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(54) Title: DATA TRANSMISSION SYSTEM, DATA TRANSMISSION METHOD, DATA AGGREGATION METHOD AND APPARATUS

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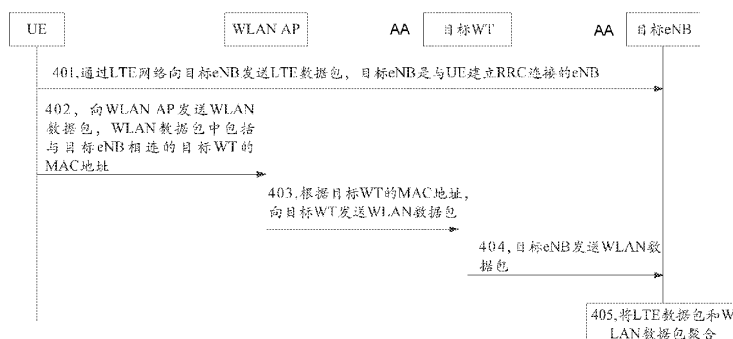


图 4A

401 Send an LTE data packet to the target eNB by means of an LTE network, the target eNB being an eNB that establishes an RRC connection with the UE
402 Send a WLAN data packet to the WLAN AP, the WLAN data packet comprising a MAC address of the target WT connected to the target eNB
403 Send the WLAN data packet to the target WT according to the MAC address of the target WT
404 Send the WLAN data packet to the target eNB
405 Aggregate the LTE data packet and the WLAN data packet
AA Target

(57) Abstract: The present invention relates to the field of communications, and provides a data transmission system, a data transmission method, and a data aggregation method and apparatus. The system comprises eNBs, WTs, a WLAN AP, and a UE. The WTs are connected to the eNBs in one-to-one correspondence fashion, and are connected to at least one WLAN AP. The UE is configured to send an LTE data packet to a target eNB by means of an LTE network, the target eNB being an eNB that establishes an RRC connection with the UE. The UE is configured to send a WLAN data packet to the WLAN AP, the WLAN data packet comprising a MAC address of a target WT connected to the target eNB. The WLAN AP is configured to send the WLAN data packet to the target WT according to the MAC address of the target WT. The target WT is configured to send the WLAN data packet to the target eNB. The target eNB

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is configured to aggregate the LTE data packet and the WLAN data packet.

(57) 摘要: 本公开提供了一种数据传输系统、数据传输方法、数据聚合方法及装置, 涉及通信领域, 所述系统包括: eNB、WT、WLAN AP以及UE, WT与eNB一一对应相连, 且WT与至少一个WLAN AP相连; UE, 被配置为通过LTE网络向目标eNB发送LTE数据包, 目标eNB是与UE建立RRC连接的eNB; UE, 被配置为向WLAN AP发送WLAN数据包, WLAN数据包中包括与目标eNB相连的目标WT的MAC地址; WLAN AP, 被配置为根据目标WT的MAC地址, 向目标WT发送WLAN数据包; 目标WT, 被配置为向目标eNB发送WLAN数据包; 目标eNB, 被配置为将LTE数据包和WLAN数据包聚合。