

Title (en)

LIQUID DETERGENT COMPOSITON COMPRISING A POLYMER PREVENTING GRAYING

Title (de)

FLÜSSIGES WASCH- ODER REINIGUNGSMITTEL MIT VERGRAUUNGSINHIBIERENDEM POLYMER

Title (fr)

COMPOSITION DÉTERGENTE LIQUIDE COMPRENANT UN POLYMÈRE POUR L'INHIBITION DES GRIS

Publication

**EP 2454356 A1 20120523 (DE)**

Application

**EP 10728245 A 20100705**

Priority

- EP 2010059585 W 20100705
- DE 102009027812 A 20090717

Abstract (en)

[origin: WO2011006792A1] The invention relates to the use of an anionic polymer in a liquid washing or cleaning agent for inhibiting graying when washing and/or cleaning textile web materials, and acrylic acid homopolymers comprising liquid washing and cleaning agents.

IPC 8 full level

**C11D 3/22** (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)

**C11D 3/0036** (2013.01 - EP US); **C11D 3/222** (2013.01 - EP US); **C11D 3/225** (2013.01 - EP US); **C11D 3/3719** (2013.01 - EP US); **C11D 3/3765** (2013.01 - EP US); **C11D 3/378** (2013.01 - EP US)

Citation (search report)

See references of WO 2011006792A1

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 SE SI SK SM TR

DOCDB simple family (publication)

**DE 102009027812 A1 20110120**; EP 2454356 A1 20120523; EP 2454356 B1 20170301; ES 2623155 T3 20170710; HU E032295 T2 20170928; JP 2012533638 A 20121227; KR 101777882 B1 20170912; KR 20120050430 A 20120518; MX 2012000783 A 20120228; PL 2454356 T3 20170831; US 2012151683 A1 20120621; US 8486883 B2 20130716; WO 2011006792 A1 20110120

DOCDB simple family (application)

**DE 102009027812 A 20090717**; EP 10728245 A 20100705; EP 2010059585 W 20100705; ES 10728245 T 20100705; HU E10728245 A 20100705; JP 2012519970 A 20100705; KR 20127001093 A 20100705; MX 2012000783 A 20100705; PL 10728245 T 20100705; US 201213349788 A 20120113