

Title (en)

METHOD FOR PRODUCING HOT MELT ADHESIVES CONTAINING SILANE GROUPS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SILANGRUPPEN-HALTIGEN HEISSSCHMELZKLEBSTOFFEN

Title (fr)

PROCÉDÉ DE PRÉPARATION DE COLLES THERMOFUSIBLES CONTENANT DES GROUPES SILANE

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Application

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Abstract (en)

[origin: WO2014187508A1] The invention relates to a method for producing a hot melt adhesive containing silane groups, in which at least one polyurethane polymer which contains isocyanate groups and is solid at room temperature is reacted with at least one hydroxysilane that is devoid of urea and thiourethane groups. The hot melt adhesive containing silane groups obtained from said method allows a low hazard classification, has a good degree of thermal resistance when melted such that, even upon application under prolonged heating, it does not tend towards premature thickening, releases no unpleasant odours, and crosslinks at room temperature without bubbles under the influence of moisture, resulting in an optically and mechanically high-quality and resistant adhesive connection.

IPC 8 full level

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