

Title (en)

WATER-SOLUBLE UNIT DOSE ARTICLE COMPRISING ZWITTERIONIC POLYAMINE

Title (de)

ARTIKEL MIT WASSERLÖSLICHER EINHEITSDOSIS MIT EINEM ZWITTERIONISCHEN POLYAMIN

Title (fr)

ARTICLE EN DOSE UNITAIRE SOLUBLE DANS L'EAU COMPRENANT UNE POLYAMINE ZWITTERIONIQUE

Publication

EP 3342850 A1 20180704 (EN)

Application

EP 17191804 A 20170919

Priority

EP 16207081 A 20161228

Abstract (en)

The present disclosure is to a water-soluble unit dose article comprising a detergent composition wherein the detergent contains a zwitterionic polyamine, and methods of using said unit dose article.

IPC 8 full level

C11D 17/04 (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 3/3796 (2013.01); **C11D 17/042** (2013.01)

Citation (applicant)

- WO 2009153184 A1 20091223 - UNILEVER PLC [GB], et al
- EP 2476743 B1 20130424 - UNILEVER PLC NO 41424 [GB], et al

Citation (search report)

- [X] EP 1666579 A1 20060607 - PROCTER & GAMBLE [US]
- [X] US 2012077725 A1 20120329 - WANG XIAORU JENNY [US], et al
- [X] WO 2007111888 A1 20071004 - PROCTER & GAMBLE [US], et al
- [A] EP 2399979 A1 20111228 - PROCTER & GAMBLE [US]

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)

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DOCDB simple family (application)

EP 17191804 A 20170919; US 2017065676 W 20171212