

Title (en)

METHOD FOR PREPARING A CROSS-LINKABLE COMPOSITION

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VERNETZBAREN ZUSAMMENSETZUNG

Title (fr)

PROCEDE DE PREPARATION DE COMPOSITION RETICULABLE

Publication

EP 3947499 A1 20220209 (FR)

Application

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Abstract (en)

[origin: WO2020201364A1] The present invention relates to a method for preparing a cross-linkable composition comprising at least one silylated polymer P with alkoxy silane end groups and at least one catalytic system B, the method comprising the following steps: - a) preparing a silylated polymer P with alkoxy silane end groups comprising: - a-1) the polyaddition reaction between a composition of polyol(s) and a composition of polyisocyanate(s) in the presence of a catalyst A selected from the bismuth and/or zinc-based carboxylates in order to prepare a polymer with NCO end groups; - a-2) the reaction of the polymer with NCO end groups obtained in step a-1) with an organosilane compound having at least one reactive function with the -NCO function of the polymer with NCO end groups; - b) placing the silylated polymer P obtained in step a) in contact with a catalytic cross-linking system B which is a mixture of zinc-based carboxylate(s) and cyclic amidine, the method being carried out without any tin-based catalyst.

IPC 8 full level

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See references of WO 2020201364A1

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