



(51) International Patent Classification:

H04L 29/06 (2006.01) H04W 12/08 (2009.01)
H04W 48/14 (2009.01)

(21) International Application Number:

PCT/GB2010/000834

(22) International Filing Date:

26 April 2010 (26.04.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/172,597 24 April 2009 (24.04.2009) US
12/504,500 16 July 2009 (16.07.2009) US

(71) Applicants (for all designated States except US): **RE-SEARCH IN MOTION LIMITED** [CA/CA]; 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA). **RE-SEARCH IN MOTION UK LIMITED** [GB/GB]; Centrum House, 36 Station Road, Egham, Surrey TW20 9LF (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MCCANN, Stephen** [GB/GB]; 9 Phillips Close, Rownhams, Southampton SO16 8LT (GB). **MONTEMURRO, Michael** [CA/CA]; 4701 Tahoe Blvd, Extension: 14999, Mississauga L4W 0B4 (CA).

(74) Agents: **KILBURN & STRODE LLP** et al.; 20 Red Lion Street, London WC1R 4PJ (GB).

(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.

(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,

[Continued on next page]

(54) Title: METHODS AND APPARATUS TO DISCOVER AUTHENTICATION INFORMATION IN A WIRELESS NETWORKING ENVIRONMENT

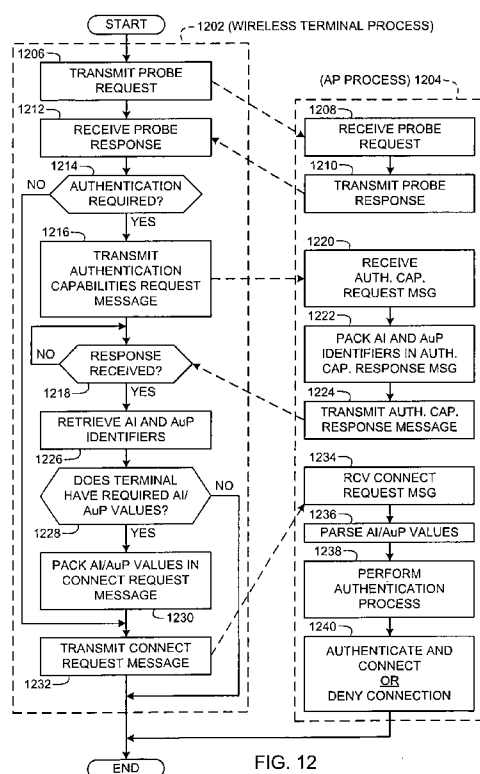


FIG. 12

(57) Abstract: Example methods and apparatus to discover authentication information in a wireless networking environment are disclosed. A disclosed example method involves transmitting a request to a network access point, the request requesting identifiers indicative of authentication information. The authentication information is indicative of an authentication value required from a wireless terminal. A response to the request is received from the network access point. Authentication information is retrieved from the response.



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, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *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:

17 March 2011

Published:

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