



(51) International Patent Classification:

B01D 53/06 (2006.01) **B65D 88/74** (2006.01)
A23B 7/148 (2006.01) **F25D 17/04** (2006.01)
A23L 3/3418 (2006.01)

(21) International Application Number:

PCT/US2012/046139

(22) International Filing Date:

11 July 2012 (11.07.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/508,872 18 July 2011 (18.07.2011) 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, BR, BW, BY, BZ,

CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, 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, 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))
 — 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))

(88) Date of publication of the international search report:

14 March 2013

(54) Title: SCRUBBER SYSTEM WITH MOVING ADSORBENT BED

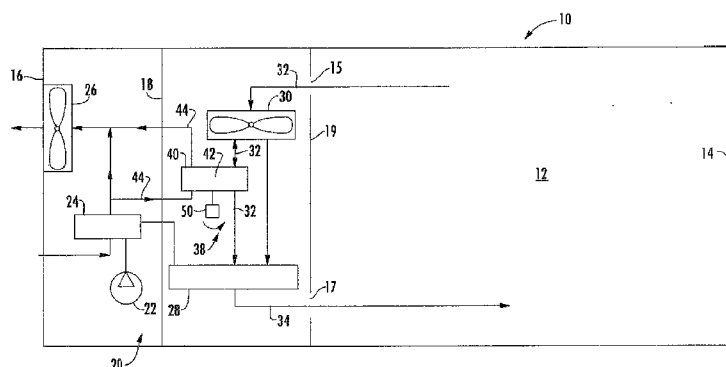


FIG. 1

(57) Abstract: A regenerative carbon dioxide removal system (38) is provided onboard the container (10) through which air from within the cargo box (12) may be circulated for removing at least a portion of the carbon dioxide present in the air. The regenerative carbon dioxide removal system (38) includes a scrubber module (40) containing a carbon dioxide adsorbent material (42), and an actuator (50) for moving the scrubber module (40) to pass the carbon dioxide adsorbent material (42) alternately between a first flow of air (32) to be cleaned drawn by the evaporator fan (30) from within the cargo box (12), and a second flow of air (44) drawn from an environment outside the cargo box for regenerating the carbon dioxide adsorbent material (42) by removing collected carbon dioxide from the carbon dioxide adsorbent material (42).

