

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 November 2005 (24.11.2005)

PCT

(10) International Publication Number
WO 2005/112488 A2

(51) International Patent Classification⁷: **H04Q 7/20**

(21) International Application Number:
PCT/US2005/015986

(22) International Filing Date: 9 May 2005 (09.05.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/569,014 7 May 2004 (07.05.2004) US

(71) Applicant (for all designated States except US): **INTER-DIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, Delaware 19801 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RUDOLF, Marian** [DE/CA]; 2046 Rue de la Visitation, Montreal, Québec H2L 3C7 (CA). **RAHMAN, Shamin, Abkar** [CA/CA]; 1700 Rene-Levesque Blvd. West, Apt. 1003, Montreal, Québec H3H 2V1 (CA). **ZUNIGA, Juan, Carlos** [MX/CA]; 955 Rue Gohier Ville St. Laurant, Montreal, Québec H4L 3J4 (CA). **KWAK, Joseph** [US/US]; 482 Degas Road, Bolingbrook, Illinois 60440 (US).

(74) Agent: **GELMAN, Steven, J.**; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, Pennsylvania 19103 (US).

(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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, 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.

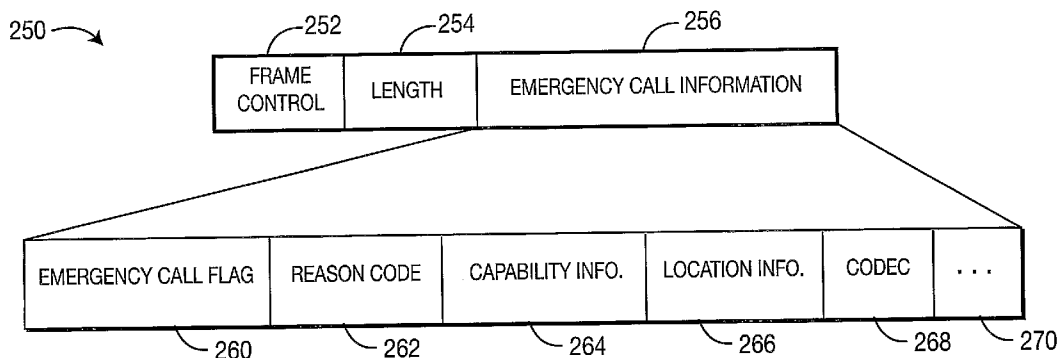
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, 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:

— without international search report and to be republished upon receipt of that report

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.

(54) Title: SUPPORTING EMERGENCY CALLS ON A WIRELESS LOCAL AREA NETWORK



(57) Abstract: A device for identifying an emergency call in a wireless local area network includes an indicator to identify a call as an emergency call. The indicator can be a bit flag or an information element. The information element can include location information regarding the location of the station that placed the emergency call. This information can be used to locate the caller. The location information can be transmitted from the station to an access point separately from an emergency call.

WO 2005/112488 A2