

Title (en)  
SILANE-TERMINATED POLYMERS

Title (de)  
SILANTERMINIERTE POLYMERE

Title (fr)  
POLYMÈRES À TERMINAISON SILANE

Publication  
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Application  
**EP 22703327 A 20220128**

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Abstract (en)  
[origin: WO2022162106A1] The present invention relates to a process for preparing a storage-stable silane-terminated polymer of formula (I) or (II) where D is a linear or branched hydrocarbon group having 1 to 20 hydrocarbon atoms and may optionally be interrupted by heteroatoms selected from the group consisting of oxygen, nitrogen and sulfur, A is a polymer backbone selected from the group consisting of a polycarbonate, a polyester, a copolymer comprising a polyester and/or a polycarbonate and a copolymer comprising at least one ester group and/or carbonate group, R1, R1', R2 and R2' independently of one another are each a linear, branched or cyclic hydrocarbon radical having 1 to 10 carbon atoms and may optionally comprise one or more heteroatoms selected from the group consisting of oxygen, sulfur and nitrogen, n is 1, 2 or 3, x and y are natural numbers between 1 and 10, G is a linear or branched hydrocarbon group having 1 to 20 hydrocarbon atoms and may optionally be interrupted by heteroatoms selected from the group consisting of oxygen, nitrogen and sulfur, F is a linear, branched or cyclic organic radical containing no isocyanate-reactive groups, m is a natural number greater than 1, E is a reactive group reacting with the isocyanate group and selected from the group consisting of NH2, NHR4 and SH, where R4 a linear, branched or cyclic hydrocarbon radical having 1 to 10 carbon atoms and may optionally comprise one or more heteroatoms selected from the group consisting of oxygen, sulfur and nitrogen.

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