

Title (en)

USE OF AQUEOUS EMULSIONS IN THE FORM OF FOAM FOR THE RELOADING OF TEXTILES

Title (de)

VERWENDUNG VON WÄSSRIGEN EMULSIONEN IN SCHAUMFORM ZUM RELOAD VON TEXTILIEN

Title (fr)

UTILISATION D'ÉMULSIONS AQUEUSES SOUS FORME DE MOUSSE POUR LA RECHARGE DE TEXTILES

Publication

EP 2102407 B1 20100407 (DE)

Application

EP 07856490 A 20071208

Priority

- EP 2007010714 W 20071208
- DE 102007001115 A 20070104

Abstract (en)

[origin: US2010086574A1] The invention relates to the use of aqueous emulsions and/or dispersions in the form of foam for the reloading of textiles. These aqueous emulsions and/or dispersions contain (a) 0-25% by weight of one or several skin-protecting oils, (b) 0-25% by weight of microcapsules loaded with active ingredients, (c) 0-20% by weight of one or several emulsifiers, (d) 0.1-25% by weight of one or several foam-producing agents, (e) 0-10% by weight of one or several foam stabilizers, and (f) the remainder at 100% by weight of water, with the condition that at least one of the components (a) or (b) must be present in a quantity of more than 0% by weight, and the further condition that the foam must fulfill the following conditions: the foam density is in the range of 50 to 300 g/l and the foam disintegration time is in the range of 2 to 30 min.

IPC 8 full level

D06M 13/224 (2006.01); **B01J 13/02** (2006.01); **C09K 23/00** (2022.01); **C11D 3/38** (2006.01); **C11D 3/382** (2006.01); **C11D 3/384** (2006.01); **C11D 11/00** (2006.01); **D06M 23/04** (2006.01); **D06M 23/12** (2006.01)

CPC (source: EP US)

C11D 3/0015 (2013.01 - EP US); **C11D 3/0094** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US); **D06M 13/224** (2013.01 - EP US); **D06M 23/04** (2013.01 - EP US); **D06M 23/12** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2010086574 A1 20100408; AT E463612 T1 20100415; BR PI0720871 A2 20140304; BR PI0720871 A8 20161018; CN 101578414 A 20091111; CN 101578414 B 20130116; DE 102007001115 A1 20080710; DE 502007003431 D1 20100520; EP 2102407 A1 20090923; EP 2102407 B1 20100407; ES 2342628 T3 20100709; JP 2010514955 A 20100506; MX 2009007130 A 20090710; PL 2102407 T3 20100930; PT 2102407 E 20100708; WO 2008080514 A1 20080710

DOCDB simple family (application)

US 52215707 A 20071208; AT 07856490 T 20071208; BR PI0720871 A 20071208; CN 200780049277 A 20071208; DE 102007001115 A 20070104; DE 502007003431 T 20071208; EP 07856490 A 20071208; EP 2007010714 W 20071208; ES 07856490 T 20071208; JP 2009544366 A 20071208; MX 2009007130 A 20071208; PL 07856490 T 20071208; PT 07856490 T 20071208