

Title (en)  
PRODUCTION OF SUPERHYDROPHOBIC FIBROUS SUBSTRATES

Title (de)  
HERSTELLUNG SUPERHYDROPHOBER FASERSUBSTRATE

Title (fr)  
PREPARATION DE SUBSTRATS FIBREUX SUPERHYDROPHOBES

Publication  
**EP 1954869 A1 20080813 (FR)**

Application  
**EP 06841826 A 20061129**

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Abstract (en)  
[origin: WO2007063217A1] The invention relates to the production of a superhydrophobic fibrous substrate. The process involves preparing hydrophobic core-shell microparticles, the said microparticles having a core of polyurethane and a shell of polydimethylsiloxane or of polybutadiene, then depositing a liquid suspension of the said microparticles on the fibrous substrate. Superhydrophobic fibrous substrates of this kind are useful for the manufacture of textiles intended for apparel, or of coatings for printing.

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