

Title (en)

Nonwoven, coated substrates and method of applying a coating at high bath concentration and low wet pick-up

Title (de)

Beschichtete Vliesstoffsubstrate und Verfahren zum Aufbringen einer Beschichtung bei hoher Badkonzentration und niedriger Feuchtigkeitsaufnahme

Title (fr)

Substrat non-tissé couché et procédé d'application d'un revêtement à haute concentration et prise de fluide faible

Publication

EP 0546580 B1 19961016 (EN)

Application

EP 92121195 A 19921211

Priority

US 80674791 A 19911213

Abstract (en)

[origin: EP0546580A1] Nonwoven, hydrophobic fibrous substrates uniformly coated with a wetting agent are disclosed which have improved tensile strength properties over conventional coated, nonwoven substrates. Also disclosed is a process for applying a high solids content wetting agent to a substrate in a manner which results in low wet pick-up and eliminates drying requirements. The low wet pick-up reduces degradation of the tensile strength of the material normally resulting from with the wetting and drying of nonwoven substrates. In one embodiment the untreated side remains hydrophobic producing a "one-way valve" effect. <IMAGE>

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Cited by

EP0594983A1; US2011217894A1; EP0794280A3; US9757882B2; US6787184B2; US9067328B2; US9919501B2; WO2019026008A1; WO2005080662A1; US10098516B2; US10568484B2; US9212011B2; US9237973B2; US10638908B2

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