

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
02 February 2023 (02.02.2023)



(10) International Publication Number
WO 2023/009464 A3

(51) International Patent Classification:

G08B 21/00 (2006.01) H04W 4/80 (2018.01)
G06F 9/00 (2018.01) H04W 12/47 (2021.01)
H04W 4/029 (2018.01)

(21) International Application Number:

PCT/US2022/038238

(22) International Filing Date:

25 July 2022 (25.07.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/225,550 25 July 2021 (25.07.2021) 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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, 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,

(54) Title: HYBRID RFID AND WIRELESS COMMUNICATION SYSTEM FOR TRACKING OF ASSETS AND PEOPLE AND METHOD THEREOF

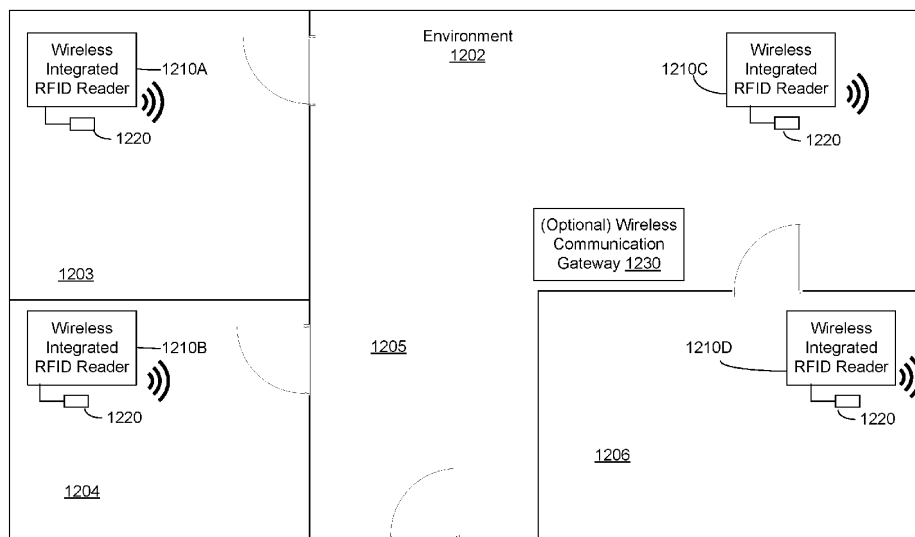


FIG. 12B

(57) Abstract: An improved radio frequency identification (RFID) reader system includes a plurality of wireless integrated RFID readers located in different locations in an environment, one or more RFID tags, each RFID tag configured to generate a radio frequency (RF) response signal based on data stored on the RFID tag, and a wireless communication gateway. Each of the wireless integrated RFID readers includes an RFID antenna, an electronics module coupled to the RFID antenna configured to operate the RFID antenna and interpret data signals received at the RFID antenna from one or more RFID tags, and a wireless communication system of a first type configured to wirelessly communicate with wireless nodes of the RFID reader system. The wireless communication gateway includes a wireless communication system of the first type configured to wirelessly communicate with the plurality of wireless integrated RFID readers.

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WO 2023/009464 A3

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))*
- *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))*

(88) Date of publication of the international search report:

30 March 2023 (30.03.2023)