

Title (en)  
LAUNDRY COMPOSITIONS

Title (de)  
WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS DE LAVAGE

Publication  
**EP 2791310 A1 20141022 (EN)**

Application  
**EP 12780495 A 20121031**

Priority  
• EP 11192983 A 20111212  
• EP 2012071588 W 20121031  
• EP 12780495 A 20121031

Abstract (en)  
[origin: WO2013087286A1] The present invention relates to a laundry liquid detergent composition comprising (a) nonionic surfactant which comprises an alcohol ethoxylate; (b) anionic surfactant, comprising sodium and/or potassium alkyl C9 to C20 benzene sulfonate; (c) alkyl ether carboxylic acid or carboxylate salt thereof; (d) a betaine surfactant; and (e) a cationic polymer; and to the use of a composition comprising an alkyl ether carboxylate, cationic polymer and a betaine to soften fabrics.

IPC 8 full level  
**C11D 1/94** (2006.01); **C11D 1/06** (2006.01); **C11D 1/22** (2006.01); **C11D 1/72** (2006.01); **C11D 1/90** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)  
**C11D 1/94** (2013.01); **C11D 3/227** (2013.01); **C11D 3/3769** (2013.01); **C11D 1/06** (2013.01); **C11D 1/22** (2013.01); **C11D 1/72** (2013.01); **C11D 1/90** (2013.01)

Citation (search report)  
See references of WO 2013087286A1

Cited by  
US11447722B2

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 2013087286 A1 20130620**; AR 089149 A1 20140730; BR 112014014072 A2 20170613; BR 112014014072 A8 20170613; BR 112014014072 B1 20220510; CN 103975050 A 20140806; CN 103975050 B 20170222; EP 2791310 A1 20141022; EP 2791310 B1 20170118; ES 2622374 T3 20170706; ZA 201403694 B 20151223

DOCDB simple family (application)  
**EP 2012071588 W 20121031**; AR P120104646 A 20121211; BR 112014014072 A 20121031; CN 201280061276 A 20121031; EP 12780495 A 20121031; ES 12780495 T 20121031; ZA 201403694 A 20140521