CLAIMS

What is claimed is:

1. A method for determining a sidelink transmission resource, comprising:

determining a first time domain resource set in a resource selection window; and

monitoring a second time domain resource set corresponding to the first time domain resource set, wherein the second time domain resource set is located before the first time domain resource set, wherein

the first time domain resource set is for sidelink transmission;

wherein the monitoring a second time domain resource set corresponding to the first time domain resource set comprises:

performing monitoring in second duration, wherein the second duration T" meets the following relationship:

$T_{y1} - m \leq T" < T_{y1} - P_1$, wherein

T_{y1} is a time unit where a first candidate resource is located, the first candidate resource is the 1st resource in time domain in the first time domain resource set, m is a preconfigured parameter or a parameter determined through configuration signaling, $P_1 = T_{proc,0} + T_{proc,1}$, $T_{proc,0}$ is a processing time required for performing sidelink control information (SCI) decoding, $T_{proc,1}$ is a sum of a processing time required for the higher layer to complete a final resource selection procedure and a processing time required for preparing to-be-transmitted information.

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

ending the monitoring before a time unit n for triggering resource determining.

3. The method according to claim 1 or 2, wherein the first time domain resource set is located before a third time domain resource, and the third time domain resource is located after the time unit in which resource determining is triggered with an interval of fourth preset duration from the time unit in which resource determining is triggered.

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

ending the monitoring before the time unit where the first candidate resource is located.

5. The method according to claim 1 or 4, wherein the first time domain resource set is located before a fourth time domain resource, the fourth time domain resource is located after the first

candidate resource with an interval of fifth preset duration from the first candidate resource.

6.The method according to any one of claims 1 to 5, wherein *m* is 31.

7. The method according to any one of claims 1 to 6, wherein *m* is a logical interval including only a quantity of time units in a sidelink resource pool.

8. The method according to any one of claims 1 to 7, wherein *m* is a quantity of logical slots.

9. The method according to any one of claims 1 to 8, wherein *m* is indicated by radio resource control (RRC) signaling.

10. The method according to any one of claims 1 to 9, wherein the time unit is a slot.

11. The method according to any one of claims 1 to 10, wherein the first time domain resource set comprises slots, the time unit where a first candidate resource is located is the 1st slot of the slots, and the first candidate resource is one or more subchannels in the 1st slot.

12. An apparatus for determining a sidelink transmission resource, comprising:

a processing unit, configured to determine a first time domain resource set in a resource selection window; and

a transceiver unit, configured to monitor a second time domain resource set corresponding to the first time domain resource set, wherein the second time domain resource set is located before the first time domain resource, wherein

the first time domain resource set is for sidelink transmission;

wherein the transceiver unit is further configured to perform monitoring in second duration, wherein the second duration $T"$ meets the following relationship:

$T_{y1} - m \le T" < T_{y1} - P_1$, wherein

T_{y1} is a time unit where a first candidate resource is located, the first candidate resource is the 1st resource in time domain in the first time domain resource set, *m* is a preconfigured parameter or a parameter determined through configuration signaling, $P_1 = T_{proc,0} + T_{proc,1}$, $T_{proc,0}$ is a processing time required for performing sidelink control information (SCI) decoding, $T_{proc,1}$ is a sum of a processing time required for the higher layer to complete a final resource selection procedure and a processing time required for preparing to-be-transmitted information.

13. The apparatus according to claim 12, wherein the transceiver unit is configured to end the monitoring before a time unit n for triggering resource determining.

14. The apparatus according to claim 12 or 13, wherein the first time domain resource set is

located before a third time domain resource, and the third time domain resource is located after the time unit in which resource determining is triggered with an interval of fourth preset duration from the time unit in which resource determining is triggered.

15. The apparatus according to claim 12, wherein the transceiver unit is configured to end the monitoring before the time unit where the first candidate resource is located.

16. The apparatus according to claim 12 or 15, wherein the first time domain resource set is located before a fourth time domain resource, the fourth time domain resource is located after the first candidate resource with an interval of fifth preset duration from the first candidate resource.

17. The apparatus according to any one of claims 12 to 16, wherein *m* is 31.

18. The apparatus according to any one of claims 12 to 17, wherein *m* is a logical interval including only a quantity of time units in a sidelink resource pool.

19. The apparatus according to any one of claims 12 to 18, wherein *m* is a quantity of logical slots.

20. The apparatus according to any of claims 12 to 19, wherein *m* is indicated by radio resource control (RRC) signaling.

21. The method according to any one of claims 12 to 20, wherein the time unit is a slot.

22. The method according to any one of claims 12 to 21, wherein the first time domain resource set comprises slots, the time unit where a first candidate resource is located is the 1st slot of the slots, and the first candidate resource is one or more subchannels in the 1st slot.

23. An apparatus for determining a sidelink transmission resource, comprising a processor and a memory, wherein the memory stores a computer program, and the processor executes the computer program stored in the memory, to enable the apparatus to perform the method according to any one of claims 1 to 11.

24. An apparatus for determining a sidelink transmission resource, 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 perform the method according to any one of claims 1 to 11.

25. A computer-readable storage medium, configured to store instructions, wherein when the instructions are executed, the method according to any one of claims 1 to 11 is implemented.