WHAT IS CLAIMED IS:

1. A method for selecting a destination address in a sidelink, applied to a terminal, the method comprising:

determining~~, by a terminal,~~ a discontinuous reception (DRX) parameter and a DRX state of a destination address corresponding to a logical channel, wherein ~~data to be transmitted is configured to transmit on~~ the logical channel is a logical channel on which there is data to be transmitted; and

selecting~~, by the terminal,~~ a destination address configured to transmit the data to be transmitted based on the DRX parameter, the DRX state and a logical channel priority of the logical channel.

2. The method of claim 1, wherein selecting the destination address configured to transmit the data to be transmitted based on the DRX parameter, the DRX state and the logical channel priority comprises:

in response to there being one or more destination addresses configured with the DRX parameter and the DRX state being a wakeup state, determining~~, by the terminal,~~ logical channels each with a bucket size greater than zero among logical channels corresponding to the one or more destination addresses; and

selecting~~, by the terminal,~~ a destination address corresponding to a logical channel with a highest logical channel priority among the logical channels each with the bucket size greater than zero~~;~~

~~wherein the one or more destination addresses are configured with the DRX parameter and the DRX state is a wakeup state~~.

3. The method of claim 1, wherein selecting the destination address configured to transmit the data to be transmitted based on the DRX parameter, the DRX state and the logical channel priority comprises~~further comprising~~:

in response to there being a destination address not configured with the DRX parameter, or configured with the DRX parameter and the DRX state being a wakeup state, determining~~, by the terminal,~~ a logical channel with a bucket size greater than zero among logical channels on which there are data to be transmitted; and

selecting~~, by the terminal,~~ a destination address corresponding to a logical channel with

a highest logical channel priority among the logical channels with the bucket size greater than zero~~;~~

~~wherein the destination address is not configured with the DRX parameter~~.

4. The method of claim 3, wherein the logical channel priority is determined based on a sum of an original logical channel priority and a logical channel priority offset.

5. The method of claim 4, wherein the logical channel priority offset is determined based on the logical channel or is determined based on the destination address.

6. The method of any one of claims 1 to 5, further comprising:

transmitting,~~ by the terminal,~~ the data to be transmitted in respective logical channels corresponding to the destination address, on a designated sidelink grant resource.

7. The method of claim 6, wherein the designated sidelink grant resource is determined based on downlink control information, or based on pre-configuration information, or is autonomously selected by the terminal.

8. The method of claim 1, further comprising:

in response to the destination address being configured with the DRX parameter and the DRX state being a sleeping state, ignoring~~, by the terminal, a~~ the destination address configured with the DRX parameter and being in ~~a~~ the sleeping state~~;~~

~~wherein the destination address is configured with the DRX parameter and the DRX state is the sleeping state~~.

9. A device for selecting a destination address in sidelink, applied to a terminal, the device comprising:

a determining unit, configured to determine a discontinuous reception (DRX) parameter and a DRX state of a destination address corresponding to a logical channel, wherein ~~data to be transmitted is configured to transmit on~~ the logical channel is a logical channel on which there is data to be transmitted; and

a selecting unit, configured to select a destination address configured to transmit the data to be transmitted based on the DRX parameter, the DRX state, and a logical channel priority of the logical channel.

10. The device of claim 9, wherein the selecting unit is configured to select the destination address configured to transmit the data to be transmitted based on the DRX parameter, the DRX state, and the logical channel priority of the logical channels by:

in response to there being one or more destination addresses configured with the DRX parameter and the DRX state being a wakeup state, determining logical channels each with a bucket size greater than zero among logical channels corresponding to the one or more destination addresses and selecting a destination address corresponding to a logical channel with a highest logical channel priority among the logical channels each with the bucket size greater than zero;

~~wherein the one or more destination addresses are configured with the DRX parameter and the DRX state is a wakeup state~~.

11. The device of claim 9, wherein the selecting unit is ~~further~~ configured to select the destination address configured to transmit the data to be transmitted based on the DRX parameter, the DRX state, and the logical channel priority of the logical channels by:

in response to there being a destination address not configured with the DRX parameters, or configured with the DRX parameter and the DRX state being a wakeup state, determining~~determine~~ a logical channel with a bucket size greater than zero among logical channels on which there are data to be transmitted and ~~select~~ selecting a destination address corresponding to a logical channel with a highest logical channel priority among the logical channels with the bucket size greater than zero;

~~wherein the destination address is not configured with the DRX parameter~~.

12. The device of claim 11, wherein the logical channel priority is determined based on a sum of an original logical channel priority and a logical channel priority offset.

13. The device of claim 12, wherein the logical channel priority offset is determined based on a logical channel, or is determined based on a destination address.

14. The device of any one of claims 9 to 13, wherein the device further comprises a transmitting unit, configured to:

transmit, the data to be transmitted in respective logical channels corresponding to the destination address, on a designated sidelink grant resource.

15. The device of claim 14, wherein the designated sidelink grant resource is determined based on downlink control information, or based on pre-configuration information, or is autonomously selected by the terminal.

16. The device of claim 9, wherein the selecting unit is further configured to:

in response to the destination address being configured with the DRX parameter and the

DRX state being a sleeping state, ignore ~~a~~the destination address configured with the DRX parameter and being in ~~a~~ the sleeping state~~; wherein the destination address is configured with the DRX parameter and the DRX state is the sleeping state~~.

17. A device for selecting a destination address in sidelink, comprising:

a processor; and

a memory for storing instructions executable by the processor;

wherein, the processor is configured to perform the method for selecting a destination address in sidelink of any one of claims 1 to 8.

18. A non-transitory computer-readable storage medium, wherein when instructions in the storage medium are executed by a processor of a mobile terminal, the mobile terminal is caused to perform the method for selecting a destination address in sidelink of any one of claims 1 to 8.