

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 November 2006 (23.11.2006)

PCT

(10) International Publication Number
WO 2006/124907 A3

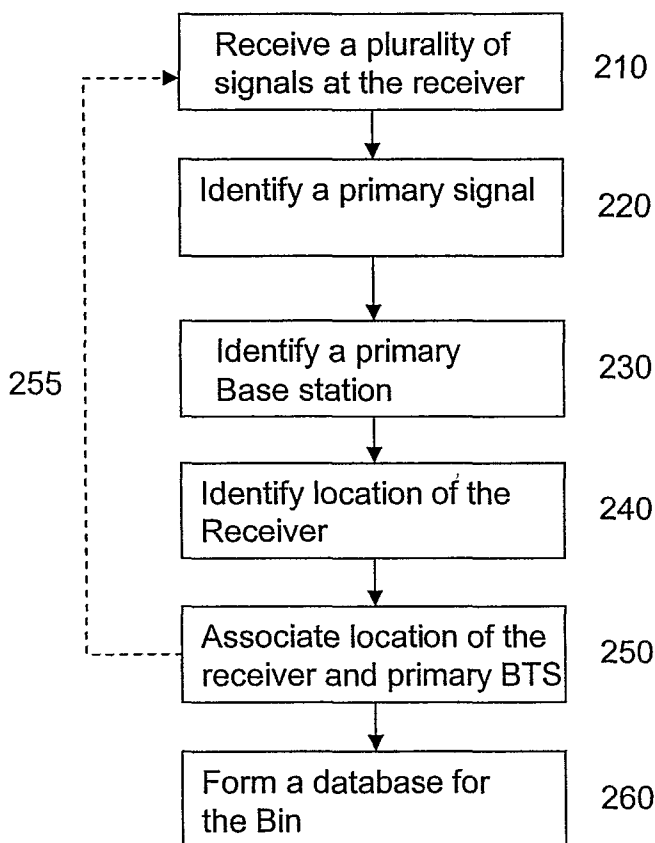
- (51) International Patent Classification:
H04Q 7/20 (2006.01)
- (21) International Application Number:
PCT/US2006/018931
- (22) International Filing Date: 17 May 2006 (17.05.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/681,475 17 May 2005 (17.05.2005) US
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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, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, 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

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR DETERMINING COUPLED PATH LOSS



(57) Abstract: The disclosure generally relates to method and apparatus for determining coupled path loss in a small geographical which is served by a plurality of transmitters and is subject to broad signal level variation. In one embodiment, the disclosure relates to a method for determining performance of a signal received by a wireless device located within a bin of a cell of a cellular communication system. The method comprises determining the value of the received signal level as a function of the sum of the signal levels received from a primary base station at a primary cell divided by a number of signal level measurements from said primary base station.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

19 April 2007

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 06/18931

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8): H04Q 7/20 (2006.01)
 USPC: 455/456.1
 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)
 USPC: 342/357.06,357.07,357.08,357.09,357.1

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)
 Electronic data base:USPTO WEST (USPT,PGPB,EPAB,JPAB)
 Search terms used: path loss,wireless or mobile device,cellular,measuring signal-to-noise,signal-to-interference,base station,geolocation

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,236,365 B1 (LEBLANC) 22 May 2001 (22.05.2001) [(Fig. 2 elmt 122a-f)(col 7 ln 45)(col 36 ln 57-58)(col 46 ln 18-20)]	1, 2, 4-6, 9-17, 19-26 ----- 3, 7, 8, 18
Y	US 6,556,832 B1 (SOLIMAN) 29 April 2003 (29.04.2003) [col 5 ln 14-15]	3, 7, 8, 18

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance	"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 invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"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)	"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 documents, such combination being obvious to a person skilled in the art
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"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 20 November 2006 (20.11.2006)	Date of mailing of the international search report 13 FEB 2007
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774
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