



(51) International Patent Classification:

A61B 5/097 (2006.01) G01N 1/22 (2006.01)
A61B 5/08 (2006.01)

(21) International Application Number:

PCT/EP2022/060428

(22) International Filing Date:

20 April 2022 (20.04.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

21170437.4 26 April 2021 (26.04.2021) EP

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(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, IT, JM, 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, ST, SV, SY, TH, TJ, TM,

(54) Title: A COLLECTING DEVICE AND A METHOD FOR COLLECTION OF AIRBORNE PARTICLES EXHALED BY A HUMAN BEING

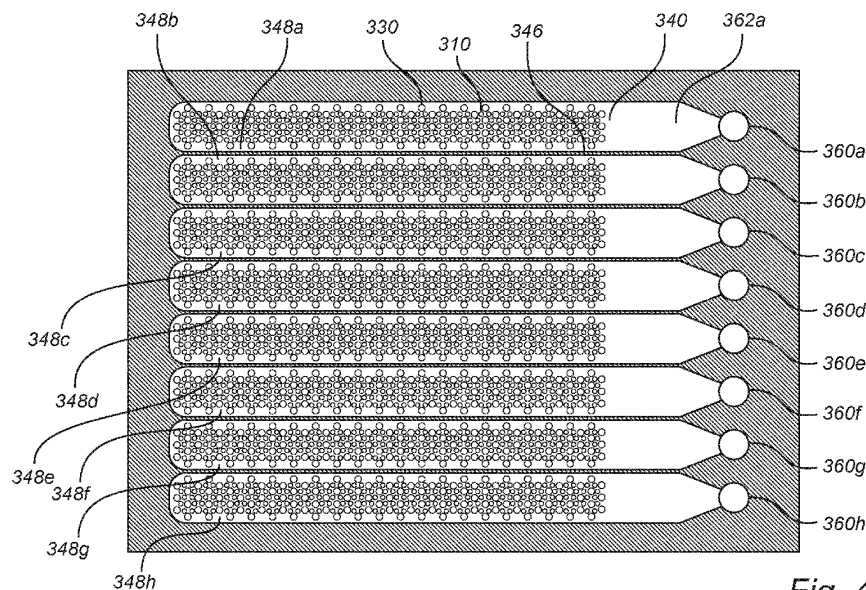


Fig. 4

(57) Abstract: A collecting device (200) for collecting airborne particles comprises: a first (202) and second layer (220) spaced apart for forming a particle collection chamber (240; 340) therebetween; wherein inlets (210; 310) and outlets (230; 330) are configured for transporting a flow of air (104) into and out of the particle collection chamber (240; 340) and configured for allowing capturing airborne particles by impaction. The collecting device (200) further comprises at least one liquid access port (260; 260a, 260b; 360a-360h) for filling the particle collection chamber (240; 340) with a reagent; and wherein the particle collection chamber (240; 340) comprises at least one side wall (246; 346) for defining flow of the reagent, such that a first portion (248a; 348a) and a second portion (248b; 348b) of the particle collection chamber (240; 340) are arranged on opposite sides of the at least one side wall (246; 346).

[Continued on next page]

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, 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).

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*