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(54) Title: PROCESS FOR THE POLYMERIZATION OF STYRENE

(57) Abstract: A process for the suspension polymerization of styrene monomer to produce polystyrene comprising the steps of (a) heating a polymerization suspension comprising the styrene monomer to a temperature of at least 60°C, (b) dosing an initiator to said heated polymerization suspension during the polymerization reaction over a period of more than 90 minutes to less than 5 hours, in a continuous manner or intermittently in at least 2 portions, said period starting at a monomer conversion of 65% of less and said initiator having a half-life at the temperature at which it is dosed of not more than 60 minutes, wherein a brominated flame retardant is present in the polymerization suspension during the polymerization reaction.



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