

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 December 2007 (13.12.2007)

PCT

(10) International Publication Number
WO 2007/142452 A3

(51) International Patent Classification:
H04W 36/00 (2009.01) H04L 12/56 (2006.01)
H04W 88/02 (2009.01) H04L 12/28 (2006.01)

(21) International Application Number:
PCT/KR2007/002725

(22) International Filing Date: 5 June 2007 (05.06.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2006-0050530 5 June 2006 (05.06.2006) KR

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, 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, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, 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, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

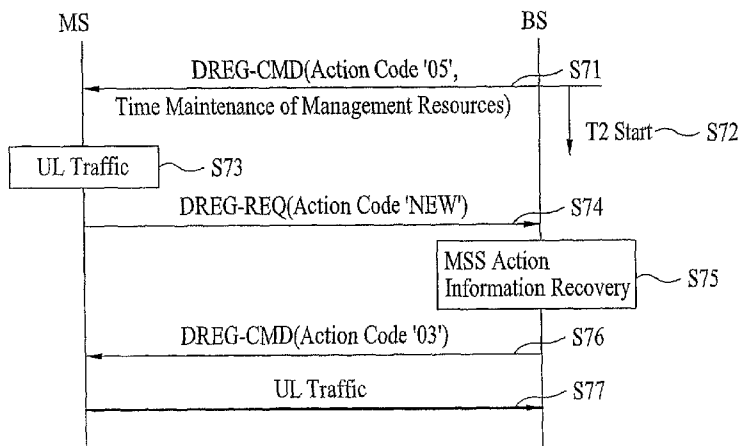
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
28 May 2009

(54) Title: A METHOD OF CONTROLLING IDLE MODE INITIATION OF A MOBILE STATION IN A BROADBAND WIRELESS ACCESS SYSTEM



(57) Abstract: A method of controlling entry into an idle mode in a wireless communication system is disclosed. More specifically, the method includes receiving from a base station (BS) a first message (S71) including a first action code, wherein the first action code requests a mobile station (MS) to de-register from the BS and initiate idle mode, and if the MS has pending uplink data, transmitting a second message (S74) including a second action code, wherein the second action code rejects the request from the BS.

WO 2007/142452 A3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2007/002725

| A. CLASSIFICATION OF SUBJECT MATTER IPC ⁸ : H04W 36/00 (2009.01); H04W 88/02 (2009.01); H04L 12/56 (2006.01); H04L 12/28 (2006.01) According to International Patent Classification (IPC) or to both national classification and IPC | | |
|--|--|---|
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC ⁸ : H04Q, H04L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPODOC, WPI | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | WO 2006/016766 A2 (LG ELECTRONICS INC.) 16 February 2006 (16.02.2006) <i>Abstract, page 4, line 12 - page 7, line 9, figures 2 - 5</i> -- | 1-21 |
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| Date of the actual completion of the international search 13 February 2009 (13.02.2009) | | Date of mailing of the international search report 07. April 2009 (07.04.2009) |
| Name and mailing address of the ISA/ AT Austrian Patent Office Dresdner Straße 87, A-1200 Vienna Facsimile No. +43 / 1 / 534 24 / 535 | | Authorized officer ERDÖS György Telephone No. +36 / 1 / 474-5918 |

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2007/002725

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| A | WO 2005/120178 A2 (LG ELECTRONICS INC.) 22 December 2005 (22.12.2005) <i>Abstract, page 12, line 12 - page 18, line 3, figures 2, 7</i> ---- | 1-21 |

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