

Title (en)

PHOSPHATE SUBSTITUTES FOR MEMBRANE-COMPATIBLE CLEANING AND/OR DETERGENT COMPOSITIONS

Title (de)

PHOSPHATSUBSTITUTE FÜR MEMBRANKOMPATIBLE REINIGUNGS- UND/ODER WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)

PRODUITS DE REMPLACEMENT DE PHOSPHATE POUR DES COMPOSITIONS DE DÉTERGENT ET/OU DE NETTOYAGE COMPATIBLES AVEC DES MEMBRANES

Publication

**EP 2519623 A4 20130605 (EN)**

Application

**EP 09852770 A 20091230**

Priority

IB 2009055999 W 20091230

Abstract (en)

[origin: WO2011080540A1] The invention related to a membrane-compatible cleaning or detergent composition free from any phosphates, silicates and cellulose-based compounds, comprising 5 to 30 wt% of a phosphate substitute as well as a method for washing textiles using this composition. Said cleaning or detergent composition comprises a water-soluble copolymer and a multidentate chelating agent.

IPC 8 full level

**C11D 3/37** (2006.01); **C11D 3/20** (2006.01); **C11D 3/33** (2006.01)

CPC (source: EP)

**C11D 3/2082** (2013.01); **C11D 3/33** (2013.01); **C11D 3/3757** (2013.01)

Citation (search report)

- [X] EP 2083067 A1 20090729 - BASF AG [DE]
- [A] WO 0018859 A1 20000406 - PROCTER & GAMBLE [US], et al
- [A] EP 0523681 A2 19930120 - BEHRENSDORF JOHANNES [DE]
- See references of WO 2011080540A1

Designated contracting state (EPC)

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)

**WO 2011080540 A1 20110707**; EP 2519623 A1 20121107; EP 2519623 A4 20130605; EP 2519623 B1 20160803; EP 2519623 B2 20190320; ES 2598402 T3 20170127; ES 2598402 T5 20191009

DOCDB simple family (application)

**IB 2009055999 W 20091230**; EP 09852770 A 20091230; ES 09852770 T 20091230