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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 April 2009 (09.04.2009)

PCT

(10) International Publication Number
WO 2009/046061 A3

(51) International Patent Classification:
H04W 74/08 (2009.01)

(21) International Application Number:
PCT/US2008/078385

(22) International Filing Date:
1 October 2008 (01.10.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/976,758	1 October 2007 (01.10.2007)	US
60/985,412	5 November 2007 (05.11.2007)	US
60/992,427	5 December 2007 (05.12.2007)	US
12/241,457	30 September 2008 (30.09.2008)	US

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(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, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) Title: ENHANCED UPLINK FOR INACTIVE STATE IN A WIRELESS COMMUNICATION SYSTEM

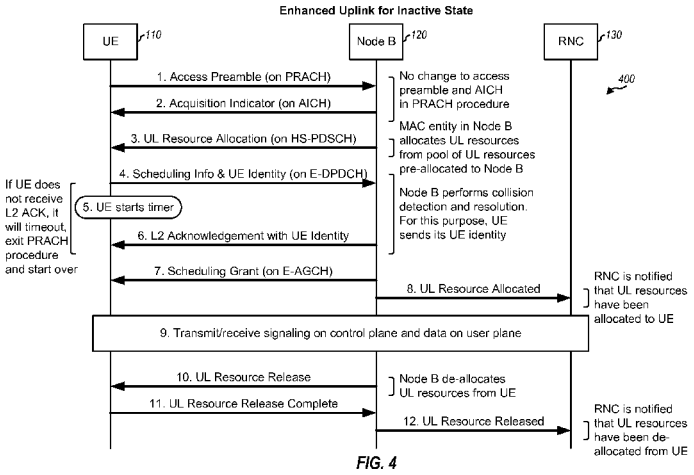


FIG. 4

(57) Abstract: Techniques for supporting operation with enhanced uplink in inactive state are described. A user equipment (UE) may send an access preamble for random access while in an inactive state and may receive a message containing resources allocated to the UE. The allocated resources may be selected by a Node B from a pool of resources pre-allocated to the Node B for the enhanced uplink. The UE may send information (e.g., scheduling information and/or its UE identity) to the Node B using the allocated resources. The UE may receive an acknowledgement addressed to the UE based on the UE identity. The UE may remain in the inactive state and continue to use the allocated resources until they are de-allocated. Alternatively, the UE may transition to an active state and either continue to use the allocated resources or receive an allocation of new resources for the active state.

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
5 November 2009