

Title (en)

Method for modifying fibers and modified fibers

Title (de)

Verfahren zur Herstellung von modifizierten Fasern und modifizierte Fasern

Title (fr)

Procédé pour la préparation de fibres modifiées et fibres modifiées

Publication

**EP 1612323 A1 20060104 (EN)**

Application

**EP 05254061 A 20050629**

Priority

JP 2004192527 A 20040630

Abstract (en)

A method for modifying fibers comprises steps of adding a crosslinking agent and/or an aqueous resin emulsion to an alkali aqueous solution dissolving therein a cellulose ether having such a low degree of substitution that a molar degree of substitution with an alkyl group and/or a hydroxyalkyl group ranges 0.05 to 1.3, applying the resulting solution to fibers neutralizing the applied solution with an acid for coagulation, and thermally treating the fibers. Alternatively, the method comprises adding a crosslinking agent and/or an aqueous resin emulsion to an alkali aqueous solution dissolving therein a cellulose ether having such a low degree of substitution that a molar degree of substitution with an alkyl group and/or a hydroxyalkyl group ranges 0.05 to 1.3, applying the resulting solution to fibers, thermally treating the thus applied fibers, and applying an acid to the fibers to neutralize the alkali left on the fibers.

IPC 8 full level

**D06M 15/09** (2006.01)

CPC (source: EP KR US)

**D06M 15/09** (2013.01 - EP KR US); **D06M 2200/50** (2013.01 - EP US)

Citation (applicant)

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DE FR GB

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