

Title (en)

METHOD FOR FINISHING FIBRES AND TEXTILE FABRICS WITH ABSORBENT MICROSPHERES

Title (de)

VERFAHREN ZUM AUSRÜSTEN VON FASERN UND TEXTILEN FLÄCHENGEBILDEN MIT ABSORBIERENDEN MIKROSPHÄREN

Title (fr)

PROCÉDÉ TRAITEMENT DE FIBRES ET DE STRUCTURES TEXTILES AVEC DES MICROSPHERES ABSORBANTES

Publication

EP 2262944 B1 20120926 (DE)

Application

EP 09729486 A 20090402

Priority

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- EP 09729486 A 20090402

Abstract (en)

[origin: EP2108734A1] In a method for finishing fibers and textile sheets by fixing absorbent microspheres (a) using a film-forming polymeric binder (b), an aqueous dispersion of (a) is produced using 6-24C fatty acid alkali(ne earth) metal soap dispersant; the textile is introduced into the dispersion; the pH of the aqueous liquor is slowly reduced by adding acid to convert the soap into the corresponding fatty acid; and (b) is added. A method for finishing fibers and textile sheets, by fixing absorbent microspheres (a) on the textile surface using a film-forming polymeric binder (b), involves: (1) forming an aqueous dispersion of the microspheres (a) using 6-24C fatty acid alkali(ne earth) metal soaps (optionally formed in situ from the acid and hydroxide) as dispersant; (2) introducing the textile into the dispersion (optionally under dilution with water); (3) slowly reducing the pH of the aqueous liquor by adding (in)organic acid, so that the soap is converted into the corresponding acid; and (4) adding the binder (b), which is exhausted onto the (a)-charged textile in the acidic pH region.

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