

Title (en)  
SUSTAINABLE CLEANING AGENTS AND DETERGENTS

Title (de)  
NACHHALTIGE WASCH- UND REINIGUNGSMITTEL

Title (fr)  
DÉTERSIFS ET NETTOYANTS DURABLES

Publication  
**EP 4183858 A1 20230524 (DE)**

Application  
**EP 22202832 A 20111212**

Priority  
• CH 18072011 A 20111113  
• EP 11405367 A 20111212

Abstract (en)  
[origin: EP2592134A2] Washing- and cleaning agents comprise at least one surfactant comprising (a) fatty acids and their alkali or ammonium salts (I) or (II), (b) fatty acid ester (III), (c) fatty alcohols (IV), (d) ethers of fatty alcohols (V), (e) fatty acid amides (VI), (f) fatty acid-imines (VII), and/or (g) primary, secondary, tertiary or quaternary fatty amines or fatty ammonium salts (VIII), (IX), (X) or (XI). Washing- and cleaning agents comprise at least one surfactant comprising (a) fatty acids and their alkali or ammonium salts having formula (R(O)OH) (I) or (R(O)OM) (II), (b) fatty acid ester having formula (R(O)OR') (III), (c) fatty alcohols having formula (ROH) (IV), (d) ethers of fatty alcohols having formula (ROR') (V), (e) fatty acid amides having formula (R(O)NR') (VI), (f) fatty acid-imines of formula (R(NR')NR''R''') (VII), and/or (g) primary, secondary, tertiary or quaternary fatty amines or fatty ammonium salts of formula (RNH<sub>2</sub>) (VIII), (RNHR') (IX), (RNR'R'') (X) or ((R)(R')(R'')(R'''))N<sup>+</sup>X<sup>-</sup> (XI). M : alkali metal cation or ammonium; R', R'' : organic or inorganic hydrophilic residues; X : anion; and R : lipophilic part of the surfactant made from 8-24C alkyl (optionally saturated and having greater than 60 wt.%, preferably 80-100 wt.% >= 18C alkyl chains).

Abstract (de)  
Die Erfindung beschreibt nachhaltige Tensidmischungen zur Anwendung als Wasch- und Reinigungsmittel für harte Oberflächen und/oder Textilien und Fasern, welche Tenside enthalten, die sich durch einen aussergewöhnlich hohen Anteil an langkettigen (>C18) Alkylresten von über 60 Gew.-% und einem Anteil an ungesättigten Alkylresten von über 50% auszeichnen, jeweils bezogen auf den Gesamtgehalt an Alkylketten der im Mittel enthaltenen Tenside.

IPC 8 full level  
**C11D 1/12** (2006.01); **C11D 1/32** (2006.01); **C11D 1/36** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01); **C11D 1/74** (2006.01); **C11D 1/75** (2006.01); **C11D 1/90** (2006.01); **C11D 1/92** (2006.01); **C11D 3/20** (2006.01); **C11D 3/30** (2006.01); **C11D 3/32** (2006.01); **C11D 9/00** (2006.01)

CPC (source: EP)  
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Citation (applicant)  
"International Cosmetic Ingredient Dictionary and Handbook", 2010, THE PERSONAL CARE PRODUCTS COUNCIL

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