



(51) International Patent Classification:

C23F 11/14 (2006.01) G01N 21/64 (2006.01)

(21) International Application Number:

PCT/US2017/036787

(22) International Filing Date:

09 June 2017 (09.06.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/347,976 09 June 2016 (09.06.2016) 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, 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).

Published:

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

(54) Title: CORROSION INHIBITION FOR AQUEOUS SYSTEMS USING A HALOGENATED TRIAZOLE

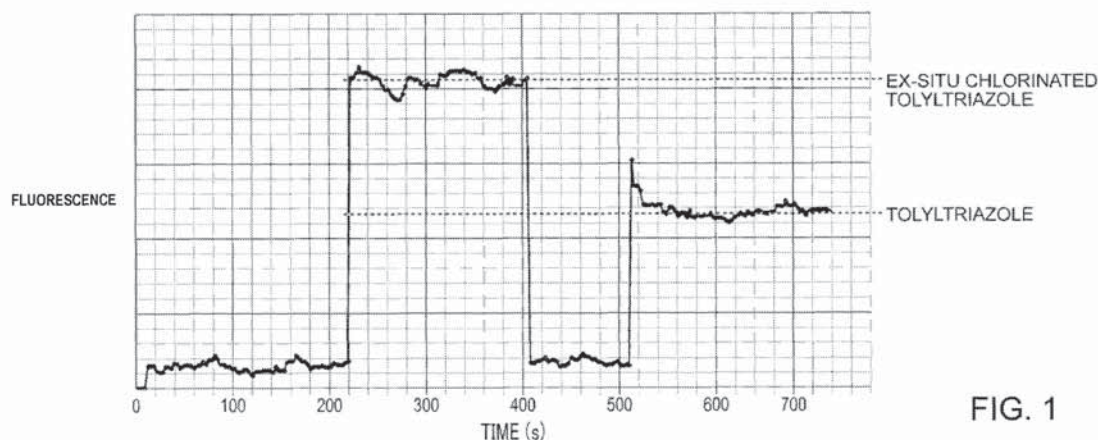


FIG. 1

(57) Abstract: A method for inhibiting corrosion of a corrodible metal surface that contacts water in a water system is provided. The method may include introducing into the water a treatment composition including an ex-situ halogenated triazole compound in an amount sufficient for inhibiting corrosion. A method of measuring a concentration of the ex-situ halogenated triazole compound in water in a water system is also provided. The method may include inducing the halogenated triazole compound to fluoresce and measuring an intensity of the fluorescence emitted from the water to determine the concentration of the halogenated triazole compound in the water. The concentration of the halogenated triazole can be monitored and controlled. The concentration of the halogenated triazole can be adjusted to a desired level based on the measured fluorescence value.