

MULTI-LINK SYNCHRONOUS TRANSMISSION METHOD AND APPARATUS

ABSTRACT

This application provides a multi-link synchronous transmission method and apparatus, to implement synchronous transmission on multiple links, reduce interference between the links, and improve transmission performance. The method is applied to a transmit MLD. Links between the transmit MLD and a receive MLD include a first link and a second link. One of the transmit MLD and the receive MLD has a simultaneous transmit and receive STR capability, and the other does not have the STR capability. The method includes: The transmit MLD sends a first transmission frame to the receive MLD at a first moment on the first link when a first condition is met. The first moment is determined based on a second moment and/or a third moment, the second moment is a moment at which a backoff counter of the first link decreases to 0, and the third moment is a sending moment of a second transmission frame on the second link. The first condition includes: (1) The backoff counter of the first link is 0, and (2) the second transmission frame is located in a transmission opportunity TXOP on the second link.

Figure 4