

Title (en)
HYDROPHILIC DISPERSION POLYMERS OF DIALLYLDIMETHYL AMMONIUM CHLORIDE AND ACRYLAMIDE FOR THE CLARIFICATION OF DEINKING PROCESS WATERS

Title (de)
HYDROPHILE DISPERGIER-POLYMERE AUS DIALLYLDIMETHYL-AMMONIUMCHLORID UND ACRYLAMID FÜR KLÄRUNGS- UND ENTFÄRBUNGSPROZESS-WÄSSER

Title (fr)
DISPERSION HYDROPHILE DE POLYMERE DE CHLORURE DE DIALLYLDIMETHYLAMMONIUM ET D'ACRYLAMIDE POUR CLARIFIER DES EAUX CHARGEES D'ENCRE

Publication
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Application
EP 98960685 A 19981203

Priority
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Abstract (en)
[origin: CA2351855A1] The invention comprises a method for clarifying ink-laden water obtained from the recycling of paper stocks by treating said water with a hydrophilic dispersion polymer. The hydrophilic dispersion polymer of the invention is a copolymer of a diallyl N,N-disubstituted ammonium halide cationic monomer and (meth)acrylamide (AcAm). Following dosing with the polymer, a floc is formed. The floc contains ink and impurities which are removed from the water process stream by means of solid liquid separation; the solid liquid separation comprising a dissolved air flotation method. A preferred copolymer is formed from DADMAC and AcAm.

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IPC 8 full level
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