

## ABSTRACT

A method for processing data includes: determining a second UE based on logical channel priorities of logical channels corresponding to SL-DRBs and/or SL-SRBs of data to be transmitted; and determining a medium-access-control protocol data unit (MAC PDU) for transmitting to the second UE, in which the MAC PDU includes data to be transmitted in one or more sidelink radio bearers (SL-RBs) determined based on logical channel priorities of logical channels corresponding to SL-RBs of the second UE, and the SL-RBs of the second UE include SL-DRB(s) of the second UE and/or SL-SRB(s) of the second UE. Embodiments of the present application disclose a data processing method and apparatus, a communication device, and a storage medium. The data processing method is applicable to a first UE, and comprises: determining a second UE according to the logical channel priorities of logical channels corresponding to a sidelink data radio bearer (SL-DRB) and/or a sidelink signaling radio bearer (SL-SRB) of data to be sent; and determining a media access control protocol data unit (MAC PDU) to be sent to the second UE, wherein the MAC PDU comprises data to be sent determined according to the logical channel priorities of logical channels corresponding to SL-RBs of the second UE, wherein said data to be sent consists of data in one or more of the SL-RBs, and the SL-RBs of the second UE comprise a SL-DRB of the second UE and/or a sidelink signaling radio bearer (SL-SRB) of the second UE.

Figure 2