

Title (en)
5G NR METHODS FOR ETHERNET HEADER COMPRESSION

Title (de)
5G-NR-VERFAHREN ZUR ETHERNET-HEADERKOMPRESSION

Title (fr)
PROCÉDÉS 5G NR POUR COMPRESSION D'EN-TÊTE ETHERNET

Publication
EP 3874715 A1 20210908 (EN)

Application
EP 19880503 A 20191031

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Abstract (en)
[origin: WO2020092780A1] Systems and methods of compressing Ethernet headers for transmission through a 5G network are described. A first Ethernet packet transmitted to a destination uses ROHC on a non-Ethernet header but has an uncompressed Ethernet header. After feedback is received from the destination, subsequent Ethernet packets transmitted to the destination use a compressed header in which the source and destination addresses are replaced by a connection identity and a type field indicates that the header is compressed. The connection identity is unique to the DRB and may further depend on the type field and an 802.1Q tag of the packet.

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