



(51) International Patent Classification:

H04L 5/00 (2006.01) H04L 1/00 (2006.01)
H04L 27/26 (2006.01)

(21) International Application Number:

PCT/EP2024/055923

(22) International Filing Date:

06 March 2024 (06.03.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/EP2023/074404

06 September 2023 (06.09.2023) EP

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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,

(54) Title: DEVICES AND METHODS FOR RELIABLE COMMUNICATION IN A WIRELESS NETWORK

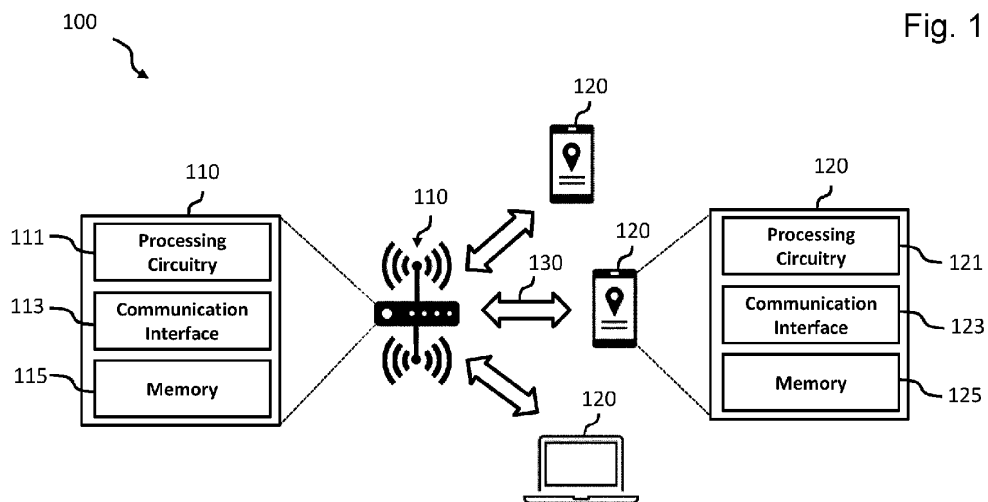


Fig. 1

(57) Abstract: A wireless transmitter station (110; 120) using a resource unit, RU, or multiple resource unit, MRU, of an Orthogonal Frequency Division Multiplexing, OFDM, or Orthogonal Frequency Division Multiple Access, OFDMA, communication is disclosed. The wireless transmitter station (110; 120) is configured to allocate a first subset of a plurality of tones of the RU or MRU as data tones for carrying modulated data based on the bit sequence and to allocate a second subset of the plurality of tones of the RU or MRU as interference mitigation, IM, pilot tones for carrying a plurality of predefined IM pilot symbols. Moreover, the wireless transmitter station (110; 120) is configured to permute the plurality of tones of the RU or MRU, including both the first subset comprising data tones and the second subset comprising IM pilot tones, for obtaining a plurality of permuted tones of the RU or MRU.

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, MG, MK, MN, MU, 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, 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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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).

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