

Title (en)

SUBSTITUTES FOR MODIFIED STARCH IN PAPER MANUFACTURE

Title (de)

ERSATZMATERIAL FÜR MODIFIZIERTE STÄRKE IN DER PAPIERHERSTELLUNG

Title (fr)

SUBSTITUTS DE L'AMIDON MODIFIE UTILISES DANS LA FABRICATION DU PAPIER

Publication

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Application

EP 96921569 A 19960612

Priority

US 9610190 W 19960612

Abstract (en)

[origin: WO9747806A1] The present invention provides methods of making paper utilizing glucans, produced by glucosyltransferase B enzymes of the species *Streptococcus mutans*, instead of modified starches. The present glucans are functionally similar to the hydroxyethyl modified starch and are particularly useful in the sizing and coating steps of paper manufacture. The present glucans also exhibit thermoplastic properties and impart gloss to the paper during the coating step.

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IPC 8 full level

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