



(51) International Patent Classification:
G02C 7/04 (2006.01)

(21) International Application Number:
PCT/GB2022/051024

(22) International Filing Date:
22 April 2022 (22.04.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/181,249 29 April 2021 (29.04.2021) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: LENS SETS FOR USE IN PREVENTING OR SLOWING THE DEVELOPMENT OR PROGRESSION OF MYOPIA AND RELATED METHODS

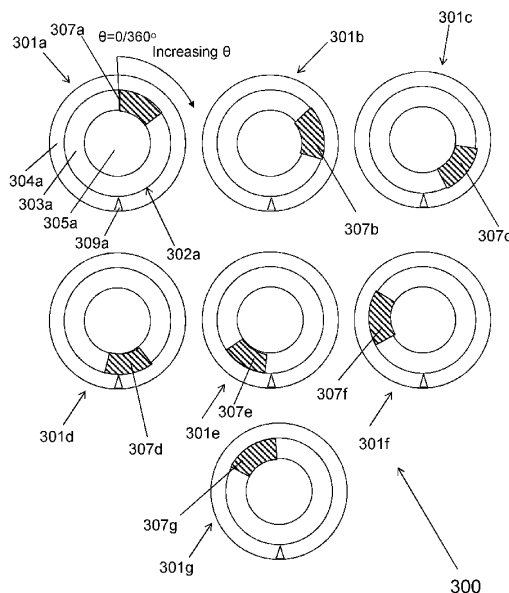


Fig. 6

(57) Abstract: A set of contact lenses (200) for use in preventing or slowing the development or progression of myopia, methods of manufacturing and using such lenses. Each lens (201a, 201b) includes an optic zone (202a, 202b) and a surrounding peripheral zone (204a, 204b) that has a varying thickness profile that is configured to control rotation of the lens (201a, 201b). The optic zone (202a, 202b) comprises a central region (205a, 205b) having a curvature providing a base power. An annular region (203a, 203b) circumferentially surrounds the central region (205a, 205b) and comprises a treatment zone (207a, 207b) having a characteristic that reduces the contrast of an image that is formed by light passing through the central region (205a, 205b) and the treatment zone (207a, 207b) compared to an image of an object that would be formed by light passing through only the central region (205a, 205b). The treatment zone (207a, 207b) is rotationally positioned, relative to the peripheral zone thickness profile, at a different angle about the optic axis in each lens (201a, 201b) in the set of lenses (200).

Published:

— with international search report (Art. 21(3))