

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 May 2022 (12.05.2022)



(10) International Publication Number
WO 2022/097049 A1

(51) International Patent Classification:
B29D 11/00 (2006.01)

(21) International Application Number:
PCT/IB2021/060190

(22) International Filing Date:
03 November 2021 (03.11.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/109,577 04 November 2020 (04.11.2020) 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, 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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(54) Title: METHOD FOR MAKING PHOTOCROMIC CONTACT LENSES

(57) Abstract: Described herein is a method for producing photochromic contact lenses, in particular, photochromic silicone hydrogel contact lenses. The method comprises a step of cast molding of a lens-forming composition including a vinylic monomer having a primary amino or thiolactone group to form an unprocessed contact lens having the polymer matrix of which have pendant primary amino or thiolactone groups, a step of one-pot multistep reactions based on thiolactone chemistry (aminolysis and thiol-induced graft polymerization of a photochromic vinylic monomer to the polymer matrix) which are carried out only in its central region which is circular and concentric with the central axis of the unprocessed contact lens. The obtained photochromic contact lens has a central pupillary region that only can undergo a reversible color change upon exposure to UV/HEVL-radiation.



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