Title (en)

IMPROVEMENTS TO PROCESSES FOR MANUFACTURING PAPER PRODUCTS BY IMPROVING THE PHYSICO-CHEMICAL BEHAVIOUR OF THE PAPER STOCK

Title (de)

VERBESSERTE VERFAHREN ZUR HERSTELLUNG VON PAPIERPRODUKTEN DURCH VERBESSERUNG DES PHYSIKALISCH-CHEMISCHEN VERHALTENS DES PAPIERSTOFFS

Title (fr)

AMELIORATIONS APPORTEES AUX PROCEDES DE FABRICATION DE PRODUITS EN PAPIER PAR AMELIORATION DU COMPORTEMENT PHYSICO-CHIMIQUE DE LA PATE A PAPIER

Publication

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Application

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Priority

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- IB 0300818 W 20030303

Abstract (en)

[origin: WO03074788A2] The subject of the present invention is a process for manufacturing paper from cellulose fibres dispersed in an aqueous medium, in which process carbon dioxide is injected into the stock directly or via an aqueous vehicle prior to an addition of chemical additives so as to control the ionic demand and the zeta potential downstream, and especially in the step of adding the additives. In particular, the additives are added to the mixing chest (2) and carbon dioxide is added to the white water on the output side of the brocke pulper (15) or to the short system (9).

IPC 1-7

D21H 23/10

IPC 8 full level

D21H 23/10 (2006.01); D21H 17/65 (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

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