

Title (en)

SOIL-REPELLENT AGENT AND METHOD FOR TREATING ARTICLES BASED ON WOVEN COTTON

Title (de)

SCHMUTZABWEISENDES MITTEL UND VERFAHREN ZUR BEHANDLUNG VON GEWEBTEN BAUMWOLLARTIKELN

Title (fr)

AGENT ANTISALISSURE ET PROCEDE DE TRAITEMENT DES ARTICLES A BASE DE COTON TISSE

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Application

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Abstract (en)

[origin: US6379394B1] A soil-repellent treatment method for articles based on woven cotton, wherein an amphiphilic soil-repellent agent soluble or dispersible in the treatment medium is deposited on the article during one or more washing, rinsing and/or softening or dyeing steps, is disclosed. Said soil-repellent agent comprises at least one unit with a function (FAd) capable of being absorbed onto the surface of the cotton by electrostatic interaction; and at least one hydrophobic unit (MH) capable of configuring said agent at the cotton/water interface. A soil-repellent agent comprising at least one unit with a cationic function (MC) capable of being absorbed onto the surface of the cotton, and the counter-ion thereof, as well as at least one hydrophobic unit (MH) containing at least four carbon atom chemically bonded to the unit having said cationic function (MC) via an oligomeric, polymeric or copolymeric vinyl alcohol chain, is also disclosed.

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