

Title (en)
USING CATIONIC CELLULOSES TO ENHANCE DELIVERY OF FABRIC CARE BENEFIT AGENTS

Title (de)
VERWENDUNG VON KATIONISCHEN CELLULOSEN ZUR VERBESSERUNG DER FREISETZUNG VON TEXTILPFLEGEMITTELN

Title (fr)
UTILISATION DE CELLULOSES CATIONIQUES POUR AMELIORER LA LIBERATION D'AGENTS TRAITANTS D'ENTRETIEN DE TEXTILES

Publication
EP 1537196 A1 20050608 (EN)

Application
EP 03752194 A 20030909

Priority

- US 0328346 W 20030909
- US 40909102 P 20020909
- US 37579203 A 20030226

Abstract (en)
[origin: WO2004022686A1] Laundry product compositions containing a stable mixture of at least one water insoluble fabric care benefit agent and at least one delivery enhancing agent that is preferably a silicone derivative. Detergent laundry product compositions containing from about 1% to about 80%, by weight of the composition, of a deterative surfactant that is an anionic surfactant, cationic surfactant, nonionic surfactant, amphoteric surfactant, zwitterionic surfactant, or a mixture thereof; from about 0.1% to about 10%, by weight of the composition, of a water insoluble fabric care benefit agent; from about 0.01% to about 5%, by weight of the composition, of a delivery enhancing agent; and wherein the ratio of the delivery enhancing agent to the fabric care benefit agent is from about 1:50 to about 1:1.

IPC 1-7
C11D 3/22; **C11D 3/37**

IPC 8 full level
C11D 3/30 (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 7/22** (2006.01); **C11D 7/32** (2006.01); **C11D 17/08** (2006.01); **D06M 15/05** (2006.01); **D06M 15/227** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP)
C11D 3/227 (2013.01); **C11D 3/373** (2013.01); **C11D 3/3742** (2013.01); **C11D 3/3749** (2013.01); **C11D 3/3757** (2013.01); **C11D 3/3788** (2013.01); **C11D 7/329** (2013.01)

Citation (search report)
See references of WO 2004022685A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004022686 A1 20040318; AT E389708 T1 20080415; AT E393812 T1 20080515; AU 2003270497 A1 20040329; AU 2003270521 A1 20040329; BR 0314074 A 20050705; BR 0314147 A 20050712; CA 2495117 A1 20040318; CA 2495323 A1 20040318; CN 1678723 A 20051005; CN 1678724 A 20051005; DE 60319845 D1 20080430; DE 60319845 T2 20090305; DE 60320655 D1 20080612; DE 60320655 T2 20090604; EP 1537196 A1 20050608; EP 1537196 B1 20080430; EP 1537197 A1 20050608; EP 1537197 B1 20080319; EP 2210933 A1 20100728; ES 2302939 T3 20080801; ES 2305492 T3 20081101; JP 2005536618 A 20051202; JP 2005537408 A 20051208; JP 4145874 B2 20080903; JP 4283224 B2 20090624; MX PA05002610 A 20050505; MX PA05002611 A 20050505; WO 2004022685 A1 20040318

DOCDB simple family (application)
US 0328421 W 20030909; AT 03752194 T 20030909; AT 03752219 T 20030909; AU 2003270497 A 20030909; AU 2003270521 A 20030909; BR 0314074 A 20030909; BR 0314147 A 20030909; CA 2495117 A 20030909; CA 2495323 A 20030909; CN 03821072 A 20030909; CN 03821073 A 20030909; DE 60319845 T 20030909; DE 60320655 T 20030909; EP 03752194 A 20030909; EP 03752219 A 20030909; EP 08152893 A 20030909; ES 03752194 T 20030909; ES 03752219 T 20030909; JP 2004534807 A 20030909; JP 2004534811 A 20030909; MX PA05002610 A 20030909; MX PA05002611 A 20030909; US 0328346 W 20030909