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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 May 2020 (14.05.2020)

WIPO | PCT

(10) International Publication Number
WO 2020/096790 A1

(51) International Patent Classification:
B60L 58/18 (2019.01) *B64C 39/02* (2006.01)
B60L 53/10 (2019.01) *B64D 27/24* (2006.01)

(21) International Application Number:
PCT/US2019/058109

(22) International Filing Date:
25 October 2019 (25.10.2019)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
16/182,397 06 November 2018 (06.11.2018) 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,

(54) **Title:** POWER COMMUNICATION TO REGULATE CHARGE OF UNMANNED AERIAL VEHICLE

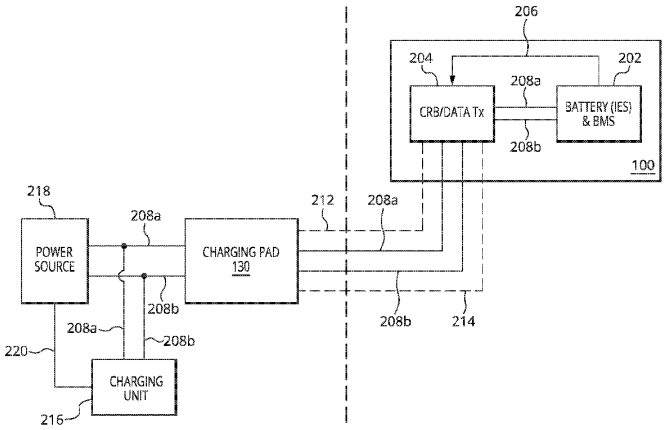

FIG. 2

(57) **Abstract:** In an embodiment, an apparatus includes a plurality of electrical contacts, wherein first and second electrical contacts of the plurality of electrical contacts electrically couple with a charging device; one or more rechargeable batteries configured to be charged from power received, via the first and second electrical contacts, from the charging device; and circuitry configured to obtain battery state information associated with the one or more rechargeable batteries during charging of the one or more rechargeable batteries and generate battery charge rate data based on the battery state information. At least one of the first and second electrical contacts is configured to transmit the battery charge rate data to the charging device, and the battery charge rate data is configured to be used by the charging device to regulate charging of the one or more rechargeable batteries.

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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))*