

Title (en)

USE OF CATIONICALLY MODIFIED, PARTICLE-SHAPED, HYDROPHOBIC POLYMERS AS ADDITION AGENTS IN TEXTILE RINSING OR CARE PRODUCTS AND AS ADDITION AGENTS IN DETERGENTS

Title (de)

VERWENDUNG VON KATIONISCH MODIFIZIERTEN, TEILCHENFÖRMIGEN, HYDROPHOBEN POLYMEREN ALS ZUSATZ ZU SPÜL- ODER PFLEGEMITTELN FÜR TEXTILIEN UND ALS ZUSATZ ZU WASCHMITTELN

Title (fr)

UTILISATION DE POLYMERES HYDROPHOBES, PARTICULAIRES, MODIFIES PAR VOIE CATIONIQUE, COMME ADDITIF POUR AGENTS DE RIN AGE OU D'ENTRETIEN DESTINES A DES TEXTILES ET COMME ADDITIF POUR DETERGENTS

Publication

EP 1287104 B1 20060524 (DE)

Application

EP 01947335 A 20010602

Priority

- DE 10027634 A 20000606
- EP 0106312 W 20010602

Abstract (en)

[origin: US6908490B2] The invention relates to the use of cationically-modified, particle-shaped, hydrophobic polymers as addition agents in rinsing, care, detergent, and cleaning products. The surface of said polymers is cationically modified by means of a coating of cationic polymers and the particle size of said polymers ranges from 10 nm to 100 µm.

IPC 8 full level

C11D 3/37 (2006.01); **D06L 1/12** (2006.01); **C08J 3/205** (2006.01); **C11D 17/06** (2006.01); **D06M 15/267** (2006.01); **D06M 15/285** (2006.01); **D06M 15/356** (2006.01)

CPC (source: EP US)

C11D 3/3723 (2013.01 - EP US); **C11D 3/3757** (2013.01 - EP US); **C11D 3/3769** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2003171246 A1 20030911; **US 6908490 B2 20050621**; AT E327308 T1 20060615; AU 6904801 A 20011217; CA 2410442 A1 20011213; DE 10027634 A1 20011213; DE 50109880 D1 20060629; EP 1287104 A1 20030305; EP 1287104 B1 20060524; JP 2003535960 A 20031202; MX PA02011216 A 20030310; WO 0194516 A1 20011213

DOCDB simple family (application)

US 29622102 A 20021203; AT 01947335 T 20010602; AU 6904801 A 20010602; CA 2410442 A 20010602; DE 10027634 A 20000606; DE 50109880 T 20010602; EP 0106312 W 20010602; EP 01947335 A 20010602; JP 2002502059 A 20010602; MX PA02011216 A 20010602