

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
08 March 2018 (08.03.2018)



(10) International Publication Number
WO 2018/044648 A1

(51) International Patent Classification:

B01D 46/00 (2006.01) **B01D 35/30** (2006.01)
B01D 35/00 (2006.01) **B01D 46/04** (2006.01)

(21) International Application Number:

PCT/US2017/048193

(22) International Filing Date:

23 August 2017 (23.08.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/380,747 29 August 2016 (29.08.2016) 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, 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, 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, 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, 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))

(54) Title: FIXED RIGID WALL DEVICE FOR COMPRESSED PLEAT CONFIGURATION FILTERS

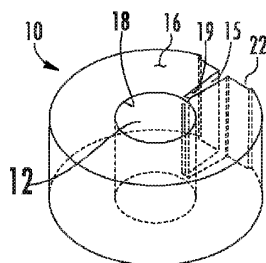


FIG. 1

(57) Abstract: A scaling tool for replicating filtration characteristics of a large-scale filtration device, the scaling tool comprising a housing having a fluid inlet and a fluid outlet, and a filter receiving region in fluid communication with the fluid inlet and the fluid outlet and configured to contain a membrane comprising one or more pleats, the filter receiving region being defined by a rigid wall framework configured to hold the one or more pleats of the membrane and compress the pleats in an amount effective to replicate the filtration performance of the large-scale filtration device. Also disclosed is a methodology for configuring a filter receiving region in a scaling tool.

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