

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
10 October 2019 (10.10.2019)



(10) International Publication Number
WO 2019/193237 A1

(51) International Patent Classification:

H04W 48/02 (2009.01) *H04W 48/20* (2009.01)
H04W 48/16 (2009.01) *H04W 72/04* (2009.01)
H04W 48/00 (2009.01) *H04W 88/06* (2009.01)
H04W 48/18 (2009.01)

(21) International Application Number:

PCT/FI2018/050245

(22) International Filing Date:

05 April 2018 (05.04.2018)

(25) Filing Language:

English

(26) Publication Language:

English

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

(72) Inventors: **KOZIOL, Dawid**; Mechaniczna 8, 67-200 Glogow (PL). **HELMERS, Hakon**; 15 rue Jean Mascré, 82330 Sceaux (FR).

(74) Agent: **NOKIA TECHNOLOGIES OY** et al.; Ari Aarnio, IPR Department, 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, 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, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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).

(54) Title: IMPROVING CELL ACCESS PROCEDURE

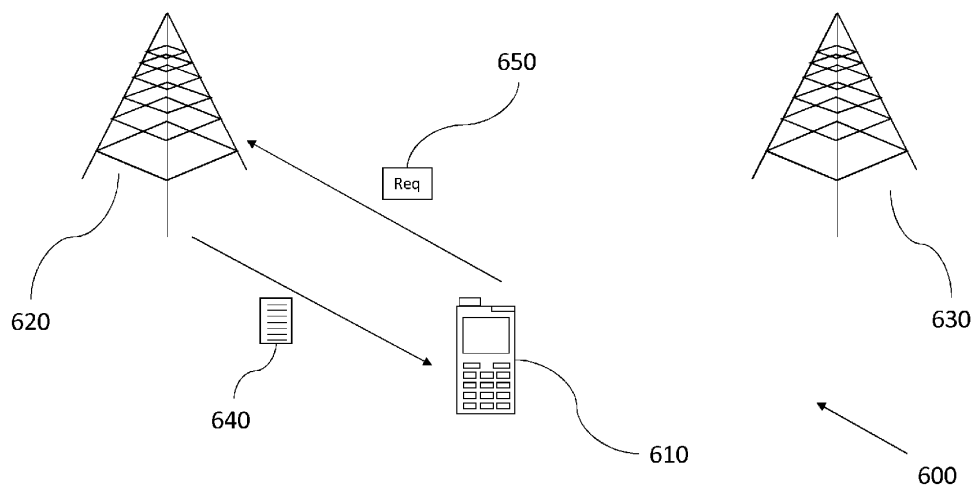


Figure 6

(57) Abstract: A method comprising: detecting at a device associated with a first public land mobile network, a cell; receiving, for each of a plurality of public land mobile networks supported by the cell, an indication as to whether or not the cell is available for standalone access for that public land mobile network; and determining, in dependence upon the indications and based on the first public land mobile network, whether to request standalone access of the cell.

[Continued on next page]

WO 2019/193237 A1

Published:

— *with international search report (Art. 21(3))*