



- (51) **International Patent Classification:**
H04W 36/14 (2009.01) **H04W 60/04** (2009.01)
H04W 48/18 (2009.01)
- (21) **International Application Number:**
 PCT/JP2013/058886
- (22) **International Filing Date:**
 15 March 2013 (15.03.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
 1205827.7 30 March 2012 (30.03.2012) GB
- (71) **Applicant (for all designated States except US):** **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
- (72) **Inventors; and**
- (73) **Applicants (for US only):** **IANEV, Iskren** [GB/GB]; c/o NEC Technologies (UK) Ltd., The Imperium, Imperial Way, Reading, Berkshire, RG20TD (GB). **LAIR, Yannick** [FR/GB]; c/o NEC Technologies (UK) Ltd., The Imperium, Imperial Way, Reading, Berkshire, RG20TD (GB).

GOTOU, Kouhei [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

- (74) **Agent:** **IEIRI, Takeshi**; HIBIKI IP Law Firm, Asahi Bldg. 10th Floor, 3-33-8, Tsuruya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210835 (JP).

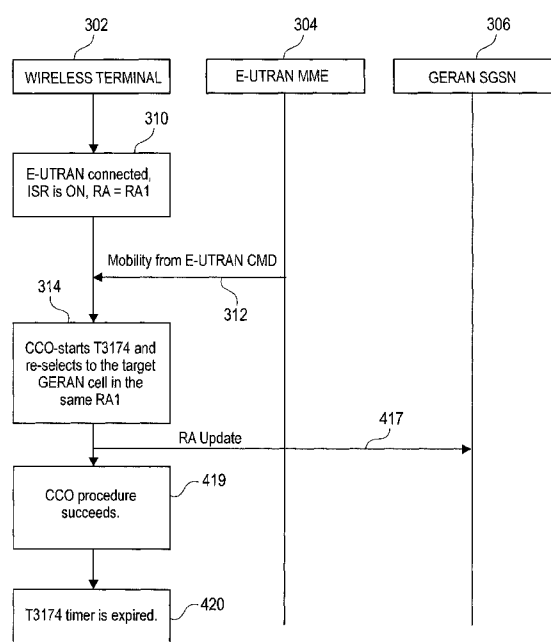
(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, 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, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,

[Continued on next page]

(54) **Title:** IMPROVED INTERSYSTEM CHANGE BETWEEN DIFFERENT RADIO ACCESS NETWORKS

Fig. 4



(57) **Abstract:** A wireless terminal can communicate with two radio access networks (RAN) (304, 306) of different types. The wireless terminal can register simultaneously with a RAN of the first type and a RAN of the second type and can wirelessly connect to a RAN of either the first type or the second type in a connected state. The wireless terminal when registered with both a first RAN and a second RAN and when wirelessly connected to the first RAN in the connected state, receives a mobility signal via the first RAN indicating a RAN of the second type and, in response to receiving the mobility signal and in response to being so registered with the first RAN and second RAN, transmits an access trigger signal (417). The access trigger signal indicates that the wireless terminal is to be connected to the second RAN in the connected state.



EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, **Published:**

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, ML, MR, NE, SN, TD, TG).

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