

Title (en)

PROCESS FOR THE PRODUCTION OF TEXTILE COVERINGS COATED WITH POLYURETHANE, TEXTILE COVERINGS COATED WITH POLYURETHANE AND THEIR USE IN PRODUCING BREATHING AND WATER REPELLENT FINISHES

Publication

**EP 0283556 B1 19920520 (DE)**

Application

**EP 87114169 A 19870929**

Priority

DE 3633874 A 19861004

Abstract (en)

[origin: US4774131A] The present invention relates to a process for the production of textiles that are coated with polyurethane, in which the material that is to be coated is coated with two oppositely charged aqueous ionic dispersions of polyurethanes that contain no free isocyanate groups and contain covalently bonded, solubility-enhancing ionic groups, dried and optionally waterproofed. Cationic and anionic polyurethane dispersions are preferred in a weight ratio of 1:1, and are applied to the textile material in a two-coat technique, wet-on-wet. In addition, the invention relates to textile material produced in this way, with improved waterproof qualities and the use of such textiles for the production of breathable, water- and wind resistant clothing, industrial textiles, and leather substitutes, all of which are permeable to water vapour.

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Cited by

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