

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 December 2019 (12.12.2019)



(10) International Publication Number
WO 2019/236485 A1

(51) International Patent Classification:

A61M 5/31 (2006.01) A61M 5/315 (2006.01)
A61F 2/24 (2006.01)

(21) International Application Number:

PCT/US2019/035226

(22) International Filing Date:

03 June 2019 (03.06.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/680,980 05 June 2018 (05.06.2018) US
16/424,323 28 May 2019 (28.05.2019) US

(71) Applicant: **EDWARDS LIFESCIENCES CORPORATION** [US/US]; One Edwards Way, Irvine, CA 92614 (US).

(72) Inventors: **TAMIR, Ilan**; Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US).
BIALAS, Michael R.; Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US).

(74) Agent: **GERMAN, Joel B.** et al.; Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (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, 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: REMOVABLE VOLUME INDICATOR FOR SYRINGE

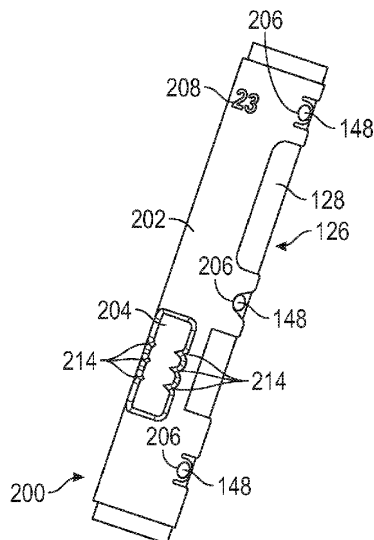


FIG. 6

(57) Abstract: A volume indicator for a syringe can include an indicator body configured to removably clip onto a syringe body and a window portion extending through a thickness of the indicator body. The volume indicator can include inflation indicia corresponding to a range of expanded diameters for a prosthetic heart valve. The volume indicator can include one or more first engagement elements that correspond to one or more second engagement elements on a syringe.

WO 2019/236485 A1

[Continued on next page]

Published:

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