

Title (en)
CATIONIC MICELLES WITH ANIONIC POLYMERIC COUNTERIONS COMPOSITIONS, METHODS AND SYSTEMS THEREOF

Title (de)
KATIONISCHE MIZELLEN MIT ANIONISCHEN POLYMEREN GEGENIONENZUSAMMENSETZUNGEN, VERFAHREN UND SYSTEME

Title (fr)
MICELLES CATIONIQUES AVEC DES COMPOSITIONS DE CONTRE-IONS POLYMÈRES ANIONIQUES, PROCÉDÉS ET SYSTÈMES DE CEUX-CI

Publication
EP 2914235 A1 20150909 (EN)

Application
EP 12887665 A 20121102

Priority

- US 201213663792 A 20121030
- US 201213663830 A 20121030
- US 201213663862 A 20121030
- US 2012063433 W 20121102

Abstract (en)
[origin: WO2014070201A1] The invention relates to polymer-micelle complex. The polymer-micelle complexes include a positively charged micelle selected from the group consisting of a monomeric quaternary ammonium compound, a monomeric biguanide compound, and mixtures thereof. The positively charged micelle is electrostatically bound to a water-soluble polymer bearing a negative charge. The polymer does not comprise block copolymer, latex particles, polymer nanoparticles, cross-linked, polymers, silicone copolymer, fluorosurfactant, or amphoteric copolymer. The compositions do not form a coacervate, and do not form a film when applied to a surface.

IPC 8 full level
A61K 8/14 (2006.01); **A61K 9/00** (2006.01); **C11D 1/50** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP)
A61K 8/0291 (2013.01); **A61K 8/416** (2013.01); **A61K 8/8147** (2013.01); **A61K 8/8158** (2013.01); **A61K 8/8164** (2013.01);
A61Q 17/005 (2013.01); **C11D 1/75** (2013.01); **C11D 3/323** (2013.01); **C11D 3/3947** (2013.01); **C11D 3/3956** (2013.01); **C11D 3/48** (2013.01);
A61K 2800/882 (2013.01)

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 2014070201 A1 20140508; AR 088974 A1 20140723; AU 2012393508 A1 20150430; AU 2012393508 B2 20180125;
CA 2888961 A1 20140508; CL 2015001107 A1 20150724; EP 2914235 A1 20150909; EP 2914235 A4 20160720; MX 2015005405 A 20150805

DOCDB simple family (application)
US 2012063433 W 20121102; AR P120104416 A 20121123; AU 2012393508 A 20121102; CA 2888961 A 20121102;
CL 2015001107 A 20150428; EP 12887665 A 20121102; MX 2015005405 A 20121102