

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
08 August 2024 (08.08.2024)



(10) International Publication Number
WO 2024/161315 A3

(51) International Patent Classification:
A61M 25/06 (2006.01)

(21) International Application Number:
PCT/IB2024/050868

(22) International Filing Date:
31 January 2024 (31.01.2024)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
202311006443 01 February 2023 (01.02.2023) IN

(71) Applicant: **POLY MEDICURE LIMITED** [IN/IN]; Plot
No. 105, Sector 59, HSIIDC Industrial Area, Faridabad,
Haryana 121004 (IN).

(72) Inventors: **BAID, Rishi**; W-169, Greater Kailash II, New
Delhi 110048 (IN). **BAID, Arham**; W-169, Greater Kailash
II, New Delhi 110048 (IN).

(74) Agent: **PRATAP, Prabhakar Mani** et al.; VUTTS &
ASSOCIATES LLP, Advocates, No. 704, The Castle, Plot
36-A, Sector 56, Gurugram, Haryana, 122011 (IN).

(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, MU, 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,

(54) Title: NEEDLE GUARD

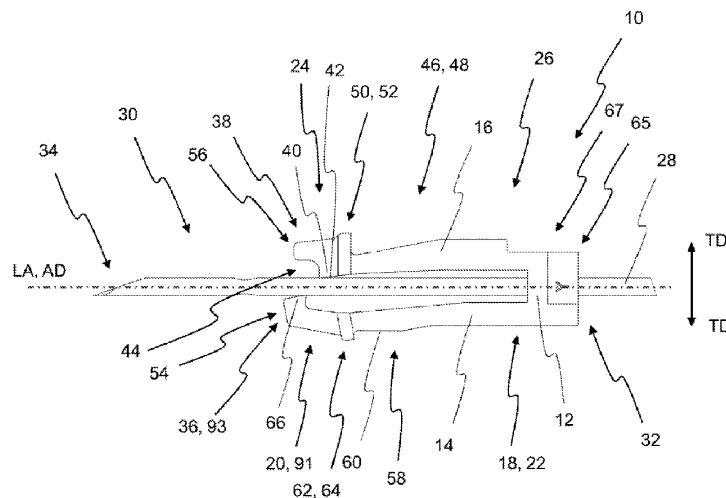


Fig. 1

(57) Abstract: The application related to a needle guard (10) for a medical device (300), wherein the needle guard (10) is configured to slidably receive a needle (30), the needle guard (10) comprising: a base portion (12); a first arm (14); and a second arm (16); wherein the first arm (14) has a transverse wall (36) transversely provided at the distal portion (20) of the first arm (14), wherein the second arm (16) has an axial protrusion (38) axially provided at the distal portion (24) of the second arm (16); wherein the needle guard (10) has a protecting state, in which the distal portion (20) of the first arm (14) and the distal portion (24) of the second arm (16) are in an engaged position such that the axial protrusion (38) of the second arm (16) approaches the transverse wall (36) of the first arm (14).

[Continued on next page]

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, SC, 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, 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 the identity of the inventor (Rule 4.17(i))*
- *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))*
- *of inventorship (Rule 4.17(iv))*

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))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*

(88) Date of publication of the international search report:

12 September 2024 (12.09.2024)