



(51) International Patent Classification:
F16K 11/22 (2006.01) *F17C 13/04* (2006.01)

(21) International Application Number:
PCT/US2009/053587

(22) International Filing Date:
12 August 2009 (12.08.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/089,730 18 August 2008 (18.08.2008) US

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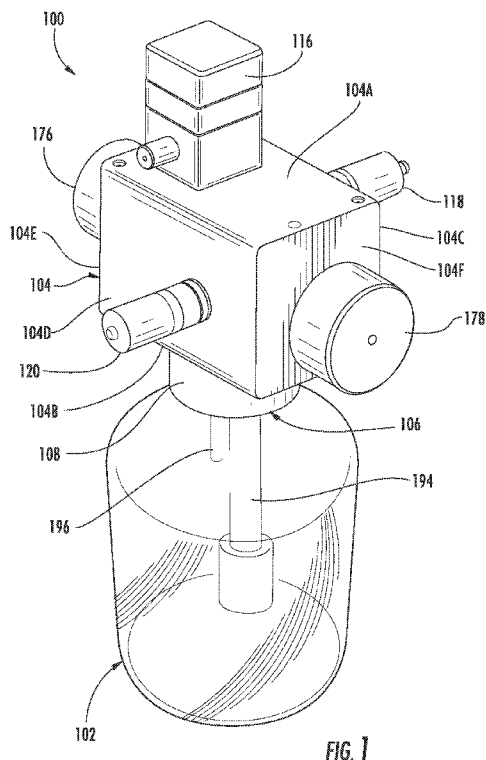
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, 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, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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, SE, SI, SK, SM,

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(54) Title: VALVE ASSEMBLIES



(57) Abstract: A valve assembly is provided that can operate to fill and/or refill a container with, for example, a liquid while venting excess vapor from the container associated with the liquid to relieve pressure in the container created by the liquid, and that can operate to introduce a carrier gas into the container for use in retrieving vapor products from the liquid within the container. The valve assembly includes a housing defining two bores and multiple ports extending through the housing in communication with the bores. A valve spool is located within each bore to selectively control movement through the housing of the liquid, the excess vapor associated with the liquid, the carrier gas, and the vapor products retrieved from the liquid by the carrier gas.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, — *with amended claims (Art. 19(1))*
ML, MR, NE, SN, TD, TG).

Published:

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