

(12) International Application Status Report

Received at International Bureau: 25 September 2019 (25.09.2019)

Information valid as of: 12 May 2020 (12.05.2020)

Report generated on: 22 September 2020 (22.09.2020)

(10) Publication number:

WO2020/116753

(43) Publication date:

11 June 2020 (11.06.2020)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/KR2019/012043

(22) Filing Date:

18 September 2019 (18.09.2019)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/775,891 (US)

(31) Priority date(s):

05 December 2018 (05.12.2018)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

H04W 72/14 (2009.01); **H04W 28/02** (2009.01)

(71) Applicant(s):

LG ELECTRONICS INC. [KR/KR]; 128, Yeoui-daero Yeongdeungpo-Gu Seoul 07336 (KR) *(for all designated states)*

(72) Inventor(s):

LEE, Sunyoung; IP Center, LG Electronics Inc. 19, Yangjae-daero 11-gil Seocho-Gu Seoul 06772 (KR)

LEE, Eunjong; IP Center, LG Electronics Inc. 19, Yangjae-daero 11-gil Seocho-Gu Seoul 06772 (KR)

YI, Seungjune; IP Center, LG Electronics Inc. 19, Yangjae-daero 11-gil Seocho-Gu Seoul 06772 (KR)

(74) Agent(s):

KBK & ASSOCIATES; (Jamsil Hyundai Building 7th Floor) 82, Olympic-ro, Songpa-gu Seoul 05556 (KR)

(54) Title (EN): METHOD AND APPARATUS FOR TRANSMITTING DATA UNIT IN WIRELESS COMMUNICATION SYSTEM

(54) Title (FR): PROCÉDÉ ET APPAREIL DE TRANSMISSION D'UNE UNITÉ DE DONNÉES DANS UN SYSTÈME DE COMMUNICATION SANS FIL

(57) Abstract:

(EN): The present disclosure relates to a method for transmitting a protocol data unit (PDU) by a transmission end in a wireless communication system. In particular, the method includes receiving an uplink (UL) grant from a network; when the UL grant can accommodate all of pending data for a first logical channel but is not sufficient to additionally accommodate a buffer status report (BSR), including the pending data for the first logical channel to the PDU with canceling the BSR; and transmitting the PDU to the network, wherein the UL grant cannot additionally accommodate all of pending data for a second logical channel.

(FR): L'invention concerne un procédé permettant de transmettre une unité de protocole de données (PDU) par une extrémité de transmission dans un système de communication sans fil. En particulier, le procédé comprend la réception d'une autorisation de liaison montante (UL) à partir d'un réseau ; lorsque l'autorisation UL peut recevoir toutes les données en attente pour un premier canal logique mais n'est pas suffisante pour recevoir en plus un rapport d'état de tampon (BSR), l'inclusion des données en attente pour le premier canal logique vers la PDU avec annulation du BSR ; et la transmission de la PDU au réseau, l'autorisation UL ne pouvant pas recevoir en plus toutes les données en attente pour un second canal logique.

International search report:

Received at International Bureau: 16 January 2020 (16.01.2020) [KR]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM