

Title (en)
PAPERMAKING PROCESS UTILIZING HYDROPHILIC DISPERSION POLYMERS OF DIALLYLDIMETHYL AMMONIUM CHLORIDE AND ACRYLAMIDE AS RETENTION AND DRAINAGE AIDS

Title (de)
VERFAHREN ZUR PAPIERHERSTELLUNG MITTELS RETENTIONS- UND ENTWÄSSERUNGSHILFSMITTELS

Title (fr)
PROCEDE DE FABRICATION DE PAPIER UTILISANT DES POLYMERES A DISPERSION HYDROPHILE DE CHLORURE D'AMMONIUM DIALLYLDIMETHYLE ET D'ACRYLAMIDE COMME AUXILIAIRES DE RETENTION ET D'EGOUTTAGE

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Application
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Priority
US 9900869 W 19990115

Abstract (en)
[origin: WO0042253A1] A method for improving retention and drainage performance in a papermaking process is disclosed. The method comprises forming an aqueous cellulosic papermaking slurry, adding an effective amount of a hydrophilic dispersion polymer to the slurry, draining the slurry to form a sheet and drying the sheet. The hydrophilic dispersion polymer is preferably a copolymer of diallyldimethyl ammonium chloride and acrylamide.

IPC 1-7
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IPC 8 full level
D21H 21/10 (2006.01); **D21H 17/29** (2006.01); **D21H 17/37** (2006.01); **D21H 17/45** (2006.01); **D21H 17/66** (2006.01)

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Citation (search report)

- [X] US 5266164 A 19931130 - NOVAK ROBERT W [US], et al
- [X] CA 2102742 A1 19940511 - NALCO CHEMICAL CO [US]
- [X] EP 0760406 A2 19970305 - NALCO CANADA INC [CA]
- See references of WO 0042253A1

Designated contracting state (EPC)
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