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(54) Title: PROCESS FOR PREPARING POLYMER POLYOLS

(57) Abstract: The invention relates to a process for the preparation of a polymer polyol which is at most 60 wt.%, which process comprises mixing a base polyol, one or more ethylenically unsaturated monomers, a polymerization initiator, optionally a macromer, and optionally a chain transfer agent, and polymerizing the mixture thus obtained at a temperature of 50 to 200°C, optionally below 120 C, wherein the initiator is of formula $R_1-C(=O)-O-O-R_2$ (I) wherein R_1 is an alkyl group and R_2 is an alkyl group of formula $-C(R_3)(R_4)-C(R_5)(R_6)(R_7)$ (II) wherein R_3 and R_4 are the same or different and are an alkyl group, R_5 , R_6 and R_7 are the same or different and are a hydrogen atom or an alkyl group.



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