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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 August 2012 (16.08.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/109272 A1

(51) International Patent Classification:
H04W 8/24 (2009.01)

(21) International Application Number:
PCT/US2012/024180

(22) International Filing Date:
7 February 2012 (07.02.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/441,895 11 February 2011 (11.02.2011) US

(71) Applicant *(for all designated States except US)*: **INTERDIGITAL PATENT HOLDINGS, INC.** [US/US]; 3411 Silverside Road, Hagley Building, Suite 105, Wilmington, DE 19810 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **PERRAS, Michelle** [CA/CA]; 4434 Christophe-Colomb, Montreal, Quebec H2J 3G5 (CA).

(74) Agents: **ROCCIA, Vincent, J.** et al.; Condo Roccia LLP, One Liberty Place, Suite 2200, 1650 Market Street, Philadelphia, PA 19103 (US).

(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, QA, RO, RS, RU, RW, 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, RW, 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, RS, 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))*

WO 2012/109272 A1

(54) Title: SYSTEMS AND METHODS FOR EXTENDED/ENHANCED LOGICAL INTERFACE BEHAVIOR

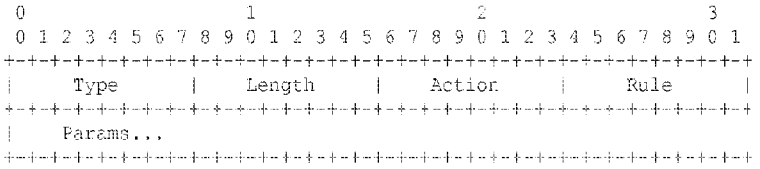


FIG. 5

(57) Abstract: Systems, methods, and instrumentalities are disclosed to configure a mobile node. A mobile node may receive a configuration message. The configuration message may be received from an access network discovery and selection function (ANDSF), which may be part of an open mobile alliance device management (OMA DM) server. The configuration message may comprise a mobile node rule. The mobile node may change a configuration of the mobile node in accordance with the mobile node rule. The mobile node rule may indicate that the mobile node is to transmit uplink packets on a certain interface. The mobile node may transmit an uplink packet over the interface indicated by the mobile node rule.