Claims:

1. An information processing method, comprising:

receiving first configuration information from a network side device, wherein the first configuration information is used for configuring a Sidelink Configured Grant transmission resource, and the Sidelink Configured Grant transmission resource is a transmission resource located in a resource pool;

determining time domain information corresponding to the Sidelink Configured Grant transmission resource based on the first configuration information; and

determining a first Hybrid Automatic Repeat reQuest process identity (ID) according to the time domain information corresponding to the Sidelink Configured Grant transmission resource; and

determining at least one of following parameters according to the first configuration information:

a period of a Sidelink Configured Grant transmission resource;

a total number of HARQ process IDs corresponding to current Configured Grant; and

a HARQ process ID offset which is used for determining a first HARQ process ID corresponding to the current Configured Grant;

wherein the first configuration information comprises slot offset indication information and a period parameter, and the slot offset indication information is used for determining time domain information of a first Sidelink Configured Grant transmission resource in a period of a system frame number or in a period of a direct frame number;

wherein the slot offset indication information is represented by a number of slots, and the number of slots represents a number of logical slots, wherein the logical slots are slots in a resource pool associated with the Configured Grant transmission resource or slots that are possibly used for a resource pool.

2. The method according to claim 1, wherein the determining the first Hybrid Automatic Repeat reQuest process ID according to the time domain information corresponding to the Sidelink Configured Grant transmission resource comprises:

determining the period parameter based on the first configuration information, wherein the period parameter is the period of the Sidelink Configured Grant transmission resource; and

determining the first Hybrid Automatic Repeat reQuest process ID according to the time domain information corresponding to the Sidelink Configured Grant transmission resource and the period parameter.

3. The method according to claim 1, wherein the time domain information corresponding to the Sidelink Configured Grant transmission resource is a slot index of the Sidelink Configured Grant transmission resource in the resource pool.

4. The method according to claim 1, wherein the determining time domain information corresponding to the Sidelink Configured Grant transmission resource based on the first configuration information comprises:

sending an uplink control channel to the network side device on an uplink transmission resource based on the first configuration information, wherein the uplink transmission resource and the Sidelink Configured Grant transmission resource belong to a same Sidelink Configured Grant period, and the uplink control channel is used for a terminal to report sidelink feedback information; and

determining the time domain information corresponding to the Sidelink Configured Grant transmission resource according to time domain information of the uplink transmission resource.

5. An information processing method performed by a network device, comprising:

determining first configuration information, wherein the first configuration information is used for configuring a Sidelink Configured Grant transmission resource, and the Sidelink Configured Grant transmission resource is a transmission resource located in a resource pool; and

sending the first configuration information to a terminal device;

wherein the first configuration information is designed to cause the terminal device to determine time domain information corresponding to the Sidelink Configured Grant transmission resource; and

the time domain information corresponding to the Sidelink Configured Grant transmission resource is designed to cause the terminal device to determine a first Hybrid Automatic Repeat reQuest process identity (ID);

wherein first configuration information is designed to cause the terminal device to determine at least one of following parameters according to the first configuration information:

a period of a Sidelink Configured Grant transmission resource;

a total number of HARQ process IDs corresponding to current Configured Grant; and

a HARQ process ID offset which is used for determining a first HARQ process ID corresponding to the current Configured Grant;

wherein the first configuration information comprises slot offset indication information and a period parameter, and the slot offset indication information is designed to cause the terminal device to determine time domain information of a first Sidelink Configured Grant transmission resource in a period of a system frame number or in a period of a direct frame number;

wherein the slot offset indication information is represented by a number of slots, and the number of slots represents a number of logical slots, wherein the logical slots are slots in a resource pool associated with the Configured Grant transmission resource or slots that are possibly used for a resource pool.

6. The method according to claim 5, wherein

the first configuration information is designed to cause the terminal device to determine the period parameter, wherein the period parameter is the period of the Sidelink Configured Grant transmission resource; and

the time domain information corresponding to the Sidelink Configured Grant transmission resource and the period parameter are used for determining the first Hybrid Automatic Repeat reQuest process ID.

7. The method according to claim 5, wherein the time domain information corresponding to the Sidelink Configured Grant transmission resource is a slot index of the Sidelink Configured Grant transmission resource in the resource pool.

8. The method according to claim 5, further comprising:

receiving an uplink control channel sent by a terminal on an uplink transmission resource based on the first configuration information, wherein the uplink transmission resource and the Sidelink Configured Grant transmission resource belong to a same Sidelink Configured Grant period, and the uplink control channel is designed to be used for the terminal to report sidelink feedback information;

wherein time domain information of the uplink transmission resource is designed to cause the terminal device to determine the time domain information corresponding to the Sidelink Configured Grant transmission resource.

9. The method according to claim 8, further comprising:

determining at least one of following parameters: a first parameter and a second parameter;

wherein the first parameter is designed to cause the terminal device to determine a time interval between the uplink transmission resource and a sidelink feedback channel transmission resource, and the second parameter is designed to cause the terminal device to determine a time interval between the sidelink feedback channel transmission resource and the Sidelink Configured Grant transmission resource.

10. The method according to claim 9, wherein

the time domain information of the uplink transmission resource and at least one of the first parameter and the second parameter are used for determining the time domain information corresponding to the Sidelink Configured Grant transmission resource.

11. The method according to claim 9, wherein the first configuration information is further used for configuring at least one of the uplink transmission resource and the first parameter.

12. The method according to claim 9, further comprising:

sending second configuration information to the terminal, wherein the second configuration information is used for configuring the resource pool; and

determining the second parameter according to the second configuration information.

13. The method according to claim 8, further comprising:

sending downlink control information to the terminal when the uplink control channel carries non-acknowledgement information, wherein the downlink control information is used for scheduling a sidelink transmission resource, the downlink control information carries the first Hybrid Automatic Repeat reQuest process ID, and the downlink control information is used for scheduling the terminal to retransmit sidelink data corresponding to the first Hybrid Automatic Repeat reQuest process ID on the sidelink transmission resource.

14. An information processing apparatus, configured to perform the method according to any one of claims 1 to 4.

15. An information processing apparatus, configured to perform the method according to any one of claims 5 to 13.