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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 July 2009 (16.07.2009)

PCT

(10) International Publication Number
WO 2009/089486 A1

(51) International Patent Classification:
H04W 4/02 (2009.01) *H04W 8/16* (2009.01)
H04W 8/22 (2009.01) *H04W 64/00* (2009.01)
H04W 8/18 (2009.01)

(21) International Application Number:
PCT/US2009/030651

(22) International Filing Date: 9 January 2009 (09.01.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/020,635 11 January 2008 (11.01.2008) US
12/246,815 7 October 2008 (07.10.2008) 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,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR USING SERVICE CAPABILITY INFORMATION FOR USER PLANE LOCATION

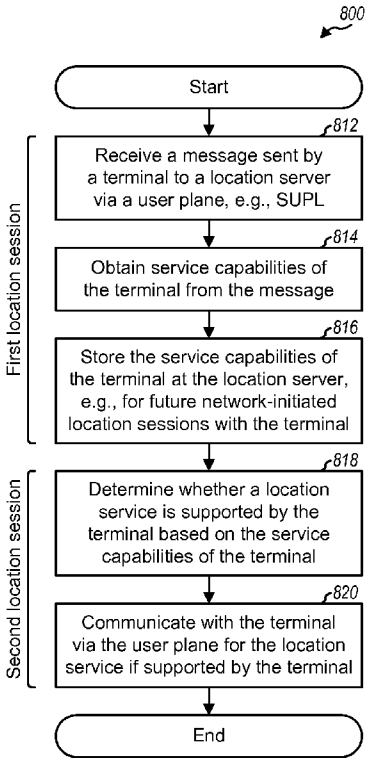


FIG. 8

(57) Abstract: Techniques for supporting location services in a user plane location architecture such as Secure User Plane Location (SUPL) are described. In an aspect, a terminal informs a location server of service capabilities of the terminal. The location server uses the service capabilities to request only location services supported by the terminal and to avoid requesting unsupported location services. The terminal generates a message containing its service capabilities and sends the message via a user plane, e.g., SUPL. The location server receives the message, obtains the service capabilities of the terminal, and stores these service capabilities for future network-initiated location sessions with the terminal. The location server determines whether a location service is supported by the terminal based on the service capabilities of the terminal. The location server communicates with the terminal via the user plane for the location service if supported by the terminal.

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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).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report*