

Title (en)
LOW-DAMPING POLYURETHANE ELASTOMER

Title (de)
POLYURETHANELASTOMER MIT NIEDRIGER DÄMPFUNG

Title (fr)
ÉLASTOMÈRE DE POLURÉTHANE À FAIBLE AMORTISSEMENT

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Application
EP 17804121 A 20171114

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Abstract (en)
[origin: WO2018087385A1] The present invention relates to a method for producing a polyurethane elastomer, comprising the reaction of at least one isocyanate composition (ZI) with a polyol composition (ZP) which contains a poly-e-caprolactone polyol and an a-hydro-ω-hydroxypoly(oxytetramethylene) polyol, thereby obtaining a isocyanate-group-containing prepolymer, and the reaction of the prepolymer obtained in step (i) with at least one chain extender (KV). The present invention further relates to a polyurethane elastomer obtainable or obtained according to a method according to the invention and to the use of a polyurethane according to the invention or of a polyurethane elastomer obtainable or obtained according to a method according to the invention for producing a molded article, especially a damping element, shock absorber or buffer stop or of a part of a shoe or a shoe sole, for example an insole or midsole.

IPC 8 full level
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Citation (search report)
See references of WO 2018087385A1

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