

Title (en)
COATED FIBROUS WEB AND PROCESS FOR THE PRODUCTION THEREOF

Title (de)
BESCHICHTETES FASERVLIES UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
NAPPE FIBREUSE ENDUITE ET PROCEDE DE PRODUCTION DE LADITE NAPPE

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Application
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Abstract (en)
[origin: WO02092909A1] The present invention relates to a coated fibrous web and a method for producing it. According to the present invention, a coated fibrous web comprises a filler-containing base web that has a pigment-containing coating layer on at least one surface. The filler of the base web consists at least partially of cellulose or lignocellulose fibrils, on the surface of which light scattering material particles have been deposited. The filler comprises cellulose or lignocellulose fibrils having an average thickness less than 5µm produced from plant fibres by refining and screening. Considerable advantages are achieved with the present invention. With the help of the composite filler, the formation of the fibrous web can be improved significantly without impairing the retention, which makes it possible to achieve an extremely smooth substrate for the coating. The smoothness of the surface can also be improved. Furthermore, the fines-based carrier fraction of the fillers does not penetrate too much into the fibre network. Due to these reasons even a small amount of coating produces good coverage and quality improving cost-efficiency.

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