

Title (en)

SULPHUR-CONTAINING CHAIN TRANSFER REAGENTS IN POLYURETHANE-BASED PHOTOPOLYMER FORMULATIONS

Title (de)

SCHWEFELHALTIGE KETTENÜBERTRAGUNGSREAGENZIEEN IN POLYURETHAN-BASIERTEN PHOTOPOLYMER-FORMULIERUNGEN

Title (fr)

RÉACTIFS DE TRANSFERT DE CHAÎNE SOUFRÉS DANS DES FORMULATIONS PHOTOPOLYMÈRES À BASE DE POLYURÉTHANE

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Abstract (en)

[origin: WO2013053771A1] The present invention relates to photopolymer formulations comprising: matrix polymers (A), obtainable by reacting at least one polyisocyanate component (a) and one isocyanate-reactive component (b); a writing monomer (B); a photoinitiator (C) a catalyst (D); and a sulphur-containing chain transfer reagent (E). A holographic medium that contains a photopolymer formulation according to the invention or can be obtained by using it, the use of a photopolymer formulation according to the invention for manufacturing holographic media, and a method for producing a holographic medium by using a photopolymer formulation according to the invention are also subject matter of the invention.

IPC 8 full level

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