

Title (en)

Process for the fixation of impurities in paper making.

Title (de)

Verfahren zur Störstofffixierung bei der Papierherstellung.

Title (fr)

Procédé pour la fixation d'impuretés dans la fabrication du papier.

Publication

EP 0384268 B1 19940608 (DE)

Application

EP 90102772 A 19900213

Priority

DE 3905049 A 19890218

Abstract (en)

[origin: EP0384268A1] The invention relates to a process for fixing foreign substances in papermaking, wherein the agents used for fixing the foreign substances are polymers, consisting of cationic groups, of 50 to 100% by weight of quaternised dimethylaminopropylacrylamide or dimethylaminopropylmethacrylamide and 0 to 50% by weight of acrylamide, acrylic acid, methacrylic acid or acrylamidomethylpropanesulphonic acid, which have an intrinsic viscosity of less than 150 ml/g. The fixing agent is added to the pulp run and/or to the circulating water in quantities of up to 1% by weight relative to the dry weight of the paper produced.

IPC 1-7

D21H 17/45; **D21H 23/04**

IPC 8 full level

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CPC (source: EP)

D21H 17/455 (2013.01); **D21H 21/02** (2013.01)

Citation (examination)

Wochenblatt für Papierfabrikation 112, Nr. 2, 1984, DE; W. Auhorn "Das Störstoff-Problem bei Verringerung der spezifischen Abwassermenge", Seiten 37-48

Cited by

WO9115250A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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