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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 December 2012 (06.12.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/166494 A1

(51) International Patent Classification:
F17C 13/00 (2006.01)

(21) International Application Number:
PCT/US2012/039265

(22) International Filing Date:
24 May 2012 (24.05.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/490,832 27 May 2011 (27.05.2011) US

(71) Applicant *(for all designated States except US)*: **HUTCHINSON S.A.** [FR/FR]; 2, Rue Balzac, F-75008 Paris (FR).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BONGIOVANNI, David** [US/US]; 1122 Whitehaven Road, Grand Island, NY 14072 (US). **WISEMAN, Michael** [US/US]; 87 Garfield Street, Lancaster, PA 14086 (US). **JANICKI, Adam** [US/US]; 2925 Amsdell Road, Hamburg, NY 14075 (US). **FORSTER, Eric** [FR/FR]; 12 Ter Rue Paul Duclos, F-95590 Nerville La Foret (FR).

(74) Agents: **COLEN, Frederick, H.** et al.; Reed Smith LLP, P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

(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,

[Continued on next page]

(54) Title: SELF-SEALING LIQUID CONTAINMENT SYSTEM AND METHOD OF INSTALLING SAME

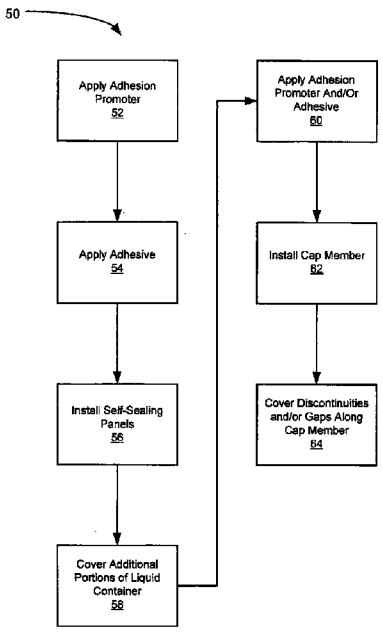


FIG. 9

(57) Abstract: A system. The system includes one or more self-sealing panels and a cap member. The one or more self-sealing panels substantially cover an exterior surface of a liquid container. The cap member covers at least one of the following: one or more portions of the exterior surface of the liquid container; and an exterior surface of at least one of the one or more self-sealing panels.

WO 2012/166494 A1

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

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