

MULTI-LINK ESTABLISHMENT METHOD AND COMMUNICATION APPARATUS

ABSTRACT

This application discloses a multi-link establishment method and a related device. A multi-
5 link association response frame carries radio bitmap information, to indicate an AP allowed to be
associated with a radio of a STA MLD or a link allowed to be established by using a radio of a
STA MLD, so that the radio subsequently switches between different APs or links. The multi-link
association response frame carries link establishment status information, to indicate a link
establishment status of each link that the STA MLD requests to establish, so that multi-link
10 establishment is more flexible. The multi-link association response frame carries reassociation
information, to indicate whether each parameter in association configuration information is
reserved, so that a problem that signaling overheads are relatively large due to a reassociation
operation is avoided. It can be learned that, in the multi-link establishment method, the foregoing
information is carried to improve multi-link establishment flexibility. This application may be
15 applied to a wireless local area network system that supports an IEEE 802.11ax next-generation
Wi-Fi EHT protocol, for example, an 802.11 series protocol such as 802.11be.

Fig. 4