

Title (en)
A PROCESS FOR THE PRODUCTION OF PAPER.

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PAPIER.

Title (fr)
PROCEDE DE PRODUCTION DE PAPIER.

Publication
EP 0394368 A1 19901031 (EN)

Application
EP 89903832 A 19890214

Priority
SE 8800816 A 19880308

Abstract (en)
[origin: WO8908741A1] A process for the production of paper by forming and dewatering a suspension of cellulose containing fibers and optional fillers on a wire in the presence of a cationic silica based sol and a cationic polymeric retention agent. The cationic polymeric retention agent is cationic guar gum or a cationic synthetic polymer such as cationic polyacrylamide. The combination of cationic silica sol and cationic polymeric retention agent gives improved retention of fines and fillers and eases drainage.

Abstract (fr)
Un procédé de production de papier consiste à former et à égoutter une suspension de cellulose contenant des fibres ainsi que des charges optionnelles sur un fil, en présence d'un sol à base de silice cationique et d'un agent de rétention polymère cationique. Ledit agent de rétention polymère cationique est une gomme de guar ou un polymère synthétique cationique tel qu'un polyacrylamide cationique. La combinaison de sol de silice cationique et de l'agent de rétention polymère cationique améliore la rétention de poussières et de charges, et facilite le drainage.

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IPC 8 full level
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