CLAIMS

1. A method for information transmission, applied to a terminal device, the method comprising:

if a sidelink, SL, Buffer Status Report, BSR, is triggered by an event, and if a first condition is met, performing at least one of the following:

triggering a scheduling request, SR;

transmitting a first uplink channel comprising the SR;

performing BSR packeting, wherein the BSR at least comprises the SL BSR; or

performing transmission of a second uplink channel comprising the packeted BSR.

2. The method according to claim 1, wherein the first condition comprises at least one of the following:

the SL that triggers the SR and/or the BSR meets a second preset condition; or

there are available uplink, UL, resources, and the available UL resources meet a third preset condition.

3. The method according to claim 2, wherein the second preset condition comprises:

a priority of the SL that triggers an SR is higher than a threshold.

4. The method according to claim 2, wherein the third preset condition comprises:

attribute requirements of UL resources are configured respectively for logical channels of different SLs.

5. The method according to any one of claims 1 to 4, further comprising:

when there is a conflicting UL transmission, determining whether to transmit the first uplink channel comprising the SR based on an attribute of a logical channel that triggers the SL BSR and/or an attribute of the conflicting UL transmission.

6. The method according to claim 5, wherein the attribute is determined based on an attribute of a logical channel of a data Radio Link Control Protocol Data Unit, RLC PDU, included in the transmission.

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

determining whether to transmit the first uplink channel comprising the SR based on whether there is conflicting SL data.

8. The method according to claim 7, wherein determining whether to transmit the first uplink channel comprising the SR based on whether there is conflicting SL data comprises at least one of the following:

triggering transmission of the first uplink channel comprising the SR when there is no conflicting SL data; or

determining, when there is conflicting SL data, whether to transmit the first uplink channel comprising the SR based on a QoS attribute corresponding to the SL data.

9. The method according to claim 7 or 8, wherein when a priority of the QoS corresponding to the SL data is low, it is determined to transmit the SR, and when the priority of the QoS corresponding to the SL data is high, it is determined to transmit the SL data.

10. The method according to claim 9, wherein the low priority of the QoS indicates that the priority of the QoS is lower than a threshold.

11. A terminal device, comprising:

a processing unit, configured to, if a sidelink, SL, Buffer Status Report, BSR, is triggered by an event, and if a first condition is met, perform at least one of the following:

triggering a scheduling request, SR;

transmitting a first uplink channel comprising the SR;

performing BSR packeting, wherein the BSR at least comprises the SL BSR; or

transmitting a second uplink channel comprising the packeted BSR.

12. The terminal device according to claim 11, wherein the first condition comprises at least one of the following:

the SL that triggers the SR and/or the BSR meets a second preset condition; or

there are available uplink, UL, resources, and the available UL resources meet a third preset condition.

13. The terminal device according to claim 11 or 12, wherein the processing unit is configured

to, when there is a conflicting UL transmission, determine whether to transmit the first uplink channel comprising the SR based on an attribute of a logical channel that triggers the SL BSR and/or an attribute of the conflicting UL transmission.

14. The terminal device according to any one of claims 11 to 13, wherein the processing unit is configured to:

determine whether to transmit the first uplink channel comprising the SR based on whether there is conflicting SL data.

15. The terminal device according to claim 14, wherein the processing unit is configured to perform at least one of the following:

triggering transmission of the first uplink channel comprising the SR when there is no conflicting SL data; or

determining, when there is conflicting SL data, whether to transmit the first uplink channel comprising the SR based on a QoS attribute corresponding to the SL data.

16. A terminal device, configured to execute the method for information transmission according to any one of claims 1 to 10.

17. A chip, comprising: a processor, configured to call and run a computer program in a memory to enable a device installed with the chip to perform the method of any one of claims 1 to 10.

18. A computer-readable storage medium, configured to store a computer program, wherein the computer program enables a computer to perform operations of the method of any one of claims 1 to 10.

19. A computer program product, comprising a computer program instruction, the computer program instruction enabling a computer to perform the method of any one of claims 1 to 10.

20. A computer program, enabling a computer to perform the method of any one of claims 1 to 10.