Title (en)

A METHOD OF PREPARING HAIR CONDITIONING COMPOSITION COMPRISING MONO-ALKYL AMINE CATIONIC SURFACTANT AND ANIONIC POLYMER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER HAARBALSAMZUSAMMENSETZUNG MIT KATIONISCHEM MONOALKYLAMINTENSID UND ANIONISCHEM POLYMER

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UNE COMPOSITION DE CONDITIONNEMENT POUR LES CHEVEUX COMPRENANT UN SURFACTANT CATIONIQUE À BASE DE MONO-ALKYL AMINE ET UN POLYMÈRE ANIONIQUE

Publication

EP 3160432 A1 20170503 (EN)

Application

EP 15736721 A 20150623

Priority

- US 201462016669 P 20140625
- US 2015037119 W 20150623

Abstract (en)

[origin: WO2015200284A1] Disclosed is a method of preparing a hair conditioning composition, wherein the composition comprising: a mono-alkyl amine cationic surfactant; a high melting point fatty compound; an anionic polymer comprising higher % of a vinyl monomer (A) with a carboxyl group; and an aqueous carrier, wherein the method comprises a step: mixing the cationic surfactant, high melting point fatty compound, anionic polymer and aqueous carrier to form an emulsion. The method of the present invention provides hair conditioning compositions having reduced chunks while containing both mono-alkyl amine cationic surfactants and anionic polymers containing higher % of vinyl monomer with carboxyl group

IPC 8 full level

A61K 8/34 (2006.01); **A61K 8/42** (2006.01); **A61K 8/81** (2006.01); **A61Q 5/12** (2006.01)

CPC (source: CN EP)

A61K 8/06 (2013.01 - CN); **A61K 8/342** (2013.01 - CN EP); **A61K 8/416** (2013.01 - CN); **A61K 8/42** (2013.01 - CN EP); **A61K 8/8147** (2013.01 - CN EP); **A61K 8/8152** (2013.01 - CN EP); **A61Q 5/12** (2013.01 - CN EP); A61K 2800/5424 (2013.01 - CN)

Citation (search report)

See references of WO 2015200284A1

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)

WO 2015200284 A1 20151230; CN 106456503 A 20170222; EP 3160432 A1 20170503; JP 2017518337 A 20170706; MX 2016016935 A 20170327

DOCDB simple family (application)

US 2015037119 W 20150623; CN 201580034612 A 20150623; EP 15736721 A 20150623; JP 2016573824 A 20150623; MX 2016016935 A 20150623