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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 February 2025 (13.02.2025)

WIPO | PCT

(10) International Publication Number
WO 2025/030911 A1

(51) International Patent Classification:
*H04W 24/10* (2009.01)

(21) International Application Number:
PCT/CN2024/087514

(22) International Filing Date:
12 April 2024 (12.04.2024)

(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.

(54) Title: RESOURCE CONFIGURATION AND UCI DESIGN FOR CSI REPORTING

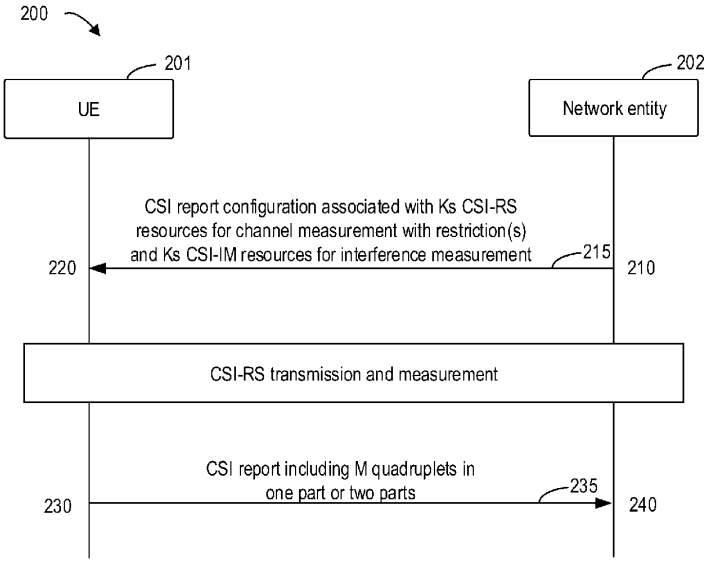



FIG. 2

(57) Abstract: Various aspects of the present disclosure relate to a UE, a processor for wireless communication, a network entity, and methods for CSI reporting. The UE receives a CSI report configuration associated with Ks CSI-RS resources for channel measurement and Ks CSI-IM resources for interference measurement, wherein each of the CSI-RS resources is configured with an independent RI restriction and/or an independent codebook subset restriction. The UE transmits a CSI report including M quadruplets in one part or two parts, M being equal to or less than Ks, wherein the M quadruplets comprise CRI (s) indicating the M CSI-RS resources among the Ks CSI-RS resources, and RI(s), PMI (s) and CQI (s) corresponding to the indicated M CSI-RS resources. In this way, enhancements on the resource configuration for channel measurement and interference measurement are achieved.

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*[Continued on next page]*

(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))*
— *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))*
— *upon request of the applicant, before the expiration of the time limit referred to in Article 21(2)(a)*