

Title (en)
POLYMERS OF [4-(METHYLETHER)-1,3-DIOXOLANE-2-ONE OF POLYETHER POLYOL]

Title (de)
POLYMERE VON [4-(METHYLETHER)-1,3-DIOXOLAN-2-ON VON POLYETHERPOLYOL]

Title (fr)
POLYMÈRES DE [4-(MÉTHYLÉTHER)-1,3-DIOXOLANE-2-ONE DE POLYÉTHER POLYOL]

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Application
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Abstract (en)
[origin: WO2014068251A1] The invention relates to a polymer having formula (I), wherein: R is a hydrogen or an alkyl having between 1 and 4 carbon atoms; m is a number between 1 and 6; B is a monovalent, divalent, trivalent, tetravalent, pentavalent or hexavalent radical comprising between 1 and 44 carbon atoms per molecule; and n is such that the number-average molar mass M_n of the polymer of formula (I) is between 4000 and 18000 g/mol, and the polymolecularity (Pd) thereof is in a range of 1.0 to 1.4. The invention relates to a method for the production of the polymer having formula (I). The invention also relates to a method for the production of polyurethanes, comprising the reaction of a polymer having formula (I) with a compound containing an amino group, as well as polyurethanes that can be obtained in this manner.

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