

SECONDARY DEVICE, PRIMARY DEVICE, COMMUNICATION SYSTEM, AND DATA TRANSMISSION METHOD

ABSTRACT

5 This application provides a first secondary device, and is applied to the field of wireless communication. The first secondary device includes a receiver and a transmitter. The transmitter is configured to send a first trigger frame to a first STA. The first trigger frame indicates the first STA to upload first uplink data. The first secondary device is associated with the first STA. Before receiving the first uplink data, the transmitter is further configured to send a size of target data to a primary device. The target data includes the first uplink data. The receiver is configured to
10 receive information about an uplink slot from the primary device, where the uplink slot is obtained based on the size of the target data. The receiver is further configured to receive the first uplink data from the first STA. The transmitter is further configured to transmit the first uplink data to the primary device in the uplink slot. In this application, an uplink delay of a STA can be reduced by performing next-level scheduling slot allocation through the first uplink data that has not been
15 received.
(FIG.1)