Title (en)
POLYNITRONS, AND USE THEREOF FOR CROSS-LINKING UNSATURATED POLYMERS

Title (de)
POLYNITRONE UND DEREN VERWENDUNG ZUR VERNETZUNG UNGESÄTTIGTER POLYMERE

Title (fr)
POLYNITRONS ET LEUR UTILISATION POUR LA RÉTICULATION DE POLYMÈRES INSATURÉS

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Application
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Abstract (en)
[origin: WO2009074310A1] The invention relates to polyfunctional nitrons (optionally in the form of nitron-terminated polymers) and the use thereof as a cross-linking and dulling agent, preferably for the production of stable molding materials and fillers, and the use thereof in paints, lacquers, and adhesives. The invention is characterized by low cross-linking temperatures. Using polyfunctional nitrons allows all unsaturated polymers to be cured, solidified, or structured at low temperatures, preferably without using a catalyst. The optical and mechanical properties of the painted surfaces can be greatly influenced in accordance with the amount of nitron-terminated polymers or low-molecular polyfunctional nitron used. The optical properties include, inter alia, the gloss of the lacquer systems and the surface structure, e.g. the dull effect.

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