

Title (en)

WASHING OR CLEANING PRODUCT WITH REDUCED SURFACTANT CONTENT

Title (de)

WASCH- ODER REINIGUNGSMITTEL MIT REDUZIERTEM TENSIDGEGHALT

Title (fr)

LESSIVE OU AGENT NETTOYANT PRÉSENTANT UNE TENEUR RÉDUITE EN TENSIOACTIFS

Publication

EP 3083923 A1 20161026 (DE)

Application

EP 14809627 A 20141208

Priority

- DE 102013226835 A 20131220
- EP 2014076874 W 20141208

Abstract (en)

[origin: WO2015091053A1] Liquid compositions, especially for cleaning textiles, comprising (a) water, (b) at least one surfactant, (c) at least one lipase, (d) at least one mannanase, (e) at least one α -amylase, with the proviso that relative to the total weight of the composition, the total amount of surfactant is between 0 and 16 wt%, especially between 0.1 and 13 wt%, very preferably from 3.0 to 10.0 wt%, are suitable especially for the laundering of textiles. Good cleaning performance is achieved in spite of reduced surfactant content. The laundry does not suffer greying.

IPC 8 full level

C11D 3/386 (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP)

C11D 3/38618 (2013.01); **C11D 3/38627** (2013.01); **C11D 3/38636** (2013.01)

Citation (search report)

See references of WO 2015091053A1

Cited by

CN113906124A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015091053 A1 20150625; DE 102013226835 A1 20150625; EP 3083923 A1 20161026; EP 3083923 B1 20190206; ES 2718320 T3 20190701; PL 3083923 T3 20190930

DOCDB simple family (application)

EP 2014076874 W 20141208; DE 102013226835 A 20131220; EP 14809627 A 20141208; ES 14809627 T 20141208; PL 14809627 T 20141208