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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
17 July 2008 (17.07.2008)

PCT

(10) International Publication Number
WO 2008/083463 A1

(51) International Patent Classification:
H04Q 7/20 (2006.01) *H04Q 7/22* (2006.01)
H04L 29/06 (2006.01) *H04Q 7/38* (2006.01)

(21) International Application Number:
PCT/CA2008/000009

(22) International Filing Date: 8 January 2008 (08.01.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/621,385 9 January 2007 (09.01.2007) US

(71) Applicant *(for all designated States except US)*: **RESEARCH IN MOTION LIMITED** [CA/CA]; 495 Phillip Street, Waterloo, ON N2L 3W8 (CA).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **SUZUKI, Takashi** [JP/JP]; 4-27-8-111 Kitakokubun, Ichikawa, Chiba 272-0836 (JP). **WOMACK, James, Earl** [US/US]; 32 Linderhof Circle, Bedford, TX 76022 (US). **YOUNG, Gordon, Peter** [GB/GB]; 18 Signal Road, Shipston-on-stour Warwickshire CV36 4GF (GB).

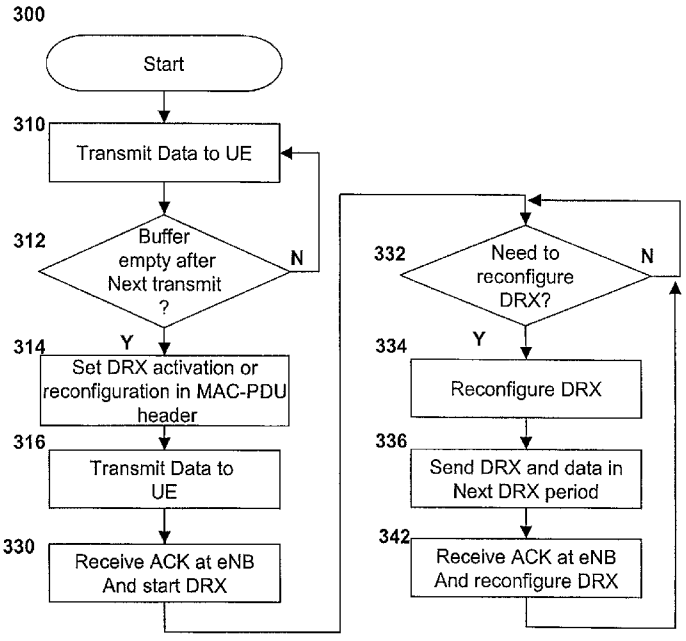
(74) Agent: **MOFFAT & CO.**; P.O. Box 2088, Station D, 1200-427 Laurier Avenue West, Ottawa, ON K1P 5W3 (CA).

(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, 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, 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, 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).

Published:
— *with international search report*

(54) **Title:** METHOD AND SYSTEM FOR THE SUPPORT OF A LONG DRX IN AN LTE_ACTIVE STATE IN A WIRELESS NETWORK



(57) **Abstract:** A method of DRX signaling in a long-term evolution infrastructure between an evolved node B (eNB) and user equipment (UE), the method having the steps of providing a DRX value in a header of a medium access control protocol data unit (MAC-PDU); acknowledging the MAC-PDU; and activating, deactivating or reconfiguring DRX based on the provided DRX value.

WO 2008/083463 A1