

DATA SENDING METHOD, DATA RECEIVING METHOD, AND COMMUNICATION APPARATUS

ABSTRACT

5 This application provides a data sending method, a data receiving method, and a communication apparatus. In the method, a transmitting end generates a data segment, where the data segment includes header information and data parts of a plurality of CBs that are obtained by dividing a TB, there is a position mapping relationship between the data parts of the plurality of CBs and N sub-PDUs included in a MAC PDU, and the header information of each CB indicates a position mapping relationship between the CB and a sub-PDU corresponding to the CB. The
10 transmitting end sends the TB that carries the data segment. Therefore, at a receiving end, if a CRC error occurs on the TB, the receiving end obtains a position of each CB and performs a CRC decision by using a CB as a granularity, to obtain a correct CB. By parsing header information of the correct CB, the receiving end learns of a position mapping relationship between the correct CB and a sub-PDU, and obtains the complete sub-PDU from the correct CB, to implement data
15 delivery at a granularity of a sub-PDU, thereby helping improve performance of a wireless communication system.

(Fig.2)