

Title (en)

Process for the preparation of polyurethane resins.

Title (de)

Verfahren zur Herstellung von Polyurethankunststoffen.

Title (fr)

Procédé de préparation de résines de polyuréthanes.

Publication

EP 0000389 A1 19790124 (DE)

Application

EP 78100346 A 19780711

Priority

DE 2732292 A 19770716

Abstract (en)

[origin: US4248930A] A process is disclosed for producing polyurethane resins using novel catalysts selected from the group consisting of a process for the production of cellular or non-cellular polyurethane resins comprising reacting: (a) polyisocyanates; with (b) compounds having at least 2 isocyanate reactive hydrogen atoms; in the presence of (c) tertiary amines as catalysts; optionally with the addition of (d) blowing agents, stabilizers and other known additives; characterized in that the substances used as component (c) comprise compounds selected from the group consisting of <IMAGE> (1) <IMAGE> (2) <IMAGE> (3) <IMAGE> (4) and mixtures thereof in which formulae: the symbols R may be the same or different and represent straight or branched-chain alkyl groups having from 1 to 4 carbon atoms; the symbols n may be the same or different and represent 2 or 3; the symbols m may be the same or different and represent 2 or 3; and k represents an integer of from 1 to 5. The process may also be carried out in the presence of other tertiary amine catalysts, particularly compounds containing one tertiary nitrogen atom and at least one amide group. The novel catalysts of the invention function as age-resistors and light-protective agents.

Abstract (de)

Verfahren zur Herstellung von gegebenenfalls zellförmigen Polyurethankunststoffen durch Umsetzung von a) Polyisocyanaten mit b) Verbindungen mit mindestens 2 gegenüber Isocyanaten reaktionsfähigen Wasserstoffatomen, in Gegenwart von c) tertiären Aminen als Katalysatoren, gegebenenfalls unter Mitverwendung von d) Treibmitteln, Stabilisatoren und weiteren an sich bekannten Zusatzstoffen, dadurch gekennzeichnet, dass als Katalysatoren, gegebenenfalls im Gemisch mit an sich bekannten tertiären Aminkatalysatoren, Verbindungen eingesetzt werden, welche neben mindestens 2 tertiären Stickstoffatomen mindestens ein primäres oder sekundäres Stickstoffatom enthalten.

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Citation (search report)

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