

Title (en)

METHOD AND DEVICE FOR IMPROVING THE COATING SURFACE OF STRIPS OF PAPER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBESSERUNG EINER STRICHOBERFLÄCHE VON PAPIERBAHNEN

Title (fr)

PROCEDE ET DISPOSITIF POUR AMELIORER LA SURFACE DE COUCHAGE DE BANDES DE PAPIER

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Application

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Abstract (en)

[origin: US6521299B1] The invention relates to a method and device for improving the coating surface of a coating mass deposited on or applied to a paper web (8, 23) by a film press. An anionic aqueous coating mass or an anionic paper web are provided with an opposite electric charge by an electric charger, whereby the applied coating is attracted to the oppositely charged paper (8, 23) in a nip exit area of the film press. The electric charger is, for example, a corona generator (13, 17) or a direct current voltage source (9) that is connected to the paper (8, 23) and coating slip by electrodes (5, 5a, 7, 7a).

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