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(21) International Application Number: PCT/US00/06314 (22) International Filing Date: 10 March 2000 (10.03.00) (30) Priority Data: 09/268,430 12 March 1999 (12.03.99) US (71) Applicant: ARCH SPECIALTY CHEMICALS, INC. [US/US]; 501 Merritt 7, P.O. Box 4500, Norwalk, CT 06856-4500 (US). (72) Inventors: FOSTER, Patrick; 48 North Court Street, Providence, RI 02903 (US). SLATER, Sidney, George; 20 Teakwood Drive, Cumberland, RI 02864 (US). STEINHAUSLER, Thomas; 20 Teakwood Drive, Cumberland, RI 02864 (US). BLAKENEY, Andrew, J.; 30 Brookside Court, Seekonk, MA 02771 (US). BIAFORE, John, Joseph; 207 Lexington Avenue, Providence, RI 02907 (US). (74) Agent: GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 9th floor, One Landmark Square, Stamford, CT 06901-2682 (US).		(81) Designated States: JP, KR, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: HYDROXY-AMINO THERMALLY CURED UNDERCOAT FOR 193 NM LITHOGRAPHY (57) Abstract The present invention is directed to a thermally curable polymer composition, and a photolithographic substrate coated therewith, the composition comprising a hydroxyl-containing polymer, an amino cross-linking agent and a thermal acid generator. The thermally curable polymer composition may be dissolved in a solvent and used as an undercoat layer in deep UV lithography.		