

Title (en)
METHOD OF PRODUCING POLYURETHANE FOAM

Title (de)
VERFAHREN ZUR HERSTELLUNG VON POLYURETHANSCHAUM

Title (fr)
PROCEDE DE PRODUCTION DE MOUSSE POLYURETHANNE

Publication
EP 0925317 A1 19990630 (EN)

Application
EP 97939231 A 19970909

Priority
• JP 9703169 W 19970909
• JP 23908196 A 19960910

Abstract (en)
[origin: WO9811148A1] A low-density semi-rigid polyurethane foam having excellent wear resistance, which is demolded in a short time, can be prepared by a method of producing a polyurethane foam having microcell and a density of 0.3 to 0.9/cm³ by a reaction injection molding process, from a polyisocyanate, and a polyol mixture containing a polyol, a catalyst, a blowing agent, and optionally a cross-linking agent, an internal mold release agent, a reinforcing agent and an other aid, characterized in that a trifunctional polyether polyol having an active hydrogen equivalent of 300 to 1,000 and an ethylene oxide content of 5 to 30 % by weight is contained in an amount of at least 40 % by weight based on the polyether polyol, and the polyether polyol has an average active hydrogen equivalent of 500 to 1,200 and a viscosity of 200 to 800 mPa.s/25 DEG C.

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C08G 18/66; **C08G 18/79**

IPC 8 full level
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Citation (search report)
See references of WO 9811148A1

Cited by
EP2859997A1; US10786884B2; US11383352B2

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