

COMMUNICATION METHOD AND MULTI-LINK DEVICE

ABSTRACT

This application provides a communication method and a multi-link device. The method includes: When only one of a plurality of links is successfully established, a first MLD performs
5 air interface transmission with a second MLD according to a single-link communication rule. The plurality of links may be a plurality of links that the first MLD requests to establish, or the plurality of links may be a plurality of links that have been successfully established between the first MLD and the second MLD. According to the solution in this application, when only one of the plurality of links is successfully established, the first MLD does not perform air interface transmission with
10 the second MLD according to a multi-link communication rule. Specifically, an address 2 field carried in a frame over the air that is sent by the first MLD is a MAC address of the first MLD. In a secure procedure, an address used by the first MLD for key generation may also be the MAC address of the first MLD. Therefore, the address used by the first MLD for key generation may be consistent with the address 2 field carried in air interface transmission.

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Figure 3