

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
31 May 2019 (31.05.2019)



(10) International Publication Number
WO 2019/102193 A1

- (51) **International Patent Classification:**
G01N 27/24 (2006.01) *G01N 17/02* (2006.01)
- (21) **International Application Number:**
PCT/GB2018/053368
- (22) **International Filing Date:**
21 November 2018 (21.11.2018)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
1719481.2 23 November 2017 (23.11.2017) GB
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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, 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, 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).

(54) **Title:** CORROSION MEASUREMENT DEVICE

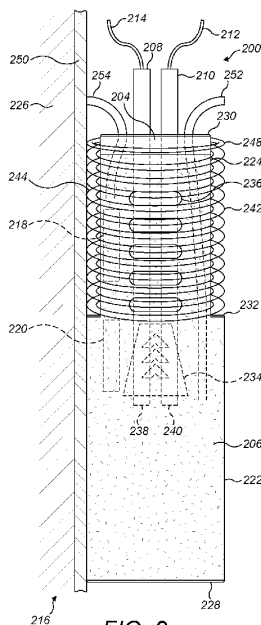


FIG. 2

(57) **Abstract:** Apparatus (200) for detecting corrosion of a coating (250) of an object (216), the apparatus comprising: an electrically conductive body (202) defining a cavity (204) for containing an electrolyte (206), the body (202) arranged to be, in use, in electrically conductive contact with the object (216) and arranged to isolate, in use, the electrolyte (206) from the object; and a first electrode (208) within the cavity (204), the first electrode (208) for electrical connection to a potentiostat (402) or to a galvanostat and arranged to be, in use, in electrical contact with the electrolyte (206) in the cavity (204); wherein the body (202) comprises a first part (222) and a second part (224), the second part (224) being slidably movable relative to the first part (222) between a retracted position and an extended position.

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Published:

— *with international search report (Art. 21(3))*