

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
28 September 2023 (28.09.2023)



(10) International Publication Number
WO 2023/180131 A1

(51) International Patent Classification:
B65D 83/00 (2006.01)

(21) International Application Number:
PCT/EP2023/056530

(22) International Filing Date:
14 March 2023 (14.03.2023)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
22163325.8 21 March 2022 (21.03.2022) EP

(71) Applicant: **BIBAWO MEDICAL A/S** [DK/DK]; Klintehøj Vænge 6, DK-3460 Birkerød (DK).

(72) Inventor: **JEPPESSEN, Finn**; Stranach 648, 5582 Sankt Michael im Lungau (AT).

(74) Agent: **DE ROOIJ, Mathieu**; Avenida Diagonal 598, 3-1, 08021 Barcelona (ES).

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, 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))

Published:

- with international search report (Art. 21(3))

(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,

(54) Title: NOZZLES, HEADS AND AEROSOL DISPERSERS

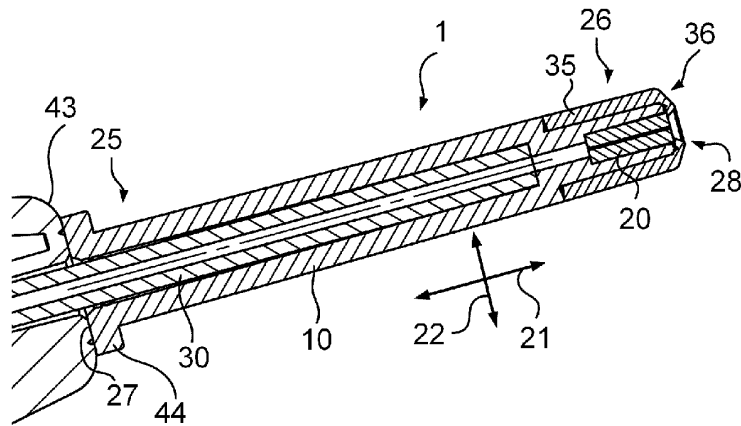


Fig. 1A

(57) Abstract: The present disclosure relates to aerosol dispensers, heads for aerosol dispensers and nozzles for heads for aerosol dispensers. A nozzle (1) for spraying a fluid of an aerosol container (41) is provided. The nozzle (1) comprises a proximal region (25) configured to receive a fluid transportation tube (30) configured to provide fluid communication to the aerosol container (41). The nozzle (1) further comprises a distal region (26) comprising an output through hole (16), the output through hole (16) having a diameter of, or less than, 0.20 mm, and having a length between 2 and 6 mm.



WO 2023/180131 A1