

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
20 August 2020 (20.08.2020)



(10) International Publication Number
WO 2020/167478 A1

(51) International Patent Classification:
H04W 52/02 (2009.01)

(21) International Application Number:
PCT/US2020/015731

(22) International Filing Date:
29 January 2020 (29.01.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/804,185 11 February 2019 (11.02.2019) US
16/775,072 28 January 2020 (28.01.2020) 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,

(54) Title: NETWORK CONTROL AND SIGNALING FOR POWER CIRCUITRY CONFIGURATION

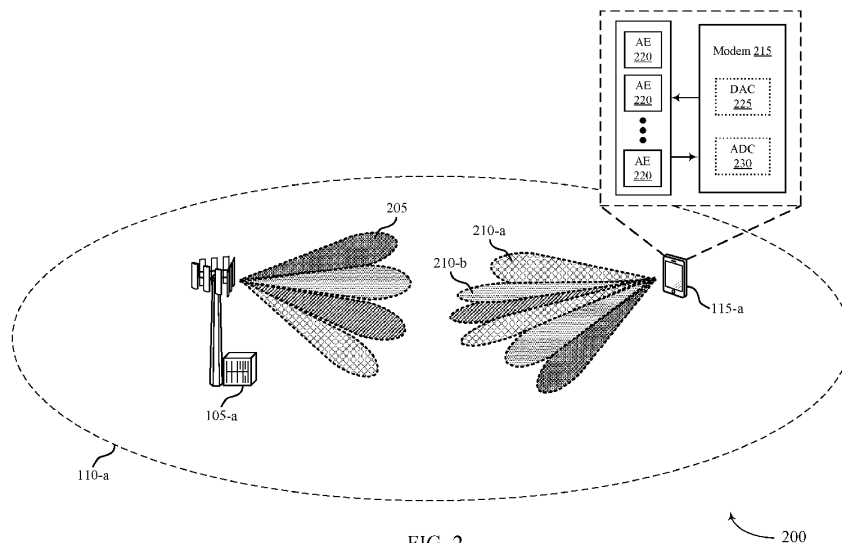


FIG. 2

(57) Abstract: The described techniques provide for the identification and utilization of different power consumption categories by a user equipment (UE) in wireless communications system. A power consumption category may correspond to a power consumption level (e.g., a powered circuitry configuration) of the UE. For example, a power consumption category may configure an analog-to-digital conversion (ADC) resolution, a digital-to-analog conversion (DAC) resolution, a number of antennas, etc., that a UE may employ for communications. In some examples, a UE may report capability information to a base station, and the base station may use the information to explicitly or implicitly (e.g., via conveying thresholds or conditions to the UE for power consumption category switching or power consumption category selection) configure the UE with various power consumption categories. As such, the power consumption categories may be used by the base station and UE, in some scenarios, for reducing power consumption.

[Continued on next page]

OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, 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))
