

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 February 2002 (07.02.2002)

PCT

(10) International Publication Number
WO 02/10508 A1

(51) International Patent Classification⁷: **D21C 9/08**,
5/02, C08F 220/60

(21) International Application Number: PCT/EP01/08115

(22) International Filing Date: 13 July 2001 (13.07.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0018314.5 27 July 2000 (27.07.2000) GB

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESSES OF REDUCING CONTAMINATION FROM CELLULOSIC SUSPENSIONS

(57) Abstract: A method of removing synthetic hydrophobic resinous particles from a waste treatment process in which an aqueous cellulosic suspension is formed from waste cellulosic material in a pulping stage, passing the cellulosic suspension to a separation stage in which particles of ink and/or synthetic hydrophobic resinuous materials are separated from the cellulosic suspension, and optionally subjecting the cellulosic suspension to a washing stage and/or thickening stage to provide a treated pulp, in which process water from the separation stage and/or washing and/or thickening stages is clarified in a clarification stage in which suspended solids, comprising synthetic hydrophobic resinous particles are removed, and the clarified water is fed to the pulping stage in a clarification loop and/or combined with the treated pulp, wherein a water soluble cationic polymer is added to the process water at or prior to the clarification stage, characterised in that the water soluble cationic polymer formed from a monomer blend comprising, a first water soluble cationic monomer selected from the group consisting of diallyl dialkyl ammonium halide, dialkylaminoalkyl (meth)acrylamide and dialkylaminoalkyl (meth)acrylate, including quaternary ammonium salts and acid addition salts thereof, and a second water soluble cationic monomer comprising a hydrophobic moiety.