



- (51) International Patent Classification:
H04W 72/04 (2023.01) H04J 13/18 (2011.01)
H04W 72/12 (2023.01)
- (21) International Application Number:
PCT/CN2024/073862
- (22) International Filing Date:
24 January 2024 (24.01.2024)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant: LENOVO (BEIJING) LIMITED [CN/CN]; 6 Shangdi West Road, Haidian District, Beijing 100085 (CN).
- (72) Inventors: YAN, Zhi; Lenovo Hq. No. 10 Xibeiwang East Road, Haidian District, Beijing 100094 (CN). LIU, Hongmei; Lenovo Hq. No. 10 Xibeiwang East Road, Haidian District, Beijing 100094 (CN). ZHANG, Yuantao; Lenovo Hq. No. 10 Xibeiwang East Road, Haidian District, Beijing 100094 (CN).
- (74) Agent: LEE AND LI - LEAVEN IPR AGENCY LTD.; Unit 2202, Tower A, Beijing Pudi Hotel, No. 7 Jian Guo Men South Avenue, Dongcheng District, Beijing 100005 (CN).
- (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))
 - 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)

(54) Title: METHOD AND APPARATUS OF UPLINK TRANSMISSIONS

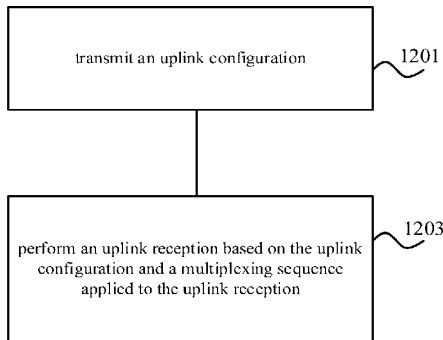


Figure 12

(57) Abstract: Various aspects of the present disclosure relate to a method and apparatus of uplink transmissions. An exemplary method performed by a UE may include: receiving an uplink configuration; and performing an uplink transmission based on the uplink configuration and a multiplexing sequence applied to the uplink transmission, wherein the multiplexing sequence or each element of the multiplexing sequence is applicable to the uplink transmission for an applied duration.