

Title (en)

METHOD FOR PRODUCING FLEXIBLE POLYURETHANE FOAMS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYURETHANWEICHSCHAUMSTOFFEN

Title (fr)

PROCÉDÉ DE FABRICATION DE MOUSSES SOUPLES DE POLYURÉTHANE

Publication

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Application

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Abstract (en)

[origin: WO2012069386A1] The invention relates to a method for producing polyricinoleic acid esters, comprising the step of reacting ricinoleic acid with an alcohol component which comprises monohydric and/or polyhydric alcohols having a molecular mass of = 32 g/mol to = 400 g/mol, wherein the reaction is carried out in the presence of a catalyst, at least in part. The catalyst quantity, relative to the total mass of ricinoleic acid and the alcohol component, ranges between = 10 ppm and = 100 ppm. The reaction is terminated when the acid number of the obtained reaction product has reached = 5 mg KOH/g to = 100 mg KOH/g. The invention further relates to a polyurethane polymer, in particular a flexible polyurethane foam, which can be obtained using said polyricinoleic acid esters.

IPC 8 full level

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Citation (search report)

See references of WO 2012069386A1

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