



(51) International Patent Classification:

H04B 7/02 (2006.01) *H04B* 7/04 (2006.01)
H04L 5/14 (2006.01) *H04L* 1/00 (2006.01)

(21) International Application Number:

PCT/US2010/039670

(22) International Filing Date:

23 June 2010 (23.06.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/220,039 24 June 2009 (24.06.2009) 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, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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.

[Continued on next page]

(54) Title: METHOD FOR PERFORMING ANTENNA MANGEMENT IN LTE-A COMMUNICATION SYSTEMS AND CORRESPONDING APPARATUS

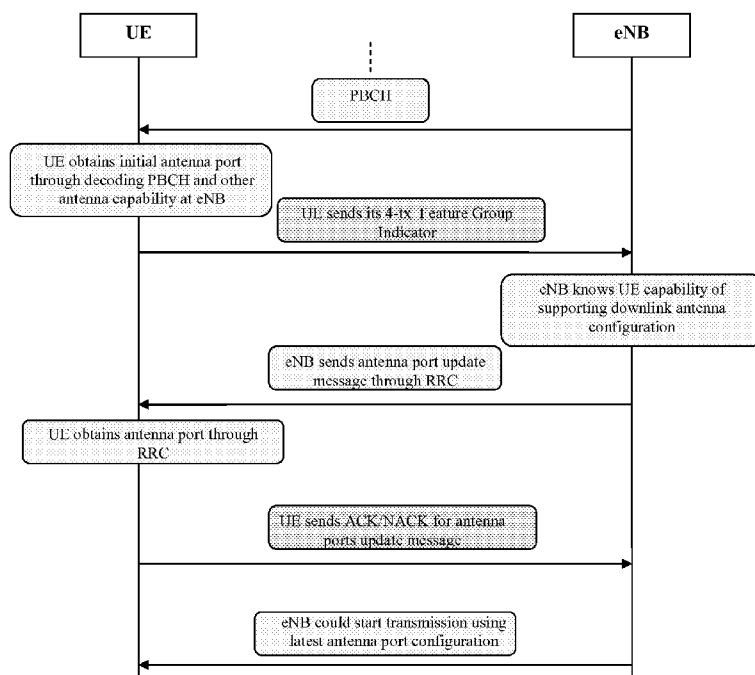


Figure 3

(57) Abstract: A method of establishing communication between user equipment and a network includes receiving a control channel message, decoding the control channel message, and sending an indication of whether interoperability of receiving signals from a first number of antennas is certified for the user equipment.



(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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, SM, 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))*

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

24 November 2011

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2010/039670

A. CLASSIFICATION OF SUBJECT MATTER

INV. H04B7/02 H04L5/14 H04B7/04 H04L1/00
 ADD.

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)

H04B 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 practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Radio Resource Control (RRC); Protocol specification (Release 8)", 3GPP STANDARD; 3GPP TS 36.331, no. V8.5.0, 1 March 2009 (2009-03-01), pages 1-193, XP050377648, FRANCE cited in the application Sections 4, 5, and 6 ----- -/--	1-56



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See patent family annex.

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Date of the actual completion of the international search

17 August 2011

Date of mailing of the international search report

24/08/2011

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2010/039670

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MOTOROLA: "Antenna Configuration Information Element", 3GPP DRAFT; R2-084204, no. Jeju; 20080812, 18 August 2008 (2008-08-18), - 22 August 2008 (2008-08-22), XP050319330, FRANCE [retrieved on 2008-08-12] Sections 1-5 -----	1-56
X	US 2009/060088 A1 (CALLARD AARON [CA] ET AL) 5 March 2009 (2009-03-05) abstract paragraph [0002] - paragraph [0076] -----	1-56
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2010/039670

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