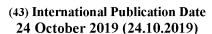
### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property Organization

International Bureau







(10) International Publication Number WO 2019/204484 A3

(51) International Patent Classification: A61L 2/07 (2006.01) A61L 2

A61L 2/10 (2006.01)

(21) International Application Number:

PCT/US2019/027922

(22) International Filing Date:

17 April 2019 (17.04.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

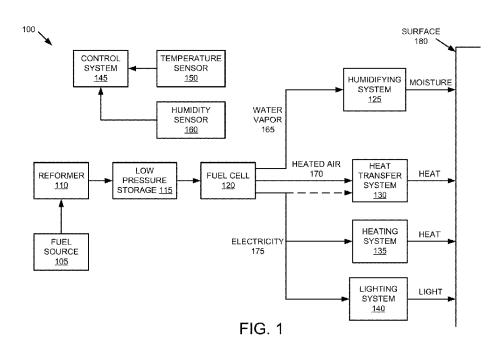
62/659,487 18 April 2018 (18.04.2018) US 16/385,681 16 April 2019 (16.04.2019) US

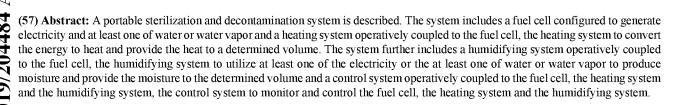
- (71) Applicant: ANDERSON INDUSTRIES, LLC [US/US]; 1741 Commerce Lane, Webster, South Dakota 57274 (US).
- (72) Inventors: ANDERSON, Kory; c/o Anderson Industries, LLC, 1741 Commerce Lane, Webster, South Dakota 57274

(US). **EWERT, Daniel**; c/o Anderson Industries, LLC, 1741 Commerce Lane, Webster, South Dakota 57274 (US). **JORGENSON, Joel**; c/o Anderson Industries, LLC, 1741 Commerce Lane, Webster, South Dakota 57274 (US).

- (74) Agent: OVANEZIAN, Daniel E. et al.; WOMBLE BOND DICKINSON (US) LLP, P.O. Box 7037, Atlanta, Georgia 30357-0037 (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, 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, 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,

(54) Title: PORTABLE STERILIZATION AND DECONTAMINATION SYSTEM





- 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, ST, 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, KM, 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))
- (88) Date of publication of the international search report: 19 December 2019 (19.12.2019)

## International application No.

#### INTERNATIONAL SEARCH REPORT

#### PCT/US 2019/027922 CLASSIFICATION OF SUBJECT MATTER Α. A61L 2/07 (2006.01) A61L 2/10 (2006.01) According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) A61L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PatSearch (RUPTO internal), Espacenet, DWPI, PAJ, USPTO, CIPO, PubMed C. DOCUMENTS CONSIDERED TO BE RELEVANT Category\* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 9433695 B2 (DILIGENCE CORP.) 06.09.2016, claims, col., 3-6, 10-18, 20-21, 1-3, 6, 12-15, 19 X 26, 30, 32-33, 37, 42-43, 48, fig. 1-2, 4, 17 4-5, 7-11,16-18,20 Y Y US 8372169 B2 (PLASCO ENERGY GROUP INC.) 12.02.2013, abstract, claims, 4 [0344] Y WO 2008/116165 A2 (NEXT SAFETY, INC.) 25.09.2008, abstract, p. 52 5 US 8206490 B2 (UTC FUEL CELLS, LLC) 26.06.2012, abstract, claims, col. 2-3, 6-Y 7, fig. 1 US 7518502 B2 (SMITH AND NEPHEW, INC) 14.04.2009, claims 1-21, col. 9-10, 8.18 Y 37-38, fig. 1, 41 US 2017/0175069 A1 (CARON PRODUCTS AND SERVICES, INC.) 22.06.2017, 9 Y [0004], [0078], [0082], [0092], [0097]-[0100], fig. 1, 8, 11, 16-17 $\mathbf{x}$ Further documents are listed in the continuation of Box C. See patent family annex. "T" Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand "A" document defining the general state of the art which is not considered the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be "X" to be of particular relevance "E" earlier document but published on or after the international filing date considered novel or cannot be considered to involve an inventive "L" document which may throw doubts on priority claim(s) or which is step when the document is taken alone "Y" cited to establish the publication date of another citation or other document of particular relevance; the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is "O" document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document published prior to the international filing date but later than document member of the same patent family the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 12 November 2019 (12.11.2019) 14 November 2019 (14.11.2019) Name and mailing address of the ISA/RU: Authorized officer Federal Institute of Industrial Property, Berezhkovskaya nab., 30-1, Moscow, G-59, A. Kubasov GSP-3, Russia, 125993

Telephone No. (499) 240-25-91

# International application No.

## INTERNATIONAL SEARCH REPORT

PCT/US 2019/027922

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 7186374 B2 (STERIS INC.) 06.03.2007, claims 1-12, col. 7, fig. 1, 8	10
Y	US 2917906 A (WOOLEY G.G. et. al.) 22.012.1959, col. 3-4	11
Y	US 2003/0066830 A1 (MAGTEC LLC) 10.04.2003, abstract, [0237], fig. 18	16
Y	WO 2017/104927 A1 (LG ELECTRONICS INC.) 22.06.2017, [0040], [0081], fig. 6	17
Y	US 2014/0317281 A1 (RARITAN AMERICAS, INC.) 23.10.2014, claim 1, [0014], [0043], fig. 6	20
	A/210 (continuation of second sheet) (January 2015)	