

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
06 January 2022 (06.01.2022)



(10) International Publication Number
WO 2022/002528 A1

(51) International Patent Classification:
H04W 72/04 (2009.01)

(21) International Application Number:
PCT/EP2021/064974

(22) International Filing Date:
04 June 2021 (04.06.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20183543.6 01 July 2020 (01.07.2020) EP

(71) Applicant: **NOKIA TECHNOLOGIES OY** [FI/FI];
Karakaari 7, 02610 Espoo (FI).

(72) Inventors: **KIILERICH PRATAS**, Nuno Manuel; Digevangen 16, 9260 Gistrup (DK). **ROSA, Claudio**; Kong Olafs vej 27, 8920 Randers NV (DK). **LASELVA, Daniela**; Septembervej 1A, 9270 Klarup (DK).

(74) Agent: **NOKIA EPO REPRESENTATIVES**; Nokia Technologies Oy, Karakaari 7, 02610 Espoo (FI).

(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: USER EQUIPMENT OPERATION DURING AN INACTIVE STATE

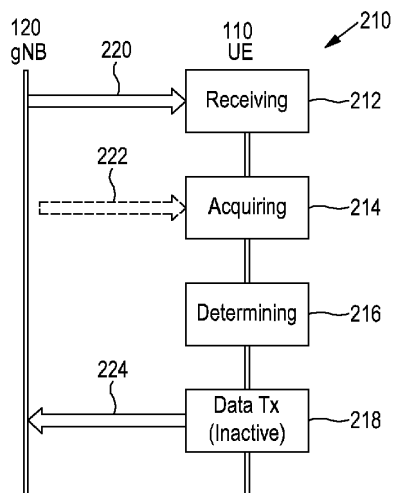


FIG. 6

(57) Abstract: An apparatus comprising means for: receiving, at a user equipment (UE) from a base station provisioning of a plurality of pre-configured radio resources for data transmission during an inactive state of the UE, wherein a pre-configured radio resource is associated with a set of one or more transmission beams; acquiring at the UE validity information associated with one or more said pre-configured resources; using at least the validity information to determine, for use, a valid preconfigured radio resource.

WO 2022/002528 A1