20130828 (EN)

Application

EP 11767995 A 20111007

Priority

- EP 10188472 A 20101022
- EP 2011067549 W 20111007
- EP 11767995 A 20111007

Abstract (en)

[origin: WO2012052306A1] A structured aqueous liquid detergent composition comprising: at least 10 wt% water, at least 0.5 wt% surfactant, at least 0.0001 wt% of enzyme selected from lipase, cellulase and mixtures thereof. an external structurant, characterised in that the external structurant comprises at least 0.15 wt%, preferably at least 0.2%, citrus fibre that has been mechanically pulped and swollen in water.

IPC 8 full level

C11D 3/386 (2006.01); **C11D 3/37** (2006.01); **C11D 3/382** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 3/3715 (2013.01); **C11D 3/3723** (2013.01); **C11D 3/382** (2013.01); **C11D 3/38627** (2013.01); **C11D 3/38645** (2013.01); **C11D 17/0026** (2013.01)

Citation (search report)

See references of WO 2012052306A1

Cited by

US10287366B2; US11008407B2; US11987650B2

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 2012052306 A1 20120426; BR 112013009456 A2 20210309; BR 112013009456 B1 20211130; CL 2013001087 A1 20140221; CN 103180423 A 20130626; CN 103180423 B 20150812; EP 2630224 A1 20130828; EP 2630224 B1 20160629; ES 2593728 T3 20161212; IN 618MUN2013 A 20150612; ZA 201302069 B 20140528

DOCDB simple family (application)

EP 2011067549 W 20111007; BR 112013009456 A 20111007; CL 2013001087 A 20130419; CN 201180050793 A 20111007; EP 11767995 A 20111007; ES 11767995 T 20111007; IN 618MUN2013 A 20130403; ZA 201302069 A 20130319