Title (en)

A METHOD OF IMPROVING DEWATERING EFFICIENCY, INCREASING SHEET WET WEB STRENGTH, INCREASING SHEET WET STRENGTH AND ENHANCING FILLER RETENTION IN PAPERMAKING

Title (de)

VERFAHREN ZUR VERBESSERUNG DER ENTWÄSSERUNGSEFFIZIENZ, ERHÖHUNG DER NASSFESTIGKEIT VON BAHNMATERIAL, ERHÖHUNG DER NASSFESTIGKEIT VON BLATTMATERIAL UND VERBESSERUNG DER FÜLLSTOFFRETENTION BEI DER PAPIERHERSTELLUNG

Title (fr)

PROCÉDÉ POUR AMÉLIORER L'EFFICACITÉ DE DÉSHYDRATATION, AUGMENTER LA RÉSISTANCE D'UNE BANDE HUMIDE DE FEUILLE, AUGMENTER LA RÉSISTANCE À L'ÉTAT HUMIDE DE FEUILLES ET AMÉLIORER LA RÉTENTION DE CHARGE DANS LA FABRICATION DU PAPIER

Publication

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Application

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Abstract (en)

[origin: WO2014204702A1] The invention provides a method of improving dewatering efficiency, increasing sheet wet web strength, increasing sheet wet strength and enhancing filler retention in a papermaking process The method improves the efficiency of drainage aids or wet web strength aids or wet strength aid by coating at least some of the filler particles with a material that prevents the filler materials form adhering to a those additives. The drainage additive or wet web strength additive or wet strength aid holds the cellulose fibers together tightly and is not wasted on the filler particles.

IPC 8 full level

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CPC (source: EP)

D21H 17/375 (2013.01); **D21H 17/45** (2013.01); **D21H 17/675** (2013.01); **D21H 17/69** (2013.01); **D21H 21/10** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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