

Title (en)
METHODS TO ENHANCE PROTOCOL DATA UNIT SESSION FORWARDING HANDLING IN NEXTGEN RADIO ACCESS NETWORK

Title (de)
VERFAHREN ZUR VERBESSERUNG DER HANDHABUNG DER SITZUNGSWEITERLEITUNG EINER PROTOKOLLDATENEINHEIT IN EINEM FUNKZUGANGSNETZWERK DER NÄCHSTEN GENERATION

Title (fr)
PROCÉDÉS POUR AMÉLIORER LA GESTION DE TRANSFERT DE SESSION D'UNITÉ DE DONNÉES DE PROTOCOLE DANS UN RÉSEAU D'ACCÈS RADIO DE PROCHAINE GÉNÉRATION

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EP 3834484 A4 20220427 (EN)

Application
EP 19848227 A 20190808

Priority
• US 201862717307 P 20180810
• US 2019045641 W 20190808

Abstract (en)
[origin: WO2020033636A1] Systems and method provide for protocol data unit (PDU) forwarding. A gNB-CU-CP of a target gNB, processes a proposal to forward one or more DL QoS flows from a source gNB to the target gNB. The gNB-CU-CP determines which of the QoS flows to accept or reject for forwarding and generates an indication for a gNB-CU-UP of accepted QoS flows for forwarding. The gNB-CU-CP may propagate per QoS flow DL forwarding proposal and the gNB-CU-UP may decide to accept or not when admitting. Based on the list of accepted QoS flows, the gNB-CU-UP handles new packets from a UE before receiving an end marker forwarded, wherein the new packets correspond to one or more QoS flows that are different than the accepted QoS flows.

IPC 8 full level
H04W 36/00 (2009.01); **H04W 28/02** (2009.01); **H04W 36/02** (2009.01); **H04W 36/08** (2009.01); **H04W 88/08** (2009.01)

CPC (source: EP US)
H04W 28/0268 (2013.01 - EP); **H04W 36/02** (2013.01 - EP); **H04W 36/0033** (2013.01 - EP); **H04W 36/08** (2013.01 - EP US); **H04W 88/085** (2013.01 - EP)

Citation (search report)
• [X] ERICSSON: "E1 UE-associated procedures", vol. RAN WG3, no. Busan, Korea; 28 May 2018 (2018-05-28), XP051527682, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG3%5Flu/TSGR3%5F100/Docs/R3%2D183551%2Ezip> [retrieved on 20180528]
• [A] ERICSSON ET AL: "Xn handover with E1", vol. RAN WG3, no. Reno, Nevada, USA; 20171127 - 20171201, 18 November 2017 (2017-11-18), XP051373536, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG3%5Flu/TSGR3%5F98/Docs/> [retrieved on 20171118]
• [A] INTEL CORPORATION: "(TP for NR BL CR for TS 38.463): Correction for Data Forwarding Information Request IE", vol. RAN WG3, no. Montreal, Canada; 20180702 - 20180706, 1 July 2018 (2018-07-01), XP051468477, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN3/Docs> [retrieved on 20180701]
• [A] HUAWEI: "SgNB addition procedure for CP-UP separation", vol. RAN WG3, no. Reno, Nevada, US; 20171127 - 20171201, 5 December 2017 (2017-12-05), XP051373739, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG3%5Flu/TSGR3%5F98/Docs/> [retrieved on 20171205]
• See also references of WO 2020033636A1

Designated contracting state (EPC)
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