

Title (en)

LINEAR POLYURETHANE ELASTOMER COMPOSITIONS AND USE OF MODIFIED DIISOCYANATES FOR PREPARING SAME

Publication

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Application

EP 90905858 A 19900319

Priority

- US 32618389 A 19890320
- US 32686589 A 19890320

Abstract (en)

[origin: WO9011309A1] Linear polyurethane elastomers of a polyol component, at least two extender components, and a diisocyanate compound are prepared by reacting the diisocyanate compound with one of the extender components to form a modified diisocyanate component having a functionality of about 2 prior to reacting this modified component with the other components of the elastomer. A preferred polyol component includes a mixture of a polycarbonate polyol and a polyether polyol. These new elastomers possess a unique combination of hydrolytic stability, tougheners, and flexibility and can be processed at lower temperatures compared to elastomers prepared from similar compositions wherein the isocyanate compound is not modified.

IPC 1-7

C08G 18/10; **C08G 18/44**; **C08G 18/48**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] DE 2523987 A1 19760102 - STASSFURT VEB CHEMIEANLAGENBAU
- [X] WORLD PATENTS INDEX LATEST Week 8733, Derwent Publications Ltd., London, GB; AN 87-233021 & JP-A-62 158 712 (TOYO RUBBER) 14 July 1987
- See references of WO 9011309A1

Designated contracting state (EPC)

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