

Title (en)

METHOD FOR THE ANIONIC POLYMERISATION OF MONOMERS IN ALPHA-METHYLSTYRENE

Title (de)

VERFAHREN ZUR ANIONISCHEN POLYMERISATION VON MONOMEREN IN ALPHA-METHYLSTYROL

Title (fr)

PROCEDE DE POLYMERISATION ANIONIQUE DE MONOMERES EN ALPHA-METHYLSTYRENE

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Application

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Abstract (en)

[origin: WO2005047353A1] The invention relates to a method for producing high-impact polystyrene from diene monomers and styrene monomers by anionic or anionic and radical polymerisation. Said method is characterised in that: a) a rubber solution is produced from the diene monomers, or from the diene monomers and the styrene monomers, by anionic polymerisation in the presence of a solvent and an initiator composition, said polymerisation taking place at a minimum temperature of 20 °C and alpha-methylstyrene being used as the only solvent; and b) a styrene monomer is added to said rubber solution and the obtained blend is anionically or radically polymerised in the presence of an initiator composition to form high-impact polystyrene.

IPC 8 full level

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