

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
07 August 2025 (07.08.2025)



(10) International Publication Number
WO 2025/163004 A1

(51) International Patent Classification:

H04W 36/00 (2009.01) H04W 74/0836 (2024.01)
H04W 74/0833 (2024.01) H04W 76/00 (2018.01)

(21) International Application Number:

PCT/EP2025/052276

(22) International Filing Date:

29 January 2025 (29.01.2025)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20245109 02 February 2024 (02.02.2024) FI

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

(72) Inventors: **KOSKELA, Timo**; Nokia Solutions and Networks Oy, Kaapelitie 4 (Rusko I), 90620 Oulu (FI). **TURTINEN, Samuli Heikki**; Nokia Solutions and Networks Oy, Kaapelitie 4 (Rusko I), 90620 Oulu (FI).

(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, 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, UY, 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,

(54) Title: RESOURCE MANAGEMENT FOR CELL SWITCH

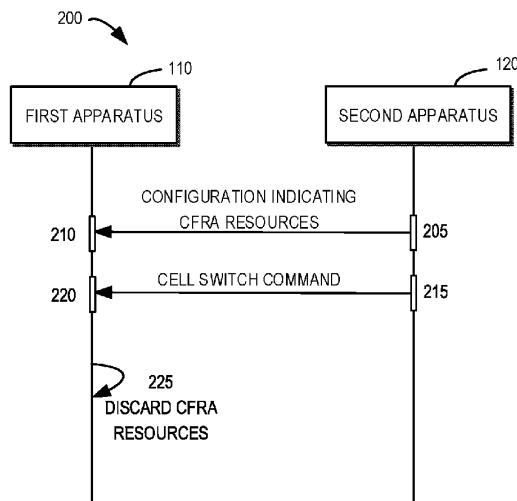


FIG. 2

(57) Abstract: Example embodiments of the disclosure relate to methods, apparatuses, and computer readable storage medium for resource management for a cell switch. In a method, an apparatus receives a configuration indicating contention free random access (CFRA) resources for at least one candidate cell. The apparatus receives a cell switch command indicating a target cell which is one of the at least one candidate cell. The apparatus discards the CFRA resources based on a Random Access Channel (RACH)-less cell switch to the target cell.

[Continued on next page]

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))*
- *in black and white; the international application as filed
contained color or greyscale and is available for download
from PATENTSCOPE*