

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
06 October 2022 (06.10.2022)



(10) International Publication Number
WO 2022/205354 A1

- (51) **International Patent Classification:**
H04W 72/12 (2009.01)
- (21) **International Application Number:**
PCT/CN2021/085058
- (22) **International Filing Date:**
01 April 2021 (01.04.2021)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (71) **Applicants (for CN only):** **NOKIA SHANGHAI BELL CO., LTD.** [CN/CN]; No. 388 Ningqiao Road, Pudong Jin-qiao, Shanghai 201206 (CN). **NOKIA SOLUTIONS AND NETWORKS OY** [FI/FI]; Karakaari 7, 02610 Espoo (FI).
- (71) **Applicant (for all designated States except CN):** **NOKIA TECHNOLOGIES OY** [FI/FI]; Karakaari 7, 02610 Espoo (FI).
- (72) **Inventors:** **HE, Jing**; No. 10 NanHu Nan Road, 523-1803, Chaoyang District, Beijing 100102 (CN). **TOMALA, Malgorzata**; Ul. Objazdowa 76/11, 54-513 Wroclaw (PL).
- (74) **Agent:** **KING & WOOD MALLESONS**; 20th Floor, East Tower, World Financial Centre, No. 1 Dongsanhuan Zhonglu, Chaoyang District, Beijing 100020 (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, 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, IT, 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, 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))

- (54) **Title:** CONTROLLING OF QUALITY OF EXPERIENCE MEASUREMENT

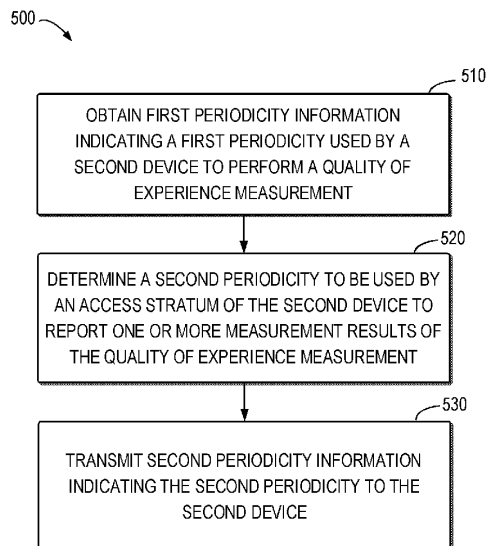


Fig. 5

(57) **Abstract:** Embodiments of the present disclosure relate to a method, device and computer readable storage medium of communication. The method implemented at a first device comprises: obtaining first periodicity information indicating a first periodicity. The first periodicity is used by a second device to perform a quality of experience measurement. The method further comprises determining a second periodicity to be used by an AS of the second device to report one or more measurement results of the QoE measurement. The method further also comprises transmitting second periodicity information indicating the second periodicity to the second device. In this way, the first device may be involved in the procedure of configuration and maintaining the QoE measurement. More specifically, the first device may control the interval for reporting QoE measurement results.

WO 2022/205354 A1