



(51) International Patent Classification:
A62C 31/02 (2006.01)

(21) International Application Number:
PCT/US2011/046558

(22) International Filing Date:
4 August 2011 (04.08.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/370,998 5 August 2010 (05.08.2010) US

(71) Applicant (for all designated States except US): **VIC-TAULIC COMPANY** [US/US]; 4901 Kesslersville Road, Easton, PA 18040 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **REILLY, William, J.** [US/US]; 209 Hampton Court, Langhorne, PA 19047 (US). **THAU, Lawrence, W.** [US/US]; 10 Rowlands Road, Flemington, NJ 08822 (US).

(74) Agents: **CHIONCHIO, John, A.** et al.; Ballard Spahr LLP, 999 Peachtree Street, Suite 1000, Atlanta, GA 30309 (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, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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).

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))

(54) Title: DUAL MODE AGENT DISCHARGE SYSTEM WITH MULTIPLE AGENT DISCHARGE CAPABILITY

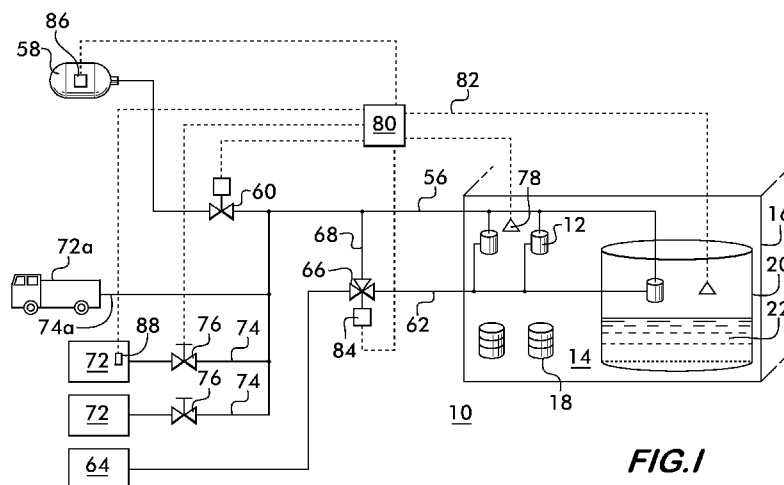


FIG.1

(57) Abstract: An emitter system capable of discharging an atomized liquid-gas stream or a liquid stream which atomizes into a spray has a source of pressurized gas and one or more sources of pressurized liquids. Flow of gas and liquid to an emitter is controlled by valves, and the emitter can be used to discharge either the atomized liquid-gas stream or the liquid stream. The emitter system may be used for fire suppression.