Title (en)
MICROCAPSULES IN SURFACTANT-CONTAINING COMPOSITIONS

Title (de)
MIKROKAPSELN IN TENSIDHALTIGEN ZUSAMMENSETZUNGEN

Title (fr)
MICROCAPSULES DANS DES COMPOSITIONS CONTENANT UN TENSIOACTIF

Publication
EP 2307536 B1 20130213 (EN)

Application
EP 09780617 A 20090715

Priority
• EP 2009059046 W 20090715
• GB 0814423 A 20080808

Abstract (en)
[origin: WO2010015493A1] A composition comprising, 1-99%wt of surfactant and at least one micro-particle having a diameter of 100nm-2mm, said micro-particle comprising: i) a core comprising a hydrophobic benefit agent (preferably a perfume or a dye), and, ii) a shell comprising an uncharged hydrophobically-modified, water-soluble film-forming polymer (preferably a modified PVOH), whereby the film remains substantially intact in the presence of surfactant but dissolves when the concentration of surfactant is reduced, thereby releasing the benefit agent. The invention provides a process for treatment of surfaces comprising the step of contacting a composition according to the invention with fabric, hair, or living tissue. The invention also provides a method for preparing compositions according to claims 1-13 which comprises the steps of: a) providing an aqueous solution of uncharged, hydrophobically-modified, film forming polymer having a hydrophobic benefit agent dispersed therein, b) forming a layer of the uncharged, hydrophobically-modified, film forming polymer around the dispersed hydrophobic benefit agent, and c) stabilizing said layer with surfactant.

IPC 8 full level
C11D 17/00 (2006.01)

CPC (source: EP)
C11D 17/0039 (2013.01)

Cited by
CN110225967A; WO2018141096A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010015493 A1 20100211; AR 072921 A1 20100929; BR PI0917442 A2 20151201; CN 102177232 A 20110907; CN 102177232 B 20130327; EP 2307536 A1 20110413; EP 2307536 B1 20130213; ES 2402486 T3 20130506; GB 0814423 D0 20080910; TW 201012542 A 20100401; ZA 201100600 B 20120501

DOCDB simple family (application)
EP 2009059046 W 20090715; AR P090103010 A 20090806; BR PI0917442 A 20090715; CN 200980140032 A 20090715; EP 09780617 A 20090715; ES 09780617 T 20090715; GB 0814423 A 20080808; TW 98124143 A 20090716; ZA 201100600 A 20110124