

Title (en)

COMPOSITIONS FOR IMPARTING TEMPORARY WET STRENGTH TO PAPER

Publication

EP 0133699 A3 19850403 (EN)

Application

EP 84109360 A 19840807

Priority

US 52391283 A 19830816

Abstract (en)

[origin: EP0133699A2] A composition for imparting temporary wet strength to paper comprising a solution containing from about one percent to about ten percent by weight of a vinylamide polymer having sufficient glyoxal-reactive amide substituents and -CHOHCHO substituents to be thermosetting, in a solvent selected from the group consisting of water, water-miscible solvents containing free hydroxyl functionality, and mixtures thereof, to which solution has been added a sufficient quantity of a strong base for reaction therewith to adjust the pH of the aqueous solution to a value of from about 8.5 to about 11. Also disclosed is a process for imparting temporary wet strength to paper by application thereto of a wet strengtheningly effective amount of such aqueous composition, and the paper product of such process.

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D21H 3/38

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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