

Title (en)

HEAT-REVERSIBLE POLYMERS WITH NITROXIDE FUNCTIONS

Title (de)

THERMOREVERSIBLE POLYMERE MIT NITROXID-FUNKTIONALITÄT

Title (fr)

POLYMERES THERMOREVERSIBLES A FONCTIONS NITROXYDE

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Application

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Abstract (en)

[origin: WO0162804A1] The invention concerns a method for preparing resins branched or crosslinked by heat treatment with a polymer in the presence of a multinitroxide and optionally a free radical initiator, to obtain a resin exhibiting properties of heat reversibility. The initial polymer can be a rubber or a thermoplastic polymer. The resins obtained provide conditions for use similar to those of the initial polymers while exhibiting enhanced mechanical properties.

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