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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 September 2014 (18.09.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/143770 A1

(51) International Patent Classification:
A61M 5/14 (2006.01) *A61M 5/31* (2006.01)
A61M 5/142 (2006.01) *A61M 5/315* (2006.01)
A61M 5/20 (2006.01) *A61M 5/32* (2006.01)
A61M 5/24 (2006.01) *A61M 5/34* (2006.01)
A61M 5/28 (2006.01)

(21) International Application Number:
PCT/US2014/027874

(22) International Filing Date:
14 March 2014 (14.03.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/792,744 15 March 2013 (15.03.2013) US

(71) Applicant: **AMGEN INC.** [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(72) Inventors: **LEE, Mark, Ka Lai**; 4311 Via Cerritos, Newbury Park, CA 91320 (US). **TOY, Stephanie**; 15544 Borges Drive, Moorpark, CA 93021 (US). **FENSTER, Valerie, M.**; 5052 Medina Road, Woodland Hills, CA 91364 (US).

(74) Agent: **SCHWARZ, Paul, A.**; Kaplan Breyer Schwarz & Ottsese, LLP, 100 Commons Way, Suite 250, Holmdel, NJ 07733 (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, 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, 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, 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).

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: BODY CONTOUR ADAPTABLE AUTOINJECTOR DEVICE

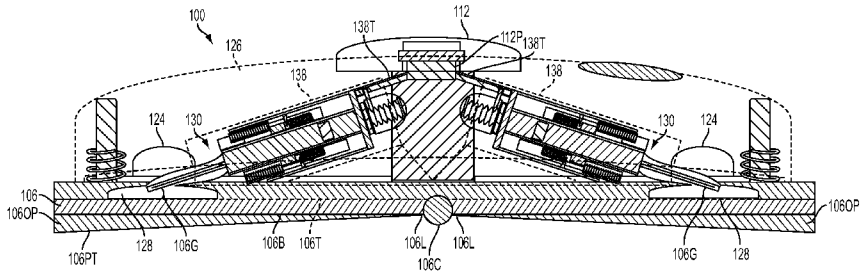


FIG. 4

(57) Abstract: An injector for delivering a therapeutic product may include a base having a flexible surface that conforms to various body contours of a patient and defines one or more an injection chambers. The injector may have a height that is substantially less than its width, thereby defining a low profile, which provides a larger more stable base that can pinch or stretch the skin in a controlled manner. The larger base can also accommodate larger volumes via multiple injection chambers and/or large combined primary containers.

WO 2014/143770 A1