

Title (en)

AQUEOUS CONCENTRATED LAUNDRY DETERGENT COMPOSITIONS

Title (de)

KONZENTRIERTE WÄSSRIGE WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS DE DÉTERGENT DE BLANCHISSERIE CONCENTRÉES AQUEUSES

Publication

EP 2707472 B1 20150708 (EN)

Application

EP 12719395 A 20120509

Priority

- EP 11165991 A 20110513
- EP 2012058558 W 20120509
- EP 12719395 A 20120509

Abstract (en)

[origin: WO2012156250A1] An aqueous concentrated liquid laundry detergent comprising: (a) at least 8 wt%, preferably at most 40 wt%, anionic non-soap surfactant; (b) at most 30 wt% of nonionic surfactant; (c) at most 10 wt% of surfactant other than (a) and (b) (d) at least 0.1 wt%, preferably at most 10 wt%, alkyl hydroxamate; and (e) at least 2 wt%, preferably at most 20 wt%, nonionic ethoxylated polyethylene imine with an average of between 7 and 40 ethoxy units per substitution site on each nitrogen.

IPC 8 full level

C11D 1/22 (2006.01); **C11D 1/29** (2006.01); **C11D 1/52** (2006.01); **C11D 1/83** (2006.01); **C11D 1/86** (2006.01); **C11D 3/28** (2006.01); **C11D 3/32** (2006.01); **C11D 3/37** (2006.01); **C11D 10/04** (2006.01)

CPC (source: EP)

C11D 1/22 (2013.01); **C11D 1/29** (2013.01); **C11D 1/83** (2013.01); **C11D 1/86** (2013.01); **C11D 3/32** (2013.01); **C11D 3/3723** (2013.01); **C11D 10/04** (2013.01); **C11D 1/52** (2013.01)

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 2012156250 A1 20121122; BR 112013028716 A2 20170124; CN 103517975 A 20140115; CN 103517975 B 20151125; EP 2707472 A1 20140319; EP 2707472 B1 20150708; ES 2546003 T3 20150917; ZA 201308383 B 20150325

DOCDB simple family (application)

EP 2012058558 W 20120509; BR 112013028716 A 20120509; CN 201280022981 A 20120509; EP 12719395 A 20120509; ES 12719395 T 20120509; ZA 201308383 A 20131107