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(54) Title: RADIATION-CROSSLINKING AND THERMALLY CROSSLINKING PU SYSTEMS COMPRISING IMINOXA-DIAZINEDIONE

(57) Abstract: The present invention relates to polyurethane compositions which cure by radiation and thermal action with crosslinking, and use thereof for the production of holographic media. The polyurethane compositions of the invention comprise A) one or more iminoxadiazinedione- group-containing polyisocyanates, B) one or more polyfunctional, isocyanate-reactive compounds, C) one or more compounds having groups which on exposure to actinic radiation with ethylenically unsaturated compounds with polymerization (radiation-curing groups), D) optionally one or more free radical stabilizers and E) one or more photoinitiators.

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