

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
06 September 2019 (06.09.2019)



(10) International Publication Number
WO 2019/166657 A1

(51) International Patent Classification:

G02C 7/02 (2006.01) G02C 7/06 (2006.01)
G02B 3/00 (2006.01) G02C 7/08 (2006.01)

(21) International Application Number:

PCT/EP2019/055220

(22) International Filing Date:

01 March 2019 (01.03.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

18305216.6	01 March 2018 (01.03.2018)	EP
18305217.4	01 March 2018 (01.03.2018)	EP
18305384.2	30 March 2018 (30.03.2018)	EP
18305385.9	30 March 2018 (30.03.2018)	EP
18305435.2	11 April 2018 (11.04.2018)	EP
18305436.0	11 April 2018 (11.04.2018)	EP
18305526.8	26 April 2018 (26.04.2018)	EP
18305527.6	26 April 2018 (26.04.2018)	EP

(71) Applicant: **ESSILOR INTERNATIONAL** [FR/FR]; 147 rue de Paris, 94220 CHARENTON-LE-PONT (FR).

(72) Inventors: **GUILLOT, Matthieu**; C/O ESSILOR INTERNATIONAL, 147 rue de Paris, 94220 CHARENTON-LE-PONT (FR). **GUILLOUX, Cyril**; C/O ESSILOR INTER-

NATIONAL, 147 rue de Paris, 94220 CHARENTON-LE-PONT (FR).

(74) Agent: **CABINET NOVITECH**; 188 Grande rue Charles de Gaulle, 94130 Nogent-sur-Marne (FR).

(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, 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, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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 ELEMENT

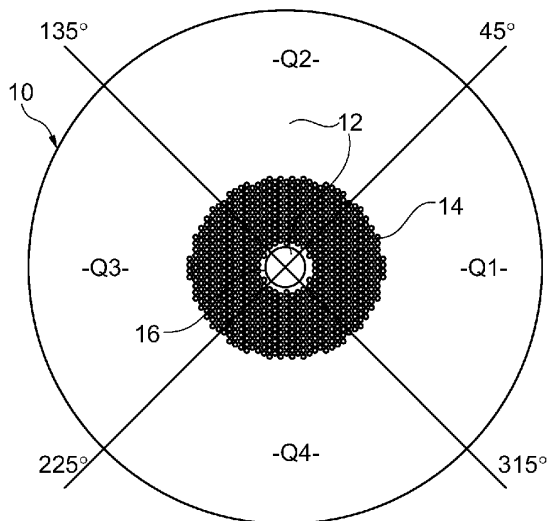


Fig. 1

(57) Abstract: A lens element intended to be worn in front of an eye of a person comprising: - a prescription portion having a first refractive power based on a prescription for correcting an abnormal refraction of said eye of the person and a second refractive power different from the first refractive power; - a plurality of at least three optical elements, at least one optical element having an optical function of not focusing an image on the retina of the eye so as to slow down the progression of the abnormal refraction of the eye.

WO 2019/166657 A1

[Continued on next page]

Published:

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