

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 December 2011 (29.12.2011)

PCT

(10) International Publication Number
WO 2011/163126 A1

(51) International Patent Classification:
A61L 27/16 (2006.01)

(21) International Application Number:
PCT/US2011/041070

(22) International Filing Date:
20 June 2011 (20.06.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/356,963 21 June 2010 (21.06.2010) US

(71) Applicant (for all designated States except US): **NO-VARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basal (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAREDO, Walter R.** [US/US]; 3901 Estancia Way, Fort Worth, Texas 76108 (US). **FREEMAN, Charles** [US/US]; 8809 Ravenswood, Granbury, Texas 76049 (US). **CALLAGHAN, Thomas A.** [US/US]; 6458 Ridglea Crest Drive, Fort Worth, Texas 76116 (US).

(74) Agents: **RYAN, Patrick M.** et al.; Alcon Research, Ltd., IP Legal TB4-8, 6201 South Freeway, Fort Worth, Texas 76134-2099 (US).

(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, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: HIGH REFRACTIVE INDEX, ACRYLIC OPHTHALMIC DEVICE MATERIALS WITH REDUCED GLISTENINGS

(57) Abstract: High refractive index copolymers with reduced glistenings are disclosed. The copolymers, which are particularly suitable for use as ophthalmic device materials, comprise a high molecular weight, reactive, linear polyethylene glycol component.



WO 2011/163126 A1