



- (51) **International Patent Classification:**
G05B 23/02 (2006.01) *G05B 15/02* (2006.01)
- (21) **International Application Number:**
PCT/EP2014/057610
- (22) **International Filing Date:**
15 April 2014 (15.04.2014)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
RM2013A000297 20 May 2013 (20.05.2013) IT
- (71) **Applicant:** MBDA ITALIA S.P.A. [IT/IT]; Via Monte Flavio, 45, I-00131 Roma (IT).
- (72) **Inventor:** BANCALLARI, Luca; c/o MBDA Italia S.p.A., Via Monte Flavio, 45, I-00131 Roma (IT).
- (74) **Agents:** CARANGELO, Pierluigi et al.; Jacobacci & Partners S.p.A., Via delle Quattro Fontane, 15, I-00184 Roma (IT).
- (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, DK, DM,

DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, 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))

(54) **Title:** DEVICE FOR MONITORING THE HEALTH STATUS OF A LIMITED LIFE CRITICAL SYSTEM COMPRISING A DATA DISPLAYING UNIT

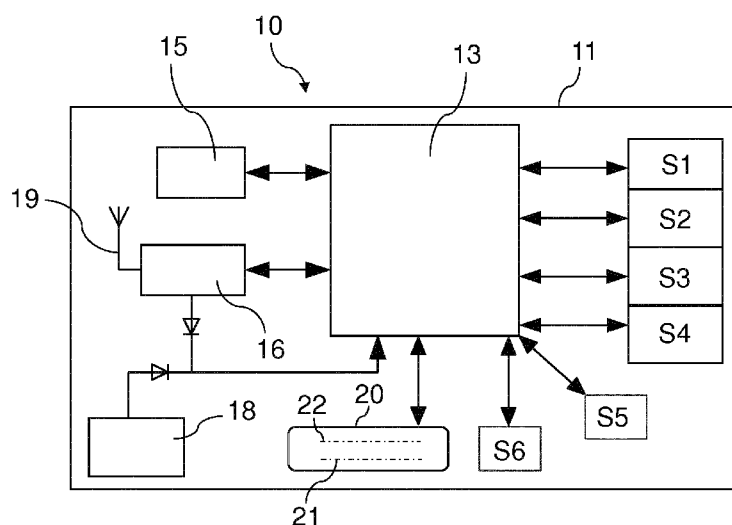


FIG. 2

(57) **Abstract:** A device for monitoring the health status of a limited life critical system, comprising: at least one measurement sensor adapted to measure a magnitude adapted to affect the health status of the critical system; at least one processing unit (13) operatively connected to the sensor (S1-S6); at least one memory adapted to store said digital data; a communication interface adapted to transmit said stored digital data; a data displaying unit, comprising: a bistable display, operatively connected to the processing unit and adapted to locally display data relative to the health status of the critical system and/or data relative to said magnitude.

