

Title (en)

A PAPER SUBSTRATE COMPRISING VINYL ALCOHOL OLIGOMERS MODIFIED TO CONTAIN CATENATED CARBON STRUCTURES WITH FUNCTIONAL VINYL GROUPS

Title (de)

PAPIERSUBSTRAT MIT VINYLALKOHOL-OLIGOMEREN, DIE ZUM ENTHALTEN VON VERKETTETEN KOHLENSTOFFSTRUKTUREN MIT FUNKTIONELLEN VINYLGRUPPEN MODIFIZIERT SIND

Title (fr)

SUBSTRAT DE PAPIER COMPRENANT DES OLIGOMÈRES D'ALCOOL VINYLIQUE MODIFIÉS POUR CONTENIR DES STRUCTURES DE CARBONE CATÉNÉ AVEC DES GROUPES VINyliques FONCTIONNELS

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Application

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Priority

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Abstract (en)

The invention relates to a method for manufacturing a paper substrate suitable for binding silicone in a catalytic hydrosilation reaction and products thereof, wherein the paper substrate contains an acetal compound that contains catenated carbon structures with functional vinyl groups, wherein the acetal compound is based on oligomeric vinyl alcohol. The oligomeric vinyl alcohol may be used to adjust the rheology of an aqueous solution such that an aldehyde that contains a functional vinyl group and a catenated carbon structure of at least 4 carbon atoms may be grafted with high efficiency.

IPC 8 full level

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Citation (applicant)

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