

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 October 2022 (27.10.2022)



(10) International Publication Number
WO 2022/223788 A1

(51) International Patent Classification:

G01N 21/64 (2006.01) G01N 33/18 (2006.01)
G01J 3/44 (2006.01) G01N 21/33 (2006.01)

(21) International Application Number:

PCT/EP2022/060704

(22) International Filing Date:

22 April 2022 (22.04.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

21169932.7 22 April 2021 (22.04.2021) EP
21169925.1 22 April 2021 (22.04.2021) EP

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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, JM, 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,

(54) Title: DEVICE AND METHOD FOR SPECTROSCOPIC MONITORING OF LIQUIDS

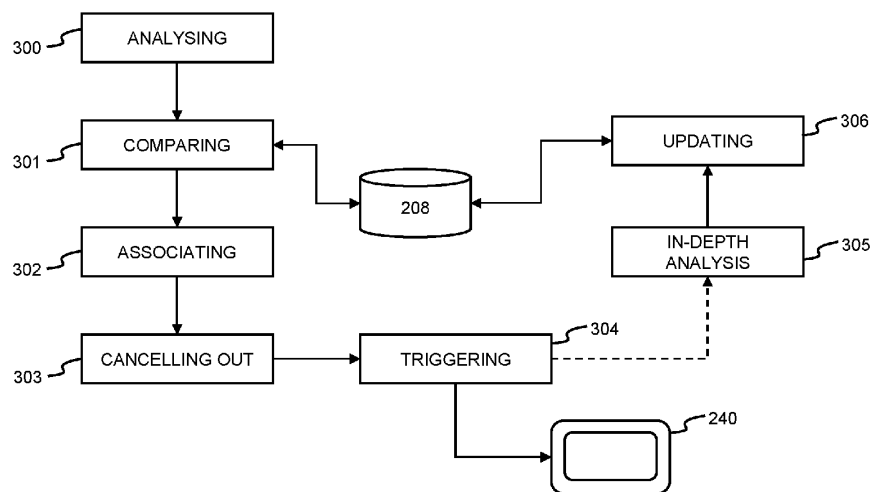


Fig. 3

(57) Abstract: The present disclosure relates to the field of spectroscopic monitoring of liquids. In particular, among other aspects, disclosed herein are novel Raman spectrometry (RS)- and laser- induced fluorescence (LIF)-enabled water quality monitoring devices, as well as methods, computer-implemented methods, or programmes for processing spectral data received therefrom. The principles underlying the disclosed methods and products are suitable for analysis of any liquid, aqueous or non-aqueous, but are particularly well suited for analysis or monitoring of aqueous liquids, including industrial aqueous mixtures or suspensions, beverages, liquid dairy products, biological fluids, and notably water.

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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))*