

Title (en)
CONTROLLED DOWNLINK PACKET MARKING

Title (de)
KONTROLLIERTE DOWNLINK-PAKETMARKIERUNG

Title (fr)
MARQUAGE DE PAQUETS DE LIAISON DESCENDANTE CONTRÔLÉ

Publication
EP 3569028 A4 20201125 (EN)

Application
EP 17891962 A 20171227

Priority
• US 201762445851 P 20170113
• FI 2017050938 W 20171227

Abstract (en)
[origin: WO2018130741A1] Systems, methods, apparatuses, and computer program products for controlled downlink (DL) marking in radio access networks (RAN) are provided. One method includes determining or verifying, by a core network node, whether a user equipment (UE) has configured uplink (UL) filters correctly. When the core network node verifies that the UE has configured the UL filters correctly, indicating to RAN that a mapping of service data flow (SDF) to quality of service (QoS) flow is correct and/or that RAN does not need to include DL QoS flow identifiers (IDs) for non-access stratum (NAS) filter configuration.

IPC 8 full level
H04W 72/12 (2009.01); **H04L 41/08** (2022.01); **H04W 28/02** (2009.01); **H04W 28/24** (2009.01); **H04W 76/12** (2018.01)

CPC (source: EP)
H04W 28/02 (2013.01); **H04W 28/0215** (2013.01)

Citation (search report)
• [A] US 2014233380 A1 20140821 - KIM HYUNSOOK [KR], et al
• [XA] NOKIA ET AL: "Reflective QoS and NG3 DL QoS marking", vol. RAN WG3, no. Spokane, USA; 20170117 - 20170119, 11 January 2017 (2017-01-11), XP051204339, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG3_lu/TSGR3_AHGs/R3_AH_NR_1701/Docs/> [retrieved on 20170111]
• [A] NOKIA ET AL: "UL DRB mapping", vol. RAN WG2, no. Reno, USA; 20161114 - 20161118, 4 November 2016 (2016-11-04), XP051192232, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_96/Docs/> [retrieved on 20161104]
• See references of WO 2018130741A1

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 2018130741 A1 20180719; EP 3569028 A1 20191120; EP 3569028 A4 20201125

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FI 2017050938 W 20171227; EP 17891962 A 20171227