

Title (en)  
POLYURETHANE FOAMS BASED ON POLYETHER CARBONATE POLYOLS

Title (de)  
POLYURETHANSCHAUMSTOFFE BASIEREND AUF POLYETHERCARBONATPOLYOLEN

Title (fr)  
MOUSSES DE POLYURÉTHANE À BASE DE POLYÉTHERCARBONATE POLYOLS

Publication  
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Application  
**EP 19714227 A 20190404**

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Abstract (en)  
[origin: WO2019193101A1] The invention relates to a method for producing polyurethane foams by reacting the components: A) polyol component, containing: A1 40 to 100 parts by weight of polyether carbonate polyol having a hydroxyl value according to DIN 53240-1 (June 2013) of 20 mg KOH/g to 120 mg KOH/g; A2 0 to 60 parts by weight of polyether polyol having a hydroxyl value according to DIN 53240-1 (June 2013) of 20 mg KOH/g to 250 mg KOH/g and having an ethylene oxide content of 0 to 60 wt%, polyether polyol A2 being free of carbonate units; B) B1 catalyst and B2 optionally auxiliary agents and additives; C) water and/or physical blowing agents; with D) di- and/or polyisocyanates, the production occurring at an index of 90 to 120 and in the presence of a component K, characterized in that the component K contains a product of the reaction of alkoxylated phosphoric acid with 1,3-dicarbonyl compound or carboxylic acid anhydride and was optionally alkoxylated in at least one subsequent step, and the component K is used in an amount of 0.05 to 10.00 parts by weight, relative to the sum of the parts by weight of components A1 + A2 = 100 parts by weight.

IPC 8 full level  
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Citation (search report)  
See references of WO 2019193101A1

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