

Title (en)  
HIGH-PERFORMANCE FIBROUS PRODUCTS

Title (de)  
HOCHLEISTUNGSFÄHIGE FASERPRODUKTE

Title (fr)  
PRODUITS FIBREUX À HAUTE PERFORMANCE

Publication  
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Application  
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Abstract (en)  
[origin: WO2012122257A2] The invention relates to formulations and methods for coating a fibrous web, comprising an emulsion capable of deposition on the fibrous web, the emulsion comprising an aqueous continuous phase and a discontinuous internal phase comprising a surface-modifying agent. The fibrous web may comprise a population of fibers that are pretreated with a pretreatment polymer, such as a polycationic polymer. The fibrous web may contain cellulose fibers, or two populations of dissimilar fibers. The surface-modifying agent may contain a polymeric system that forms a coating polymer on fibers of the fibrous web following evaporation of the aqueous continuous phase of the emulsion.

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