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(54) **Hydrophilic dispersion polymers for paper applications**

(57) A papermaking process comprising forming an aqueous cellulosic papermaking slurry and adding a hydrophilic dispersion polymer to the slurry to increase retention and/or drainage is disclosed. The hydrophilic dispersion polymer comprises (a) a cationic monomer and (b) a second monomer represented by (meth)acrylamide (in an aqueous solution of a polyvalent anionic salt), wherein the polymerization is carried out in the presence of either an organic high-molecular weight multivalent cation comprising a water-soluble polymer containing at least one (a) monomer and/or poly diallyl dimethyl ammonium chloride (DADMAC). After addition of the polymers, the slurry is drained to form a sheet, and the sheet is dried.

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EUROPEAN SEARCH REPORT

Application Number
EP 97 11 6538

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			D21H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 9 November 1999	Examiner Bernardo Noriega, F
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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