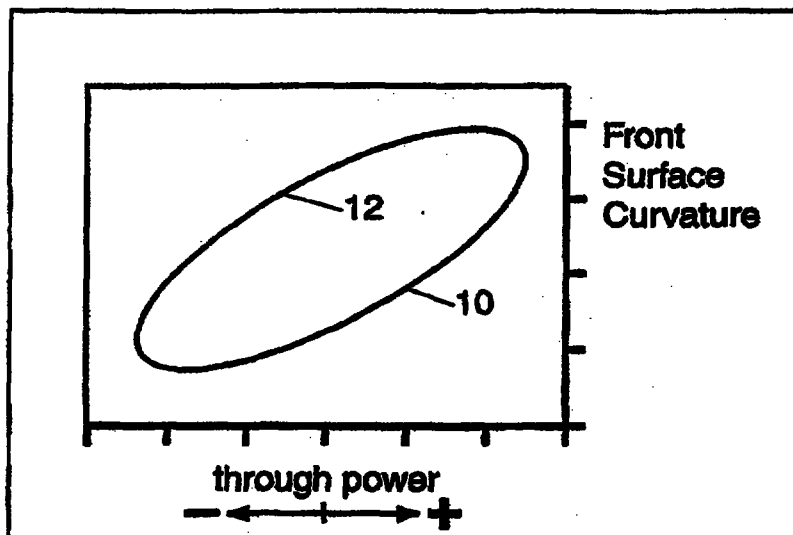




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G02C 7/02	A1	(11) International Publication Number: WO 00/04414 (43) International Publication Date: 27 January 2000 (27.01.00)
(21) International Application Number: PCT/AU99/00399 (22) International Filing Date: 26 May 1999 (26.05.99) (30) Priority Data: PP 4748 17 July 1998 (17.07.98) AU 09/223,006 30 December 1998 (30.12.98) US (71) Applicant (for all designated States except US): SOLA INTERNATIONAL HOLDINGS LTD [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): MORRIS, Michael, Alan [US/US]; 2227 Old Ranch Place, Santa Rosa, CA 95401 (US). PERROT, Colin, Maurice [AU/AU]; Flaxely Road, Mount Barker, S.A. 5251 (AU). EDWARDS, Simon, J. [AU/AU]; 43 Ninth Avenue, St. Peters, S.A. 5069 (AU). SPRATT, Ray, Steven [US/US]; 1848 Adobe Creek Drive, Petaluma, CA 94954 (US). (74) Agents: NOONAN, Greg et al.; Freehills Patent Attorneys, Level 47, 101 Collins Street, Melbourne, VIC 3000 (AU).	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KB, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>With amended claims and statement.</i>	

(54) Title: OPTICAL LENS



A "Tscherning" ellipse

(57) Abstract

A lens element adapted for mounting in eyewear, the lens element having a spherical surface with a radius of curvature less than about 35 mm, said lens element being adapted for positioning such that a center of curvature of the lens element is located at the centroid of rotation of the eye, wherein the lens element is sufficiently large to provide a field of view greater than 55° in the temporal direction from the forward line of sight.