

Title (en)
PROCESS TO ENHANCING DRY STRENGTH OF PAPER BY TREATMENT WITH VINYLAMINE-CONTAINING POLYMERS AND ACRYLAMIDE CONTAINING POLYMERS

Title (de)
VERFAHREN ZUR ERHÖHUNG DER PAPIERFESTIGKEIT DURCH BEHANDLUNG MIT VINYLAMINHALTIGEN POLYMEREN UND ACRYLAMIDHALTIGEN POLYMEREN

Title (fr)
PROCÉDÉ POUR AMÉLIORER LA RÉSISTANCE À L'ÉTAT SEC DU PAPIER, PAR TRAITEMENT PAR DES POLYMÈRES CONTENANT DE LA VINYLAMINE ET DES POLYMÈRES CONTENANT DE L'ACRYLAMIDE

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Application
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Abstract (en)
[origin: US2011155339A1] A process is disclosed for the production of paper with enhanced dry strength comprising adding to the wet end of a paper machine, (a) a vinylamine-containing aqueous solution polymer having a molecular weight of from 75,000 daltons to 750,000 daltons and (b) an amphoteric or cationic acrylamide-containing aqueous solution polymer having a molecular weight of from 75,000 daltons to 1,500,000 daltons, wherein the sum of the anionic and cationic monomers comprises at least 5% on a molar basis of the composition of the acrylamide-containing polymer.

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