WHAT IS CLAIMED IS:

1. A method for determining an activation state of a terminal, performed by a sending terminal, comprising:

determining a state of a first-type local timer on the sending terminal corresponding to a receiving terminal, wherein the receiving terminal is a terminal communicating with the sending terminal via a sidelink;

determining the activation state of the receiving terminal based on the state of the first-type local timer,

wherein the method further comprises:

stopping a running of the first-type local timer, in response to the sending terminal sending a sidelink discontinuous reception (DRX) medium access control (MAC) control element (CE) to the receiving terminal, wherein the sidelink DRX MAC CE is configured to instruct the receiving terminal to enter an inactive state.

2. The method of claim 1, further comprising:

determining that the receiving terminal is in an active state, in response to the first-type local timer being in a running state; or

determining that the receiving terminal is in an inactive state, in response to the first-type local timer being in a stopped state.

3. The method of claim 1, further comprising:

stopping a running of the first-type local timer, in response to receiving indication information sent by the receiving terminal, wherein the indication information is sent by the receiving terminal when entering an inactive state.

4. The method of claim 3, wherein the indication information is triggered and sent by the receiving terminal when it is unable to monitor a sidelink communication channel during a running of its own second-type local timer.

5. The method of any of claims 1-4, wherein the timer comprises at least one of following timers: an inactive timer, a wakeup timer or a retransmission timer.

6. A method for determining an activation state of a terminal, performed by a receiving terminal, comprising:

sending indication information to a sending terminal, wherein the indication information is configured to indicate that the receiving terminal enters an inactive state, and wherein the sending terminal is a terminal communicating with the receiving terminal via a sidelink,

wherein the method further comprise:

receiving a sidelink discontinuous reception (DRX) medium access control (MAC) control element (CE) sent by the sending terminal, wherein the sidelink DRX MAC CE is configured to instruct the receiving terminal to enter the inactive state, wherein the sending terminal stops a running of a first-type local timer on the sending terminal corresponding to the receiving terminal, in response to sending the sidelink DRX MAC CE to the receiving terminal.

7. The method of claim 6, further comprising:

stopping a running of a second-type local timer on the receiving terminal directly after sending the indication information to the sending terminal; or

receiving feedback information fed back by the sending terminal indicating successful reception of the indication information, and stopping a running of a second-type local timer on the receiving terminal.

8. The method of claim 6, further comprising:

sending the indication information to the sending terminal, in response to the receiving terminal being unable to monitor a sidelink communication channel during a running of the second-type local timer.

9. A communication device, comprising:

a processing module, configured to determine a state of a first-type local timer on a sending terminal corresponding to a receiving terminal, and determine an activation state of a receiving terminal according to the state of the first-type local timer, wherein the receiving terminal is a terminal communicating with the sending terminal via a sidelink,

wherein the processing module is further configured to stop a running of the first-type local timer, in response to the sending terminal sending a sidelink

discontinuous reception (DRX) medium access control (MAC) control element (CE) to the receiving terminal, wherein the sidelink DRX MAC CE is configured to instruct the receiving terminal to enter an inactive state.

10. A communication device, comprising:

a transceiver module, configured to send indication information to a sending terminal, wherein the indication information is configured to indicate that a receiving terminal enters an inactive state, and wherein the sending terminal is a terminal communicating with the receiving terminal via a sidelink,

wherein the transceiver module is further configured to receive a sidelink discontinuous reception (DRX) medium access control (MAC) control element (CE) sent by the sending terminal, wherein the sidelink DRX MAC CE is configured to instruct the receiving terminal to enter the inactive state, wherein the sending terminal stops a running of a first-type local timer on the sending terminal corresponding to the receiving terminal, in response to sending the sidelink DRX MAC CE to the receiving terminal.

11. A communication device, comprising a processor and a memory, wherein the memory stores a computer program which, when executed by the processor, causes the communication device to perform the method according to any of claims 1-8.

12. A communication device, comprising a processor and an interface circuit, wherein

the interface circuit is configured to receive code instructions and transmit the code instructions to the processor; and

the processor is configured to run the code instructions to execute the method according to any of claims 1-8.

13. A computer readable storage medium, configured to store instructions, which when executed, cause the method according to any of claims 1-8 to be implemented.