

Title (en)

ISOCYANATE-FREE CHAIN EXTENSION AND CROSSLINKING BY MEANS OF FUNCTIONAL SILANES

Title (de)

ISOCYANATFREIE KETTENVERLÄNGERUNG UND VERNETZUNG MITTELS FUNKTIONELLER SILANE

Title (fr)

EXTENSION DE CHAÎNE SANS ISOCYANATE ET RÉTICULATION AU MOYEN DE SILANES FONCTIONNELS

Publication

**EP 3976691 A1 20220406 (DE)**

Application

**EP 21716452 A 20210407**

Priority

- EP 20168560 A 20200407
- EP 2021059056 W 20210407

Abstract (en)

[origin: WO2021204874A1] The invention relates to: a method for preparing polymeric organosilane-containing compounds by reacting isocyanate-reactive compounds (P) with a specific silane compound (S); the polymer compounds that can be obtained using said method; and the use of said polymer compounds in the preparation of unfoamed polymers, of flexible foams and/or two-component (2K) systems, as well as the use of said polymer compounds in the CASE sector (coatings, adhesives, sealants, and elastomers), furniture, mattresses, car seats, sealing or acoustic materials, for insulating district heating pipes, tanks and pipelines, as well as for producing all kinds of cooling devices.

IPC 8 full level

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