



- (51) International Patent Classification:
A61J 1/20 (2006.01)
- (21) International Application Number:
PCT/IB2014/061810
- (22) International Filing Date:
29 May 2014 (29.05.2014)
- (25) Filing Language: Italian
- (26) Publication Language: English
- (30) Priority Data:
TO2013A000432 29 May 2013 (29.05.2013) IT
- (71) Applicant: **INDUSTRIE BORLA S.P.A.** [IT/IT]; Via G. Di Vittorio, 7bis, I-10024 Moncalieri (Torino) (IT).
- (72) Inventor: **GUALA, Gianni**; Strada Villa Zanetti, 28/18, I-10133 Torino (IT).
- (74) Agent: **BUZZI, Franco**; Buzzi, Notaro & Antonielli d'Oulx S.r.l., Via Maria Vittoria, 18, I-10123 Torino (IT).

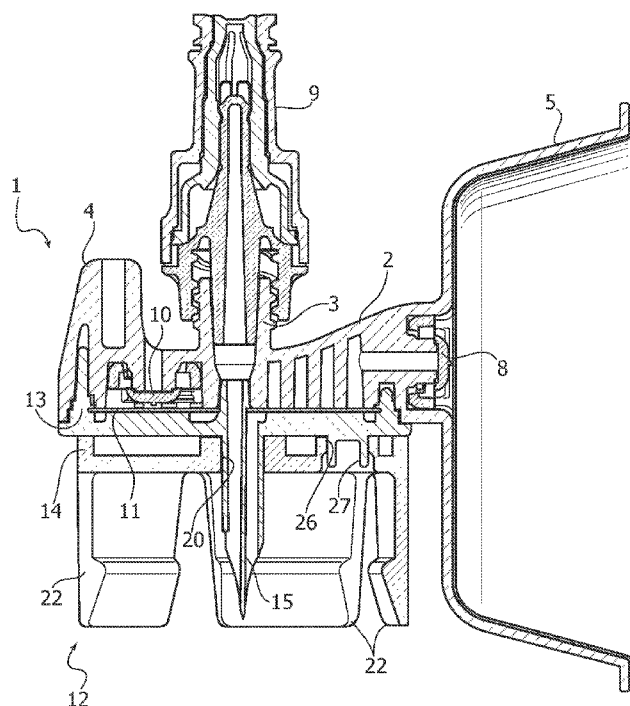
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, 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).

[Continued on next page]

(54) Title: VIAL ACCESS DEVICE

FIG. 6



(57) Abstract: A vial access device, comprising a body (1) having a projecting annular skirt (21) that is elastically deformable, for engaging the complementary shaped neck of a vial, a tubular spike (15) extending coaxially within said annular skirt (21) for introducing into the vial, and a tubular connector (3) protruding from the body (1) on the side opposite to the annular skirt (21) and in fluid communication with the tubular spike (15). The tubular spike (15) and the annular skirt (21) are arranged, respectively, within a first and a second part (13, 14), distinct from each other, and of which the first part (13) is permanently joined to the body (1) and the second part (14) is connectable to the first part (13) through an irreversible coupling (26, 27).



Published:

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

— *with amended claims (Art. 19(1))*