

COMMUNICATION METHOD AND COMMUNICATION APPARATUS

ABSTRACT

5 This application relates to the communication field, and in particular, to a method and a communication apparatus for segment parsing of a high-frequency channel. The solutions may be applied to a WLAN system supporting 802.11 series protocols, for example, a next-generation Wi-Fi protocol of IEEE 802.11ax, such as 802.11be, Wi-Fi 7, or EHT, and for another example, a next-generation protocol of 802.11be, and Wi-Fi 8, or applied to a UWB-based wireless personal area network system and a sensing system. In this method, after processing coded bits, a stream parser inputs a bit stream to a segment parser, and the segment parser performs segment parsing on the bit stream. That is, the segment parser allocates, through L output branches, the bit stream to L frequency domain subblocks located at a high frequency (for example, a frequency value is greater than or equal to 45 GHz). In this way, segment parsing can be performed on the bit stream by using the segment parser in the high-frequency channel.

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FIG. 11