

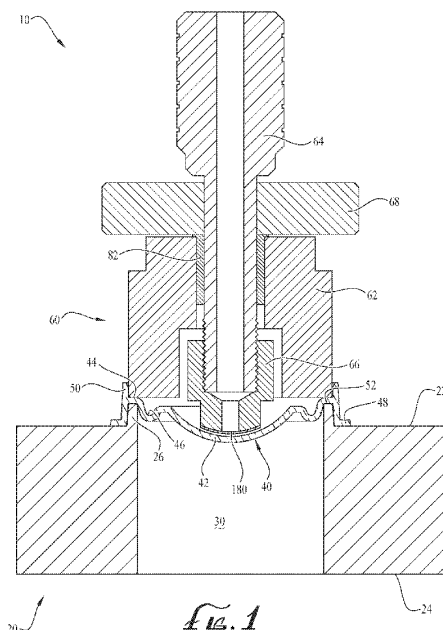


- (51) International Patent Classification:
B29D 11/00 (2006.01)
- (21) International Application Number:
PCT/IB2022/061485
- (22) International Filing Date:
28 November 2022 (28.11.2022)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
63/283,718 29 November 2021 (29.11.2021) 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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE,
KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU,
LY, MA, MD, 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, CV,
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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI,

- (54) Title: SYSTEMS AND METHODS FOR INSERT PLACEMENT TO FABRICATE HYBRID CONTACT LENSES



(57) Abstract: Systems, devices, and methods are disclosed for fabri-
cating a hybrid contact lens product having a lens insert embedded at a
precisely controlled location within a lens body. A mold engagement and
support base engages and retains a lens forming mold in a substantially
fixed position. An insert placement and positioning device includes an
insert pickup head with a contact face configured for releasable engage-
ment of the lens insert and at least one suction opening in the contact face
for applying suction to engage the insert on the contact face. A position-
ing housing interacts with the mold and/or the support base to provide
precise locational positioning of the lens insert within the mold. A lens
body forming material is delivered to the mold to encapsulate the lens
insert.

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))*