

Title (en)

BAR SOAP WITH CATIONIC AGENT

Title (de)

SEIFENSTÜCK MIT KATIONISCHEM WIRKSTOFF

Title (fr)

PAIN DE SAVON COMPRENANT UN AGENT CATIONIQUE

Publication

**EP 3187575 A3 20170719 (EN)**

Application

**EP 16204784 A 20161216**

Priority

US 201514982797 A 20151229

Abstract (en)

[origin: EP3187575A2] Composition of matter useful for cleaning and method of making thereof. The composition of matter comprising at least 10 wt. % of soap, where the soap is an anionic surfactant, and approximately 0.001 to approximately 1.0 wt. % of a cationic agent that is a quaternary amine.

IPC 8 full level

**C11D 3/48** (2006.01); **C11D 3/30** (2006.01); **C11D 9/30** (2006.01); **C11D 10/04** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP)

**C11D 3/48** (2013.01); **C11D 9/30** (2013.01); **C11D 10/047** (2013.01); **C11D 1/62** (2013.01)

Citation (search report)

- [X] FR 2655999 A1 19910621 - CALVEZ DIDIER [FR]
- [X] WO 03057814 A1 20030717 - RAJKUMAR CHINNI KRISHNAN [IN]
- [X] US 3630925 A 19711228 - BUCK FRED H JR
- [X] US 2007042919 A1 20070222 - SCHMIT CATHERINE [US], et al
- [I] WO 2015189566 A1 20151217 - RECKITT BENCKISER LLC [US], et al
- [XI] DATABASE WPI Section Ch Week 200949, Derwent World Patents Index; Class A13, AN 2009-K73121, XP002770497
- [X] CHEMICAL ABSTRACTS, CHEMICAL ABSTRACTS SERVICE (C A S), US, vol. 115, no. 138671u, 7 October 1991 (1991-10-07), XP000194485, ISSN: 0009-2258 & JP H03134099 A 19910607 - SHISEIDO CO LTD, et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3187575 A2 20170705; EP 3187575 A3 20170719; CA 2950170 A1 20170629**

DOCDB simple family (application)

**EP 16204784 A 20161216; CA 2950170 A 20161130**