

Title (en)

THE USE OF MODIFIED STARCH PRODUCTS AS RETENTION AGENTS IN THE PRODUCTION OF PAPER

Title (de)

VERWENDUNG VON MODIFIZIERTEN STÄRKEPRODUKTEN ALS RETENTIONSMITTEL BEI DER PAPIERHERSTELLUNG

Title (fr)

UTILISATION D'AMIDONS MODIFIES EN TANT QU'AGENTS DE RETENTION DANS LA FABRICATION DE PAPIER

Publication

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Application

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Abstract (en)

[origin: WO0004229A1] The invention relates to the use of modified starches as retention agents for pigments, inorganic fillers and fines in the production of paper. Said modified starches are obtained by decomposing starch, starch derivatives and/or breakdown products thereof in aqueous solution in the presence of at least one cationic polymer made up of at least 20 wt. % polymerised, protonised or quarternised dialkylaminoalkyl(meth)acrylic acid amide units and at least one inorganic mineral substance.

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