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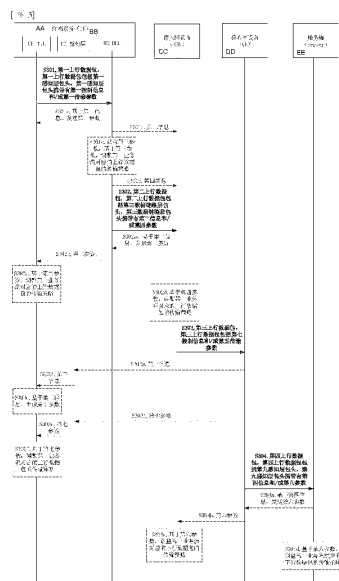
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(54) Title: COMMUNICATION METHOD AND COMMUNICATION APPARATUS

(54) 发明名称: 一种通信方法及通信装置



S301 First uplink data packet, wherein the first uplink data packet comprises a first sensing layer packet header, and the first sensing layer packet header carries first control information and/or a first transmission parameter

S301a On the basis of first information, send a first parameter

S301b Second information

S301c Acquire a third parameter, and on the basis of the third parameter, adjust a transmission policy of an uplink data packet corresponding to a first service flow

S301d Fourth parameter

S302 Second uplink data packet, wherein the second uplink data packet comprises a third data link layer packet header, and the third data link layer packet header carries the second information and/or the fourth parameter

S302a On the basis of the second information, send a second parameter

S302b Second parameter

S302c On the basis of the second parameter, adjust the transmission policy of the uplink data packet corresponding to the first service flow

S302d On the basis of the fourth parameter, adjust the transmission policy of the uplink data packet corresponding to the first service flow

S303 Third uplink data packet, wherein the third uplink data packet comprises seventh control information and/or a fifth transmission parameter

S303a Third information

S303b Third information

S303c Generate a fifth parameter on the basis of the third information

S303d Seventh parameter

S303e Seventh parameter

S303f On the basis of the seventh parameter, adjust the transmission policy of the uplink data packet corresponding to the first service flow

S304 Fourth uplink data packet, wherein the fourth uplink data packet comprises a ninth sensing layer packet header, and the ninth sensing layer packet header carries fourth information and/or an eighth parameter

S304a On the basis of the fourth information, send a sixth parameter

S304b Sixth parameter

S304c On the basis of the sixth parameter, adjust a transmission policy of a downlink data packet corresponding to the first service flow

S304d On the basis of the eighth parameter, adjust the transmission policy of the downlink data packet corresponding to the first service flow

AA Terminal device (UE)

BB UE-sensing layer

CC Access network device (RAN)

DD Core network device (CN)

EE Server

(57) Abstract: A communication method and a communication apparatus. A sensing layer is introduced into a communication protocol stack to achieve information interaction between different protocol layers, and the solution is universal and is conducive to improving the efficiency of data transmission. The method comprises: receiving a first uplink data packet, wherein the first uplink data packet may comprise a first sensing layer packet header, the first sensing layer packet header may carry first control information and/or a first transmission parameter, the first control information is used for requesting a second transmission parameter, the first transmission parameter can be understood as a parameter provided by a first application layer to a first data link layer, the second transmission

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parameter can be understood as a parameter provided by a second data link layer to the first application layer, and the first uplink data packet here can be a data packet corresponding to a first service flow.

(57) 摘要: 一种通信方法及通信装置, 通过在通信协议栈中引入感知层, 以实现不同协议层之间的信息交互, 且方案具备通用性, 有利于提升数据传输的效率。该方法可包括: 接收第一上行数据包; 第一上行数据包可以包括第一感知层包头, 第一感知层包头可以携带有第一控制信息和/或第一传输参数; 其中, 第一控制信息用于请求第二传输参数; 第一传输参数可以理解为第一应用层向第一数据链路层提供的参数; 第二传输参数可以理解为第二数据链路层向所述第一应用层提供的参数; 这里第一上行数据包可以是第一业务流对应的数据包。