

Title (en)

Single compartment unit dose fabric treatment product comprising pouched compositions with cationic fabric softener actives

Title (de)

Einkammer-Einzelportion Textilbehandlungsmittel enthaltend in Beuteln verpackte Zusammensetzungen mit kationischen Weichspülmitteln

Title (fr)

Produit pour le traitement de tissus à dose unitaire, à compartiment unique et comprenant des compositions ensachées avec des agents adoucissants cationiques

Publication

EP 1431381 A1 20040623 (EN)

Application

EP 02447258 A 20021219

Priority

EP 02447258 A 20021219

Abstract (en)

The present invention relates a unit dose fabric treatment product comprising a non-aqueous liquid fabric treatment composition contained in a single compartment water-soluble pouch. The inner space of the pouch contains (A) a cleaning system comprising more than 5% by weight of the fabric treatment composition of at least one surfactant; (B) a fabric softening system comprising at least one fabric softening active selected from the group consisting of (i) cationic ammonium-based fabric softening compounds comprising at least one carbonyl functionality; wherein the molar ratio of anionic surfactant to ammonium-based fabric softener is at least 3:1; (ii) cationic guar gums with a charge density between 0.2 meq/gm to 5.0 meq/gm; and (iii) mixtures thereof. <??>The invention further relates to a method of producing such compositions and to the use of such compositions to impart fabric-cleaning and fabric-softening benefits via single compartment water-soluble pouches to fabric treated therewith.

IPC 1-7

C11D 17/04; **C11D 1/65**; **C11D 3/22**

IPC 8 full level

C11D 1/65 (2006.01); **C11D 3/00** (2006.01); **C11D 3/22** (2006.01); **C11D 17/04** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP)

C11D 1/65 (2013.01); **C11D 3/0015** (2013.01); **C11D 3/227** (2013.01); **C11D 17/043** (2013.01); **C11D 1/62** (2013.01)

Citation (search report)

- [A] US 6492315 B1 20021210 - CAO HOAI-CHAU [BE], et al
- [A] DE 3815270 A1 19881124 - SANDOZ AG [DE]
- [A] US 2002077264 A1 20020620 - ROBERTS NIGEL PATRICK SOMERVIL [GB], et al

Cited by

CN109135960A; EP3555360A4; CN105874108A; CN111040894A; EP1854869A1; CN110964605A; US7691801B2; EP2090645A1; US7763579B2; US7718596B2; WO2006130647A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1431381 A1 20040623; AT E321121 T1 20060415; DE 60304157 D1 20060511; DE 60304157 T2 20070308; ES 2261909 T3 20061116

DOCDB simple family (application)

EP 02447258 A 20021219; AT 03447251 T 20031015; DE 60304157 T 20031015; ES 03447251 T 20031015