

Title (en)  
AQUEOUS COMPOSITION FOR CLEANING HARD SURFACES

Title (de)  
WÄSSRIGE ZUSAMMENSETZUNG ZUR REINIGUNG HARTER OBERFLÄCHEN

Title (fr)  
COMPOSITION AQUEUSE POUR NETTOYAGE DE SURFACES DURES

Publication  
**EP 3387098 B1 20200916 (EN)**

Application  
**EP 16801526 A 20161128**

Priority

- EP 15199497 A 20151211
- EP 2016078993 W 20161128

Abstract (en)  
[origin: WO2017097621A1] Disclosed is an aqueous bleach-free cleaning composition comprising: (i) 1.5 to 5 % by weight surfactant system containing a. a first surfactant which is a linear alkyl benzene sulphonate; and b. a second surfactant which is an alkoxylated sulphate or a mixture of alkoxylated sulphate and up to 0.4 % by weight of non-ionic surfactant, the non-ionic surfactant having a HLB of 10 to 15; (ii) a non-phosphate alkaline builder in an amount sufficient to provide pH of 11 to 14 to said composition; and, (iii) 2 to 5 % by weight electrolyte which is a salt of a strong acid and a strong base, wherein ratio of amount of said first surfactant to that of said second surfactant is 1:1 to 1:6.5 parts by weight, wherein the second surfactant keeps the first surfactant in micellar phase, and where viscosity of said composition is 250 to 2500 cP at 20 s-1 (0.25 Pa.s to 2.5 Pa.s) at 20°C.

IPC 8 full level  
**C11D 1/22** (2006.01); **C11D 1/37** (2006.01); **C11D 1/83** (2006.01)

CPC (source: EA EP)  
**C11D 1/22** (2013.01 - EA EP); **C11D 1/29** (2013.01 - EA EP); **C11D 3/044** (2013.01 - EA EP); **C11D 3/046** (2013.01 - EA EP); **C11D 3/048** (2013.01 - EA EP); **C11D 3/08** (2013.01 - EA EP); **C11D 3/48** (2013.01 - EA EP); **C11D 1/37** (2013.01 - EA EP); **C11D 1/83** (2013.01 - EA EP)

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 2017097621 A1 20170615**; BR 112018011710 A2 20181127; BR 112018011710 B1 20220607; EA 035067 B1 20200423; EA 201891392 A1 20181130; EP 3387098 A1 20181017; EP 3387098 B1 20200916; PL 3387098 T3 20210406; ZA 201803602 B 20190925

DOCDB simple family (application)  
**EP 2016078993 W 20161128**; BR 112018011710 A 20161128; EA 201891392 A 20161128; EP 16801526 A 20161128; PL 16801526 T 20161128; ZA 201803602 A 20180530