

Title (en)
ENCAPSULATED BENEFIT AGENT

Title (de)
VERKAPSELTER PFLEGESTOFF

Title (fr)
AGENT BÉNÉFIQUE ENCAPSULÉ

Publication
EP 2748295 A1 20140702 (EN)

Application
EP 12734951 A 20120712

Priority
• CN 2011001419 W 20110825
• EP 2012063728 W 20120712

Abstract (en)
[origin: WO2013026620A1] A liquid fabric conditioner composition comprising:- (a) a fabric conditioner base comprising a fabric conditioning active and having a pH of from 2.0 to 5.0; and (b) a particle comprising:- (b1) a capsule, which comprises:- (x) a core comprising a benefit agent; and (y) a shell; and (b2) a coating comprising a modified polyvinyl alcohol; wherein the modified polyvinyl alcohol comprises:- (i) a hydrophobic group, selected from an alkyl chain and an aryl chain having from 4 to 16 carbon atoms; and a hydrophilic group which is selected from an alkyl chain and an aryl chain, said hydrophilic group having from 4 to 16 carbon atoms and comprising an amine group selected from a primary, secondary and tertiary amine; and (iii) a mole ratio of hydrophobic groups to hydrophilic groups of from 1:0.5 to 1:10; and wherein the particle has a weight ratio of the capsule to the coating in the range of from 1:1 to 4:1; and the modified polyvinyl alcohol has a level of hydrophobic modification of from 2.0 to 15.0 mole %, with the proviso that at a weight ratio of capsule to coating of about 1:1, preferably from 1:1 to 1.25:1, the level of hydrophobic modification is from 2 to 10 mol %.

IPC 8 full level
C11D 1/46 (2006.01); **C11D 3/37** (2006.01); **C11D 3/50** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 1/62 (2013.01); **C11D 3/0015** (2013.01); **C11D 3/3773** (2013.01); **C11D 3/505** (2013.01); **C11D 17/0039** (2013.01)

Citation (search report)
See references of WO 2013026620A1

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

DOCDB simple family (publication)
WO 2013026620 A1 20130228; BR 112014004266 A2 20170321; EP 2748295 A1 20140702; EP 2748295 B1 20151014; ES 2555456 T3 20160104; ZA 201400527 B 20150930

DOCDB simple family (application)
EP 2012063728 W 20120712; BR 112014004266 A 20120712; EP 12734951 A 20120712; ES 12734951 T 20120712; ZA 201400527 A 20140122