

CLAIMS

What is claimed is:

1. A discontinuous reception DRX configuration method for sidelink, comprising:

5 determining, by a terminal device, DRX configuration information; and
 performing DRX configuration according to the configuration information;
characterized in that

 the determining, by a terminal device, DRX configuration information
comprises at least one of the following:

10 determining, by the terminal device, the configuration information through pre-
agreeing with a peer-end device; and

 receiving, by the terminal device, the DRX configuration information
transmitted by a peer-end device, the configuration information is determined by the
peer-end device;

15 before the determining, by the terminal device, DRX configuration information,
the method further comprises:

 transmitting, by the terminal device, DRX assistance information to a peer-end
device;

 wherein the DRX assistance information comprises at least one of the following:

20 DRX cycle and offset;

 length of DRX on duration timer;

 length of DRX inactivity timer;

 length of hybrid automatic repeat request HARQ round trip time RTT timer;

 length of retransmission timer;

25 time-domain unit(s) in which the terminal device does not expect DRX to be
activated; and

 time-domain unit(s) in which the terminal device expects DRX to be activated.

2. The method according to claim 1, wherein

30 the terminal device is a sidelink receiving device, and the peer-end device is a
sidelink transmitting device; or

 the terminal device is a sidelink transmitting device, and the peer-end device is
a sidelink receiving device.

3. The method according to claim 2, wherein after the performing DRX configuration according to the configuration information, the method further comprises:

transmitting DRX feedback information to the peer-end device, wherein

5 the DRX feedback information indicates that the DRX configuration succeeds or indicates that the DRX configuration fails.

4. A terminal device, comprising: a memory, a processor, and a computer program stored in the memory and capable of running on the processor, wherein when the computer program is executed by the processor, the steps of the DRX configuration method for sidelink according to any one of claims 1 to 3 are implemented.

10 5. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is executed by a processor, the steps of the DRX configuration method for sidelink according to any one of claims 1 to 3 are implemented.