

Title (en)

METHOD FOR SHORTSTOPPING POLYMERIZATION PROCESSES IN THE MANUFACTURE OF SYNTHETIC RUBBERS

Title (de)

VERFAHREN ZUM STOPPEN VON POLYMERISATIONSVERFAHREN BEI DER HERSTELLUNG VON SYNTHESKAUTSCHUK

Title (fr)

PROCEDE D'INTERRUPTION DE PROCESSUS DE POLYMERISATION DANS LA FABRICATION DE CAOUTCHOUCS SYNTHETIQUES

Publication

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Application

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Abstract (en)

[origin: WO0238617A1] This invention is related to a new shortstopping combination for use in stopping free radical and redox initiated polymerization is the combination of hydroxylamine (free base) (HA) and i-propylhydroxylamine (IPAH). It is more effective as related N-alcylated-hydroxylamines with regard to mooney stability. The combination is not corrosive to metals used in commercial equipment fr emulsion polymerization and prevents the rust formation and the formation of nitrosamins, coagulate and precipitate.

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