

Title (en)
PROCESS FOR PRODUCING POLYURETHANES EXHIBITING LOW BLOOMING EFFECTS AND GOOD LOW-TEMPERATURE FLEXIBILITY ON THE BASIS OF URETHANE-CONTAINING POLYMERIC HYDROXYL COMPOUNDS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON POLYURETHANEN MIT GERINGEN AUSBLÜHEFFEKTEN UND GUTER KÄLTEFLEXIBILITÄT AUF BASIS VON URETHAN-HALTIGEN POLYMEREN HYDROXYL-VERBINDUNGEN

Title (fr)
PROCÉDÉ DE PRÉPARATION DE POLYURÉTHANES PRÉSENTANT DE FAIBLES EFFETS D'EXSUDATION ET UNE BONNE SOUPLESSE À FROID, À BASE DE COMPOSÉS HYDROXYLÉS POLYMÈRES CONTENANT UN URÉTHANE

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Application
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Abstract (en)
[origin: WO2018172355A1] The present invention relates to a process for producing a polyurethane comprising the reaction of a polyol composition (PZ) containing a polyol (P1) with a polyisocyanate composition (PIZ-1) containing a polyisocyanate (I1) to obtain a hydroxy-terminated prepolymer (PP1) and the reaction of the prepolymer (PP1) obtained with a polyisocyanate composition (PIZ-2) containing a polyisocyanate (I2) and at least one chain extender (K1) to obtain a polyurethane (PU1), wherein, in the reaction as per step (i), the molar ratio of the OH-groups of the components of the polyol composition (PZ) to the isocyanate groups of the components of the polyisocyanate composition (PIZ-1) is within the range from 1.3:1 to 10:1. The present invention further relates to polyurethanes obtainable or obtained according to such a process and to the use of the polyurethanes for producing molded articles, adhesives, coatings, hoses, films, nonwoven articles or fibers.

IPC 8 full level
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