

Title (en)

PAPER COATING OR BINDING FORMULATIONS AND METHODS OF MAKING AND USING SAME

Title (de)

PAPIERSTREICH- ODER BINDEMITTELFORMULIERUNG, IHRE HERSTELLUNG UND VERWENDUNG

Title (fr)

FORMULATIONS DE REVÊTEMENT OU DE LIAISON DE PAPIER ET PROCÉDÉS DE FABRICATION ET D'UTILISATION DE CELLES-CI

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009123637A1] A paper coating or binding formulation comprises an aqueous polymer dispersion comprising a copolymer obtained by polymerization of an unsaturated monomer and a carbohydrate derived compound and a tetrasulfonate-based fluorescent whitening agent. The carbohydrate derived compound can be selected from the group consisting of dextrans, maltodextrins, and mixtures thereof. Methods of preparing a paper coating or binding formulation and improving the whitening properties of paper are also provided. Furthermore, paper including a copolymer obtained by polymerization of an unsaturated monomer and a carbohydrate derived compound and a tetrasulfonate-based fluorescent whitening agent is also disclosed.

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