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(21) International Application Number: PCT/US98/17111 (22) International Filing Date: 18 August 1998 (18.08.98) (30) Priority Data: 08/923,508 4 September 1997 (04.09.97) US (71) Applicant: SIGNET ARMORLITE, INC. [US/US]; 1001 Armormlite Drive, San Marcos, CA 92069 (US). (72) Inventors: ENGARDIO, Thomas, J.; 1941 Cherrywood Street, Vista, CA 92083 (US). DALVIN, Philip, D.; 3975 Gloria Lane, Carlsbad, CA 92008 (US). (74) Agent: ANDERSON, Richard, H.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).		(81) Designated States: AU, BR, CN, JP, KR, MX, RU, 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: PRODUCTION OF PHOTOPOLYMERIZED POLYESTER HIGH INDEX OPHTHALMIC LENSES (57) Abstract Unsaturated polyester resin-based ophthalmic lens compositions that are modified for unexpected improvement in speed of manufacture while maintaining uniform, low optical distortion and/or improved tint speed by the addition to the polyester composition of at least one photoinitiator, preferably having at least some activity at a wavelength above about 380 nm so that a UV-absorbing compound can be included in the polyester lens composition, and the polyester resin composition is photocured to gelation in about 7 minutes or less, e.g., using a light intensity of least about 300 microwatts/cm ² , more preferably at least about 500 microwatts/cm ² , most preferably at least about 1,000 microwatts/cm ² .		