

Title (en)

Compositions for imparting temporary wet strength to paper.

Title (de)

Zusammensetzungen zur Ausrüstung von Papier mit zeitweiliger Nassstärke.

Title (fr)

Compositions pour pourvoir du papier d'une résistance temporaire à l'état humide.

Publication

EP 0133699 A2 19850306 (EN)

Application

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Priority

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Abstract (en)

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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Cited by

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