



(51) International Patent Classification:

<i>A62C 31/02</i> (2006.01)	<i>G06K 19/07</i> (2006.01)
<i>A62C 31/28</i> (2006.01)	<i>G01G 19/52</i> (2006.01)
<i>A62C 37/36</i> (2006.01)	<i>G01L 23/00</i> (2006.01)
<i>A62C 37/08</i> (2006.01)	<i>G01S 19/14</i> (2010.01)
<i>B05B 12/00</i> (2006.01)	

(21) International Application Number:

PCT/US2020/046214

(22) International Filing Date:

13 August 2020 (13.08.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/886,543	14 August 2019 (14.08.2019)	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, IT, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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,

(54) Title: FIRE-FIGHTING CONTROL SYSTEM

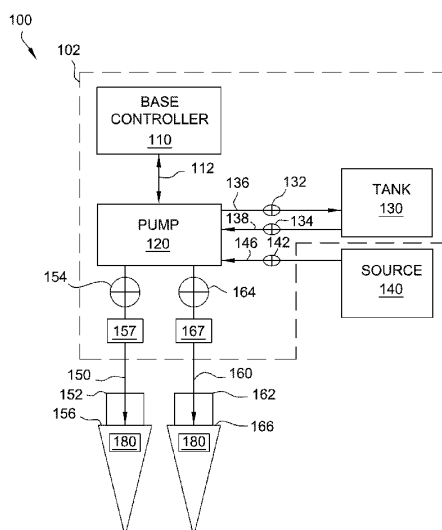


FIG. 1

(57) Abstract: A fire-fighting system includes a pump, a nozzle for directing fluid flow from the pump to a target area, a discharge valve controlling fluid flow between the pump and the nozzle, a sensor coupled to the nozzle, and a controller communicatively coupled to the sensor. The sensor detects movement of the nozzle and generates a signal indicative of the detected movement. The controller communicatively coupled is configured to receive the signal from the sensor, and control at least one of the discharge valve, the pump, and the nozzle based on the detected movement of the nozzle.

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))*
- *with amended claims (Art. 19(1))*