## CLAIMS

1. A method applied for a terminal for processing a sidelink process, comprising:

determining to perform media access control, MAC, reset on a radio resource control, RRC, connection of a sidelink; and

determining, by a MAC entity of the terminal, that a first sidelink process is unoccupied,

releasing an association relationship associated with the first sidelink process, and

clearing a buffer of the first sidelink process; wherein

the first sidelink process is a sidelink process associated with the RRC connection and.

the determining to perform MAC reset on an RRC connection of a sidelink comprises: requesting, by an upper layer of a MAC layer of the terminal, to perform MAC reset on the RRC connection.

2. The method according to claim 1, wherein the method further comprises:

requesting, by an upper layer of an RRC layer of the terminal, to release the RRC connection.

3. A method applied for a terminal for processing a sidelink process, comprising:

skipping sending or receiving sidelink data for a destination address; and

performing the following actions: determining that a second sidelink process is unoccupied; releasing an association relationship associated with the second sidelink process; and clearing a buffer of the second sidelink process, wherein

the second sidelink process is a sidelink process associated with the destination address.

4. The method according to claim 3, wherein the skipping sending or receiving sidelink data comprises:

stopping transmission corresponding to the destination address, or skipping sending or receiving the sidelink data corresponding to the destination address.

5. The method according to claim 3 or 4, wherein the association relationship associated with the second sidelink process comprises: an association relationship between the second sidelink process and sidelink control information, SCI, or an association relationship between the second sidelink process and one or more of a first source identifier, a first destination identifier, a sidelink process identifier, and a communication type.

6. An apparatus for processing a sidelink process, comprising a processing unit, configured to:

determine to perform media access control, MAC, reset on a radio resource control, RRC, connection of a sidelink; and

determine, in a MAC entity, that a first sidelink process is unoccupied; wherein

the first sidelink process is a sidelink process associated with the RRC connection, and

wherein the processing unit is specifically configured to:

request, at an upper layer of a MAC layer, to perform MAC reset on the RRC connection.

7. The apparatus according to claim 6, wherein the processing unit is further configured to:

request, at an upper layer of an RRC layer, to release the RRC connection.

8. An apparatus for processing a sidelink process, comprising a processing unit, configured to:

skip sending or receiving sidelink data for a destination address; and

perform the following actions: determining that a second sidelink process is unoccupied; releasing an association relationship associated with the second sidelink process; and clearing a buffer of the second sidelink process, wherein the second sidelink process is a sidelink process associated with the destination address.

9. The apparatus according to claim 8, wherein skipping sending or receiving the sidelink data comprises: stopping transmission corresponding to the destination address, or skipping sending or receiving the sidelink data corresponding to the destination address.

10. A computer-readable storage medium, comprising computer-executable instructions, wherein when the computer-executable instructions are run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 5.

11. A computer program product, comprising computer-executable instructions, wherein when the computer-executable instructions are run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 5.