Title (en)

A METHOD FOR MANUFACTURING A PAPER SUBSTRATE SUITABLE FOR A RELEASE LINER WITH HIGH CONTENT OF FUNCTIONAL VINYL GROUPS, AND PRODUCTS AND USES THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PAPIERSUBSTRATS, DAS FÜR EINE TRENNSCHICHT MIT HOHEM GEHALT AN FUNKTIONELLEN VINYLGRUPPEN GEEIGNET IST, SOWIE PRODUKTE UND VERWENDUNGEN DAVON

Title (fr)

PROCÉDÉ DE FABRICATION D'UN SUBSTRAT DE PAPIER APPROPRIÉ POUR UNE DOUBLURE DÉTACHABLE À TENEUR ÉLEVÉE EN GROUPES VINYLIQUES FONCTIONNELS ET PRODUITS ET UTILISATIONS ASSOCIÉS

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Application

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Priority

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Abstract (en)

[origin: EP3636832A1] The invention relates to a method for manufacturing a paper substrate and product thereof which is suitable for binding silicone in a catalytic hydrosilation reaction, the paper substrate comprising a cellulose fiber-based paper and a polymeric primer layer, wherein the polymeric primer layer comprises a polymer that contains functional vinyl groups in an amount of equal to or higher than 0.5 millimoles per gram of the polymer, such that the surface of the polymeric primer layer is hydrophobic. Advantageously, high-vinyl content polybutadiene obtainable from 1,2-addition polymerization reaction of 1,3-butadiene may be used in the polymeric primer layer.

IPC 8 full level

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