

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
15 August 2024 (15.08.2024)



(10) International Publication Number
WO 2024/168080 A1

(51) International Patent Classification:

B01D 21/24 (2006.01) *C02F 1/00* (2023.01)
B01D 36/04 (2006.01) *G01N 1/28* (2006.01)

(21) International Application Number:

PCT/US2024/014871

(22) International Filing Date:

07 February 2024 (07.02.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/483,940 08 February 2023 (08.02.2023) US

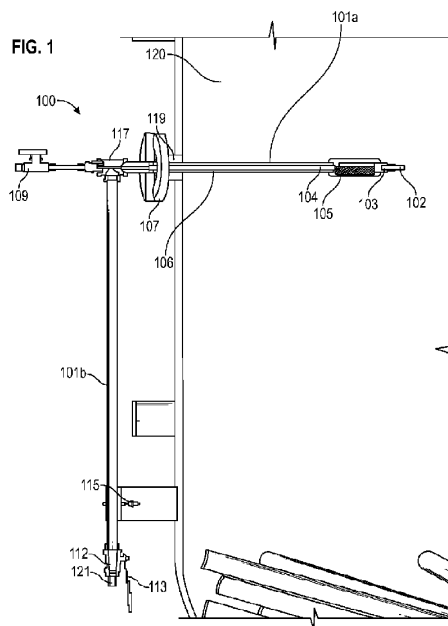
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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, 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, LY, MA, MD, MG, MK, MN, MU, 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.

(54) Title: HYBRID APPARATUS FOR SAMPLING FILTRATION MEDIA AND FLUIDS



(57) Abstract: A hybrid apparatus for sampling filtration media and fluids in a fluid treatment vessel. The hybrid apparatus includes: a sampling conduit; and a fluid discharge piping, wherein a first end of the fluid discharge piping is coupled to a section of the sampling conduit. A first end of the sampling conduit is configured for slidable insertion within a fluid collection port of a fluid treatment vessel. The sampling conduit can include a media collection port at an anterior end and a media sampling/ discharge valve at a posterior end. The media sampling valve can be configured to facilitate extraction of a desired amount of the filtration media for sampling purposes at any time during normal operation.

[Continued on next page]

(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 applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*
- *with amended claims (Art. 19(1))*