

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 January 2022 (27.01.2022)



(10) International Publication Number
WO 2022/018419 A1

(51) International Patent Classification:

A61L 2/28 (2006.01) A61B 90/70 (2016.01)
G06K 9/00 (2006.01) A61L 2/18 (2006.01)

(21) International Application Number:

PCT/GB2021/051848

(22) International Filing Date:

19 July 2021 (19.07.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2011192.8 20 July 2020 (20.07.2020) GB

(71) Applicant: **TRISTEL PLC** [GB/GB]; Unit 1b, Lynx Business Park, Fordham Road, Snailwell, NEWMARKET CB8 7NY (GB).

(72) Inventors: **BRAND, Thomas**; Tristel PLC, Unit 1b, Lynx Business Park, Fordham Road, Snailwell, NEWMARKET Cambridgeshire CB8 7NY (GB). **JANSEN, Esther**; Tristel PLC, Unit 1b, Lynx Business Park, Fordham Road, Snailwell, NEWMARKET Cambridgeshire CB8 7NY (GB). **SWINNEY, Paul**; Tristel PLC, Unit 1b, Lynx Business Park, Fordham Road, Snailwell, NEWMARKET Cambridgeshire CB8 7NY (GB).

(74) Agent: **HOLMES, Derek** et al.; Dummett Copp LLP, 25 The Square, Martlesham Heath, IPSWICH IP5 3SL (GB).

(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, 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))

(54) Title: VALIDATION OF MIXING PROCEDURES IN A DECONTAMINATION PROCESS

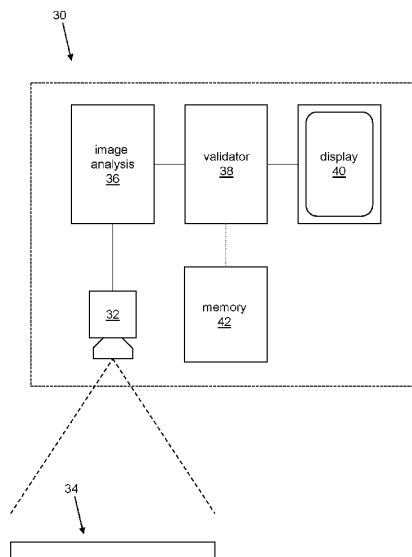


Fig. 3

(57) Abstract: Disclosed is a method for validating a mixing procedure in a process using a two- part disinfectant system. The disinfectant system comprises a first part comprising a first reagent in a carrier medium and a second part which is miscible with the first part and which comprises a second reagent in a carrier medium, and the first reagent and the second reagent will react when mixed to provide a disinfecting composition. The method comprises capturing a video stream of a work area in which the mixing procedure is carried out by a user, analysing the video stream to identify one or more mixing events in the video stream that correspond with the mixing procedure being correctly performed, determining, based on the or each identified mixing event, if the mixing procedure has been completed, and upon determining that the mixing procedure has been completed, causing a corresponding indication to be provided to the user. The method may include alerting the user to potential errors and/or logging data to provide an audit trail.

WO 2022/018419 A1