

Title (en)
HIGHLY CONCENTRATED LIQUID WASHING OR CLEANING COMPOSITION

Title (de)
HOCHKONZENTRIERTES FLÜSSIGES WASCH- ODER REINIGUNGSMITTEL

Title (fr)
PRODUIT DÉTERGENT OU NETTOYANT LIQUIDE HAUTEMENT CONCENTRÉ

Publication
EP 2867352 B1 20171101 (DE)

Application
EP 13730592 A 20130624

Priority
• DE 102012211028 A 20120627
• EP 2013063146 W 20130624

Abstract (en)
[origin: WO2014001260A1] The application describes a highly concentrated liquid washing or cleaning composition which comprises a) 18 to 35% by weight, based on the overall washing or cleaning composition, of anionic surfactant of the sulfonate type selected from the group consisting of C9-13-alkylbenzenesulfonates, olefinsulfonates, sulfonated estolides, C12-18-alkanesulfonates and mixtures thereof, b) 15 to 25% by weight, based on the overall washing or cleaning composition, of nonionic surfactant selected from the group consisting of alkoxyated fatty alcohols, alkoxyated oxo alcohols, alkyl polyglycosides and mixtures thereof, c) 2 to 15% by weight, based on the overall washing or cleaning composition, of anionic surfactant of the sulfate type selected from the group consisting of fatty alcohol sulfates, fatty alcohol ether sulfates and mixtures thereof, and d) 0.5 to 20% by weight, based on the overall washing or cleaning composition, of fatty acid and/or fatty acid soap.

IPC 8 full level
C11D 1/14 (2006.01); **C11D 1/22** (2006.01); **C11D 1/28** (2006.01); **C11D 1/29** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01); **C11D 1/83** (2006.01); **C11D 3/20** (2006.01); **C11D 10/04** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP US)
C11D 1/83 (2013.01 - EP US); **C11D 3/2079** (2013.01 - EP US); **C11D 10/04** (2013.01 - EP US); **C11D 17/043** (2013.01 - EP US); **C11D 1/143** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US); **C11D 1/28** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (examination)
• WO 02094974 A1 20021128 - PROCTER & GAMBLE [US]
• WO 2013139726 A1 20130926 - HENKEL AG & CO KGAA [DE]

Citation (opposition)
Opponent : Dalli-Werke GmbH & Co. KG
• WO 2011075556 A1 20110623 - PROCTER & GAMBLE [US], et al
• WO 2011005943 A1 20110113 - PROCTER & GAMBLE [US], et al
• WO 2009061990 A1 20090514 - PROCTER & GAMBLE [US], et al
• RÖMPP: "Alkylarensulfonate", BIOTECHNOLOGIE LEXIKON, vol. 7, 1991, pages 116, XP055506268
Opponent : The Procter and Gamble Company
• US 2012017947 A1 20120126 - FERNANDEZ PRIETO SUSANA [ES], et al
• US 2012028874 A1 20120202 - FERNANDEZ PRIETO SUSANA [ES], et al
• US 2011268802 A1 20111103 - DIHORA JITEN ODHAVJI [US], et al
• US 2011268778 A1 20111103 - DIHORA JITEN ODHAVJI [US], et al
• US 2011186468 A1 20110804 - DENOME FRANK WILLIAM [US], et al
• EP 0985017 A1 20000315 - HENKEL CORP [US]
• US 2011119841 A1 20110526 - BENNETT JULIE [GB], et al

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