

Title (en)

METHOD AND APPARATUS TO ASSIST NETWORK TRAFFIC

Title (de)

VERFAHREN UND VORRICHTUNG ZUR UNTERSTÜTZUNG VON NETZWERKVERKEHR

Title (fr)

PROCÉDÉ ET APPAREIL POUR ASSISTER UN TRAFIC RÉSEAU

Publication

**EP 3117657 A4 20170830 (EN)**

Application

**EP 15761235 A 20150307**

Priority

- US 201461953662 P 20140314
- US 201414581216 A 20141223
- US 2015019338 W 20150307

Abstract (en)

[origin: WO2015138265A1] Described is a User Equipment (UE) to communicate with an eNB on an LTE network, the UE comprising: EPS bearers, at least one of which is configured with a TFT, wherein the TFT includes one or more packet filters; a transmitter to transmit traffic over the LTE network to the eNB, the traffic having packets; and logic to configure the one or more packet filters for uplink transmission with an indicator, wherein the indicator to identify whether the packets in the traffic are attended. Described is a Public Data Network Gateway (PGW) comprising: logic to associate a packet filter of an uplink traffic flow with a packet filter in a downlink traffic flow; and logic to label packets for downlink traffic as attended or unattended in the downlink traffic flow when the associated packet filter of the uplink traffic flow is identified as attended or unattended, respectively.

IPC 8 full level

**H04W 28/02** (2009.01); **H04L 47/2475** (2022.01); **H04L 47/31** (2022.01); **H04W 88/08** (2009.01); **H04W 88/16** (2009.01)

CPC (source: EP KR)

**H04L 47/2441** (2013.01 - EP KR); **H04W 28/0205** (2013.01 - EP KR); **H04W 88/08** (2013.01 - EP KR); **H04W 88/16** (2013.01 - EP KR)

Citation (search report)

- [IY] WO 2013145592 A1 20131003 - NEC CORP [JP], et al
- [Y] QUALCOMM INCORPORATED: "Uplink scheduling prioritization solution", vol. SA WG2, no. Busan, South Korea; 20130527 - 20130531, 21 May 2013 (2013-05-21), XP050709083, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg\_sa/WG2\_Arch/TSGS2\_97\_Busan/Docs/> [retrieved on 20130521]
- See references of WO 2015138265A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2015138265 A1 20150917**; BR 112016018756 A2 20170808; CN 106256147 A 20161221; CN 106256147 B 20200214; EP 3117657 A1 20170118; EP 3117657 A4 20170830; JP 2017507597 A 20170316; JP 6306202 B2 20180404; KR 101842981 B1 20180329; KR 20160108485 A 20160919

DOCDB simple family (application)

**US 2015019338 W 20150307**; BR 112016018756 A 20150307; CN 201580007747 A 20150307; EP 15761235 A 20150307; JP 2016551213 A 20150307; KR 20167022061 A 20150307