

Title (en)
ISOCYANATE-BASED ELASTOMER AND PROCESS FOR PRODUCTION THEREOF.

Title (de)
AUF ISOCYANAT BASIERTES ELASTOMER SOWIE VERFAHREN ZU DESSEN HERSTELLUNG.

Title (fr)
ELASTOMERE A BASE D'ISOCYANATE ET PROCEDE POUR SA PREPARATION.

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Abstract (en)
[origin: WO9417118A1] An isocyanate-based elastomer containing a filler material, the filler material being present at a level in the range of from about 30 % to about 90 % by weight of the elastomer and having a specific gravity of less than about 2.0. A process for producing the isocyanate-based elastomer is also disclosed. The process comprises the steps of: providing a first mixture comprising a catalyst and a filler material, the filler material being surface wetted by the catalyst; providing a second mixture comprising an isocyanate and an active hydrogen-containing compound, the isocyanate and the active hydrogen-containing compound being in a substantially unreacted state; mixing the first mixture and the second mixture to provide a reaction mixture; allowing the reaction mixture to react to produce the isocyanate-based elastomer.

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