

Title (en)

Preparation of isocyanate-substituted allophanates and their use for the preparation of lacquers.

Title (de)

Verfahren zur Herstellung von Isocyanatgruppen aufweisenden Allophanaten und ihre Verwendung zur Herstellung von Lackierungen.

Title (fr)

Procédé de préparation d'allophanates substitués par des groupements isocyanates et utilisation des allophanates pour la fabrication de vernis.

Publication

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Application

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Abstract (en)

[origin: ES471337A1] The present invention relates to a process for the preparation of allophanates containing aliphatically and/or cycloaliphatically bound isocyanate groups by the reaction of organic compounds containing urethane groups with organic polyisocyanates containing aliphatically and/or cycloaliphatically bound isocyanate groups, characterized in that the reaction is carried out in the presence of strong acids which form a mixed carbamic acid anhydride with aliphatic or cycloaliphatic isocyanates. The present invention also relates to the allophanates produced therefrom.

Abstract (de)

Verfahren zur Herstellung von Isocyanatgruppen aufweisenden Allophanaten durch Umsetzung von Urethangruppen aufweisenden organischen Verbindungen mit organischen Polyisocyanaten mit aliphatisch und/oder cycloaliphatisch gebundenen Isocyanatgruppen, in Gegenwart von starken, mit aliphatischen bzw. cycloaliphatischen Isocyanaten ein gemischtes Carbamidsäureanhydrid bildenden Säuren durchführt. Die Allophanatpolyisocyanate können zur Herstellung Polyurethan-Schaumstoffen, Elastomere, Duromeren, Beschichtungen, Verklebungen und Lackierungen eingesetzt werden.

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