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(21) International Application Number: PCT/EP97/05279 (22) International Filing Date: 26 September 1997 (26.09.97) (30) Priority Data: 08/724,126 30 September 1996 (30.09.96) US (71) Applicant: CLARIANT INTERNATIONAL LTD. [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz (CH). (72) Inventors: ① DING, Shuji; 9 Winthrop Drive, Somerville, NJ 08876 (US). ② CORSO, Anthony, J.; 34 Copper Penny Road, Flemington, NJ 08822 (US). ③ KHANNA, Dinesh, N.; 7 Sutton Farm Road, Flemington, NJ 08822 (US). ④ HANNIGAN, Timothy, T.; 45 East Craig Street, Basking Ridge, NJ 07920 (US). ⑤ EBERLY, Daniel, E.; 53 Radtke Road, Randolph, NJ 07869 (US). ⑥ LU, Ping-Hung; 473 Steeple Chase Lane, Bridgewater, NJ 08807 (US). (74) Agent: HÜTTER, Klaus; Clariant GmbH, Patente, Marken und Lizenzen, Building K 801, Room 2027, D-65926 Frankfurt am Main (DE).		(81) Designated States: CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: BOTTOM ANTIREFLECTIVE COATINGS CONTAINING AN ARYLHYDRAZO DYE (57) Abstract The present invention relates to a novel antireflective coating solution and a process for its use in photolithography. The antireflective coating solution comprises a polymer, a novel arylhydrazo dye and a solvent, where the novel arylhydrazo dye absorbs radiation from about 180 nm to about 450 nm.		