

Title (en)

Process and apparatus for making a paper sheet having a CF-coat applied thereon

Title (de)

Verfahren und Vorrichtung zur Herstellung einer eine CF-Schicht aufweisende Papierbahn

Title (fr)

Procédé et dispositif de fabrication d'une feuille de papier ayant une couche de réception sensible à la pression

Publication

EP 0735188 A1 19961002 (DE)

Application

EP 96102320 A 19960301

Priority

DE 19511050 A 19950325

Abstract (en)

In a process for the mfr. of paper having a CF coating on one side, the raw paper is passed through the gap between a coating roll (2) and an opposing roll (1). The CF coating material, which contains a mineral or organic colour reactive pigment, is continuously applied to the coating roll - at a thickness determined by a metering roll (14) - and is applied by the coating roll to the paper. The coating and opposing rolls (2, 1) are pressed against one another in such a way that an average linear force of a max. of 10 N/m is exerted between them. Also claimed is a coating machine for the process in which the coating and opposing rolls are provided with a means of sensitively generating a linear force between them in the region of up to 10 kN/m.

Abstract (de)

Verfahren zum Herstellen einer Papierbahn, die eine CF-Schicht aufweist. Dabei führt man die Bahn durch einen von einer Beschichtungswalze (2) und einer Gegenwalze (1) gebildeten Walzenspalt (a). CF-Streichfarbe wird auf die Beschichtungswalze (2) aufgetragen, dort mittels einer Dosiereinrichtung (11) dosiert und in dem Walzenspalt auf die Papierbahn (3) übertragen, wobei die zwei Walzen (1, 2) mit einer Linienkraft von höchstens 10 kN/m gegeneinander gedrückt werden. <IMAGE>

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Citation (search report)

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