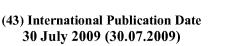
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau







(10) International Publication Number WO 2009/094150 A3

(51) International Patent Classification:

H04W 52/14 (2009.01) **H04W 52/28** (2009.01) **H04W 28/18** (2009.01) **H04W 28/18** (2009.01)

H04W 52/34 (2009.01)

(21) International Application Number:

PCT/US2009/000381

English

(22) International Filing Date:

22 January 2009 (22.01.2009)

(25) Filing Language:

(26) Publication Language: English

(30) Priority Data:

12/019,691 25 January 2008 (25.01.2008) US

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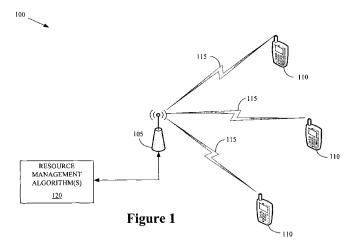
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, 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, MK, 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).

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:

24 September 2009

(54) Title: METHOD OF PRIORITIZING USER THROUGHPUT AND USER THROUGHPUT LIMITS FOR BEST-EFFORT APPLICATION IN CDMA2000 1XEV-DO WIRELESS COMMUNICATION SYSTEM



(57) Abstract: The present invention provides a method implemented in a mobile unit configured to communicate with at least one base station over an uplink. The method includes receiving, at the mobile unit and from the base station, a first attribute indicative of a traffic-to-pilot power ratio and a second attribute indicative of a resource provision limit. The first attribute is formed based on a priority weight associated with best effort communication with the mobile unit. The second attribute is formed based on a maximum throughput associated with best effort communication with the mobile unit. The method also includes modifying an uplink transmission power based upon the first attribute and information indicative of congestion at the base station.



INTERNATIONAL SEARCH REPORT

International application No PCT/US2009/000381

CLASSIFICATION OF SUBJECT MATTER NV. H04W52/14 H04W5 H04W52/32 INV. H04W52/34 H04W52/28 H04W28/18 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) HO4W 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 practical, search terms used) EPO-Internal, WPI Data, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α US 2007/070908 A1 (GHOSH DONNA [US] ET AL) 1,7 29 March 2007 (2007-03-29) abstract paragraphs [0071], [0080], [0099], [0111], [0171], [0172] US 2006/252429 A1 (CHEN PI-CHUN [US] ET Α 1,7 AL) 9 November 2006 (2006-11-09) abstract paragraphs [0003], [0004], [0008] -[0011], [0018], [0031] Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 28 July 2009 04/08/2009 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016 Lustrini, Donato

INTERNATIONAL SEARCH REPORT

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International application No
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