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(54) Title: **CROSSLINKABLE, PHOTOACTIVE POLYMERS AND THEIR USE**

(57) Abstract: Copolymers composed of (a) at least one monomer from the group of acrylates, methacrylates, acrylamides and methacrylamides, to each of which is bonded covalently, directly or via a bridging group, a photochemically isomerizable or dimerizable molecule, (b) at least one polyoxyalkyl ester or one polyoxyalkylamide of an ethylenically unsaturated mono- or dicarboxylic acid, or one polyoxyalkyl ether of an ethylenically unsaturated alcohol, and (c) optionally, other ethylenically unsaturated comonomers are outstandingly suitable as alignment layers for liquid crystals.



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