CLAIMS

1. A method for selecting a resource in a sidelink communication, comprising:

determining at least one first time unit that satisfies a sensing condition ~~according to~~within a set of time units for sidelink communication resources; wherein the set of time units comprises one or a plurality of first time units; and

determining a resource for transmitting data ~~need to be transmitted~~ according to a resource in the at least one first time unit ~~that satisfies the sensing condition~~.

2. The method as claimed in claim 1, further comprising:

determining ~~the~~ a sensing ~~condition~~ window according to ~~a time interval between~~ the at least one first time unit and ~~a moment of selecting a resource~~the sensing condition.

3. The method as claimed in claim 1 or 2, further comprising:

~~in response to a time interval between the at least one first time unit and a moment of selecting a resource being greater than a first duration threshold or being equal to the first duration threshold, determining that the sensing condition comprises a minimum set of time units for sensing before the moment being an empty set; and~~

in response to ~~the~~ a time interval between the at least one first time unit and ~~the~~ a moment of selecting a resource being less than ~~the~~ a first duration threshold or being equal to the first duration threshold, determining that the sensing condition comprises sensing a time unit located before the moment for not less than a second duration threshold.

4. The method as claimed in claim 3, further comprising:

determining the second duration threshold according to the time interval.

5. The method as claimed in claim 1, further comprising:

in response to a packet delay budget (PDB) of the data ~~need to be transmitted~~ being less than a third duration threshold or being equal to the third duration threshold, determining that the sensing condition comprises a minimum set of time units for sensing before the moment being an empty set.

6. The method as claimed in claim 5, further comprising at least one of:

determining the third duration threshold according to received first indication information;

~~and/~~or,

determining the third duration threshold according to a data priority of the data ~~need to be transmitted~~.

7. The method as claimed in claim 6, wherein determining the third duration threshold according to the data priority of the data ~~need to be transmitted~~ comprises:

determining the third duration threshold according to the data priority of the data ~~need to be transmitted~~ and a first mapping relationship between data priorities and third duration thresholds.

8. The method as claimed in any one of claims 1 to 7, further comprising:

determining a minimum time length for sensing.

9. The method as claimed in claim 8, wherein determining the minimum time length for sensing comprises at least one of:

determining the minimum time length according to received second indication information;

~~and/~~or,

determining the minimum time length according to a data priority of the data ~~need to be transmitted~~.

10. The method as claimed in claim 9, wherein determining the minimum time length according to the data priority of the data ~~need to be transmitted~~ comprises:

determining the minimum time length according to the data priority of the data ~~need to be transmitted~~ and a second mapping relationship between data priorities and minimum time lengths.

11. The method as claimed in any one of claims 1 to 7, further comprising:

in response to determining the data ~~need to be transmitted~~, sensing a channel for transmitting the data ~~need to be transmitted~~.

12. An apparatus for selecting a resource in a sidelink communication, comprising:

a resource determining module, configured to determine at least one first time unit that satisfies a sensing condition according to a set of time units for sidelink communication resources; wherein the set of time units comprises one or a plurality of first time units; and

a resource selecting module, configured to determine a resource for transmitting data ~~need to be transmitted~~ according to a resource in the at least one first time unit that satisfies the sensing condition.

13. The apparatus as claimed in claim 12, wherein the resource determining module is further configured to: determine a sensing window according to the at least one first time unit and the sensing condition.

14. The apparatus as claimed in claim 12 or 13, wherein the resource determining module is further configured to: in response to a time interval between the at least one first time unit and a moment of selecting a resource being less than a first duration threshold or being equal to the first duration threshold, determine that the sensing condition comprises sensing a time unit located before the moment for not less than a second duration threshold.

15. The apparatus as claimed in claim 14, wherein the resource determining module is further configured to: determine the second duration threshold according to the time interval.

16. The apparatus as claimed in claim 12, wherein the resource determining module is further configured to: in response to a packet delay budget (PDB) of the data being less than a third duration threshold or being equal to the third duration threshold, determine that the sensing condition comprises a minimum set of time units for sensing before the moment being an empty set.

17. The apparatus as claimed in claim 16, wherein the resource determining module is further configured to at least of: determine the third duration threshold according to received first indication information; or determine the third duration threshold according to a data priority of the data.

18. The apparatus as claimed in claim 17, wherein determining the third duration threshold according to the data priority of the data to be transmitted, the resource determining module is

configured to: determine the third duration threshold according to the data priority of the data and a first mapping relationship between data priorities and third duration thresholds.

~~13~~19. An electronic device, comprising a memory and a processor;

wherein the memory is configured to store a computer program; and

the processor is configured to perform the method for selecting a resource according to any one of claims 1 to 11 when executing the computer program.

~~14~~20. A computer-readable storage medium, wherein a computer program is stored in the storage medium, and the computer program is configured to perform the method for selecting a resource according to any one of claims 1 to 11 when the computer program is executed by a processor.