



- (51) **International Patent Classification:**
H04W 74/0833 (2024.01) *H04W 74/04* (2009.01)
- (21) **International Application Number:**
PCT/CN2024/076414
- (22) **International Filing Date:**
06 February 2024 (06.02.2024)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
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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, 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).

Published:

- with international search report (Art. 21(3))

- (54) **Title:** PRACH TRANSMISSION

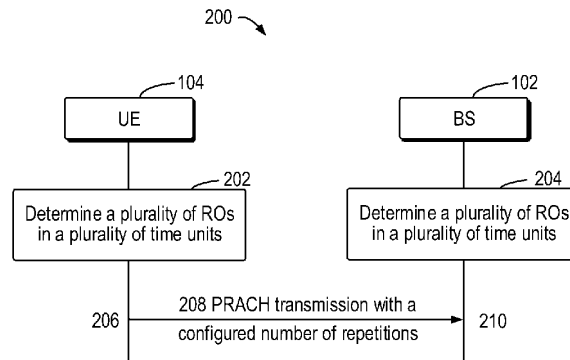


FIG. 2

- (57) **Abstract:** Various aspects of the present disclosure relate to PRACH transmissions. In an aspect, a user equipment determines a plurality of ROs in a plurality of time units. The plurality of ROs includes ROs in SBFD time units and ROs in non-SBFD time units. A first plurality of SSBs are mapped to the ROs in non-SBFD time units, and a second plurality of SSBs are mapped to the ROs in SBFD time units. The user equipment transmits, to the base station, a PRACH transmission with a configured number of repetitions in a first RO group among at least one RO group. Each RO group in the at least one RO group is a candidate RO group for the configured number of repetitions and includes ROs associated with a SSB, the SSB is one SSB among at least one of the first plurality of SSBs or the second plurality of SSBs.

