

Title (en)

PRODUCTION OF PU FOAMS USING RECYCLED POLYOLS

Title (de)

HERSTELLUNG VON PU-SCHAUMSTOFFEN UNTER EINSATZ VON RECYCLING-POLYOLEN

Title (fr)

PRODUCTION DE MOUSSES DE PU À L'AIDE DE POLYOLS RECYCLÉS

Publication

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Application

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Abstract (en)

[origin: WO2023275033A1] The invention relates to a method of producing PU foams by reacting (a) at least one polyol component that contains recycled polyol with (b) at least one isocyanate component in the presence of (c) one or more catalysts that catalyze the reactions of isocyanate-polyol and/or isocyanate-water and/or the isocyanate trimerization reaction, (d) at least one foam stabilizer and (e) optionally one or more chemical or physical blowing agents, and the recycled polyol contains 2,4-toluenediamine, 2,6-toluenediamine, 2,2'-diaminodiphenylmethane, 2,4'-diaminodiphenylmethane and/or 4,4'-diaminodiphenylmethane in a total amount of 0.00001% to 0.4% by weight, preferably 0.00002% to 0.2% by weight, especially preferred 0.00005% to 0.1% by weight relative to the total of recycled polyol.

IPC 8 full level

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