

Title (en)

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

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER HAARBALSAMZUSAMMENSETZUNG MIT KATIONISCHEM MONOALKYLAMINTENSID, ANIONISCHEM POLYMER UND POLYOL

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UNE COMPOSITION DE CONDITIONNEMENT CAPILLAIRE COMPRENANT UN TENSIOACTIF CATIONIQUE DE MONOALKYLAMINE, UN POLYMÈRE ANIONIQUE ET UN POLYOL

Publication

EP 3160431 A1 20170503 (EN)

Application

EP 15736720 A 20150623

Priority

- US 201462016667 P 20140625
- US 2015037117 W 20150623

Abstract (en)

[origin: WO2015200283A1] 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; a polyol; and an aqueous carrier, wherein the method comprises the steps: mixing the cationic surfactant, high melting point fatty compound, polyol and aqueous carrier to form an emulsion; and adding the anionic polymer to the emulsion before, during or after forming the 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 8/342 (2013.01 - CN EP); **A61K 8/345** (2013.01 - CN EP); **A61K 8/361** (2013.01 - CN); **A61K 8/416** (2013.01 - CN); **A61K 8/42** (2013.01 - CN EP); **A61K 8/8111** (2013.01 - CN); **A61K 8/8147** (2013.01 - EP); **A61K 8/8152** (2013.01 - EP); **A61Q 5/12** (2013.01 - CN EP)

Citation (search report)

See references of WO 2015200283A1

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 2015200283 A1 20151230; CN 106456502 A 20170222; EP 3160431 A1 20170503; JP 2017519016 A 20170713; MX 2016016934 A 20170427

DOCDB simple family (application)

US 2015037117 W 20150623; CN 201580034573 A 20150623; EP 15736720 A 20150623; JP 2016573838 A 20150623; MX 2016016934 A 20150623