

Title (en)  
HAIR CLEANING AGENT HAVING HIGH CONDITIONING EFFECTIVENESS

Title (de)  
HAARREINIGUNGSMITTEL MIT HOHER PFLEGEWIRKSAMKEIT

Title (fr)  
AGENT DE LAVAGE DES CHEVEUX AYANT UN EFFET DE SOIN ÉLEVÉ

Publication  
**EP 2793835 A2 20141029 (DE)**

Application  
**EP 12794995 A 20121205**

Priority  
• DE 102011089226 A 20111220  
• EP 2012074461 W 20121205

Abstract (en)  
[origin: WO2013092209A2] The invention relates to a cosmetic cleaning agent that contains the following in a cosmetically acceptable carrier: a) at least one anionic surfactant, b) at least one amphoteric and/or zwitterionic surfactant of the following formula (I), in which R stands for a straight-chained or branched, saturated or monounsaturated or polyunsaturated alkyl group or alkenyl group having 8 to 24 carbon atoms and R1 and R2 stand independently of each other for the groups  $-(CH_2)_n-COOX$ ,  $-(CH_2)_n-O-(CH_2)_n-COOX$ , or  $-(CH_2)_n-OH$ , wherein n is an integer from 1 to 4 and X means an alkali ion, an alkaline-earth ion, an ammonium ion, or an alkanolamine ion, c) at least one silicone of the following formula (II), in which group R stands for a hydrogen atom, an alkyl group having 1 to 12 C atoms, an alkoxy group having 1 to 12 C atoms, or a hydroxyl group, x stands for a number from 1 to 100, preferably from 20 to 30, y stands for a number from 1 to 20, preferably from 2 to 10, and a and b stand independently of each other for numbers from 0 to 50, preferably from 10 to 30, and d) at least one cationic polymer, selected from quaternized cellulose derivatives. The agents are excellently suited for cleaning and conditioning hair, in particular for improving the combability and the shine of hair and for strengthening the hair structure.

IPC 8 full level  
**A61K 8/73** (2006.01)

CPC (source: EP US)  
**A61K 8/442** (2013.01 - EP US); **A61K 8/463** (2013.01 - US); **A61K 8/731** (2013.01 - EP US); **A61K 8/894** (2013.01 - EP US); **A61Q 5/00** (2013.01 - US); **A61Q 5/002** (2013.01 - EP US); **A61Q 5/02** (2013.01 - EP US); **A61Q 19/10** (2013.01 - EP US); **A61K 2800/5426** (2013.01 - EP US); **A61K 2800/594** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013092209A2

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)  
**DE 102011089226 A1 20130620**; EP 2793835 A2 20141029; US 2014301965 A1 20141009; WO 2013092209 A2 20130627; WO 2013092209 A3 20140619

DOCDB simple family (application)  
**DE 102011089226 A 20111220**; EP 12794995 A 20121205; EP 2012074461 W 20121205; US 201414309964 A 20140620