

Title (en)

Process for finishing flat textile products.

Title (de)

Verfahren zur Veredlung von textilen Flächengebilden.

Title (fr)

Méthode pour l'ennoblissement de produits textiles plats.

Publication

EP 0225280 A1 19870610 (DE)

Application

EP 86810493 A 19861031

Priority

CH 476085 A 19851106

Abstract (en)

[origin: US4764395A] A process for finishing a textile fabric by coating the fabric with a compound which is crosslinkable by reaction-initiation radiation, exposing the back of the coated material to reaction-initiating radiation to induce crosslinking of said compound exposed through the fabric web, and removing the non-crosslinked compound. In accordance with the process of the present invention, the individual threads of the fabric act as a screen, so that crosslinking of the radiation-sensitive compounds by irradiation can only take place between the threads and not inside them, i.e. it takes place between the fibrils. This results in a differentiated porosity. The water resistance of the treated fabric is improved due to the crosslinking between the threads.

Abstract (de)

Veredlung textiler Flächengebilde durch Beschichtung derselben mit einer durch reaktionsstartende Strahlung vernetzbaren Verbindung. Bestrahlung des beschichteten Materials von der Rückseite her mit reaktionsstartender Strahlung und Herauslösen von nichtvernetzter Verbindung. Die so behandelten textilen Flächengebilde zeichnen sich durch gute Wasserfestigkeit und Wasserdampfdurchlässigkeit aus.

IPC 1-7

D06M 14/00; D06N 3/00; G03C 5/00

IPC 8 full level

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Citation (search report)

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DOCDB simple family (application)

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