

Title (en)

PROCESS FOR APPLYING CHEMICAL PAPERMAKING ADDITIVES FROM A THIN FILM TO TISSUE PAPER

Title (de)

VERFAHREN ZUM AUFBRINGEN VON CHEMISCHEN PAPIERHERSTELLUNGSHILFSMITTELN AUS EINEM DÜNNEN FILM ZUM TISSUE PAPIER

Title (fr)

PROCEDE DE TRANSFERT D'ADDITIFS CHIMIQUES UTILISES DANS L'INDUSTRIE DU PAPIER A PARTIR D'UN FILM MINCE SUR DES PAPIERS DE TISSU

Publication

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Application

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Priority

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- US 93616192 A 19920827
- US 93643992 A 19920827

Abstract (en)

[origin: WO9405857A1] Disclosed is a process for making soft tissue paper which includes providing a dry tissue web and then applying a sufficient amount of a chemical papermaking additive from a thin film to the dry web. The chemical papermaking additives are added to the surface of the tissue paper to enhance properties of the paper such as strength, softener, absorbency, and/or aesthetics. The chemical papermaking additive application process includes the steps of diluting the chemical papermaking additive with a suitable solvent, applying the diluted chemical solution to a heated transfer surface, evaporating the solvent from the dilute solution to form a film, and then transferring the film to the tissue by contacting the dry tissue web with the heated transfer surface. Preferably, the tissue web is dried to a moisture level below its equilibrium moisture content before application of the papermaking additive.

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