

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
31 July 2025 (31.07.2025)



(10) International Publication Number
WO 2025/157636 A1

(51) International Patent Classification:
B01D 63/00 (2006.01) *B01D 53/22* (2006.01)

(21) International Application Number:
PCT/EP2025/050860

(22) International Filing Date:
15 January 2025 (15.01.2025)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
24153407.2 23 January 2024 (23.01.2024) 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, 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,

(54) Title: FILTER MODULE, FILTER UNIT AND FILTER PROCESS FOR GAS SEPARATION

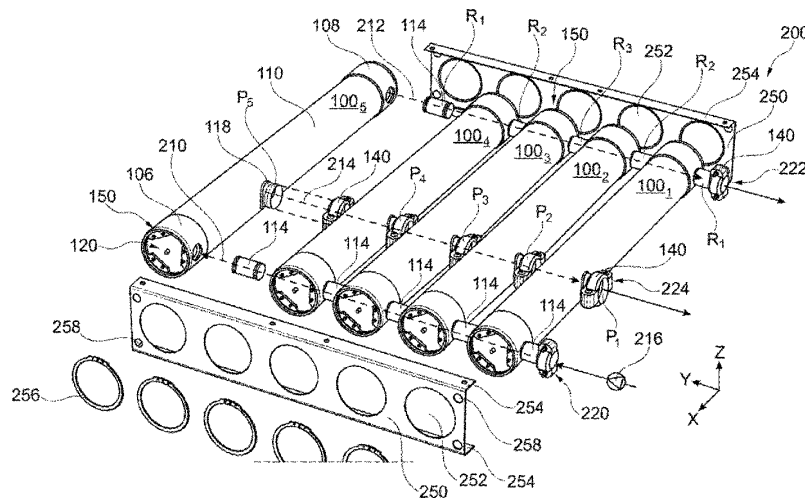


Fig. 2

(57) Abstract: Object of invention is providing a filter module for gas separation, comprising at least an outer filter housing, a filter cartridge having an outer diameter, wherein the filter housing having two terminal sections and a central section, wherein the filter housing and the filter cartridge having a joint longitudinal axis, and wherein an inner terminal chamber is located inside each terminal section, and a ring chamber is located between the filter cartridge and the central section of the filter housing. A central connector having a flow axis is located at the central section leading to the ring chamber, wherein at least one of the two terminal sections having two (terminal) connectors with a flow axis C leading to the inner chamber, and wherein at least one terminal section is furnished with a closure element allowing to insert and/or pull the filter cartridge in direction of the longitudinal axis A without disassembly of the filter housing of the filter module. Another object of the invention is a filter unit comprising at least one analogous filter module and

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TJ, TM, TN, TR, TT, TZ, UA, UG, US, UY, 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 applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

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

a process for gas separation using such filter modules and/or filter units.