CLAIMS

What is claimed is:

1. A communication method, comprising:

receiving, by a first device, second information from a second device, wherein the second information indicates resource assistance information provided by the second device for the first device;

determining, by the first device, a communication resource according to the resource assistance information.

2. The method according to claim 1, before the receiving, by a first device, second information from a second device, further comprising:

sending, by the first device, first information to the second device, wherein the first information is used to request to obtain the resource assistance information.

3. The method according to claim 1 or 2, wherein the second information is carried by a first channel, and the first channel is a physical sidelink feedback channel PSFCH.

4. The method according to claim 3, wherein the second information corresponds to a third sequence cyclic shift value of the first channel.

5. The method according to claim 3 or 4, wherein the second information is carried in a first resource set, wherein the first resource set is a complementary set that is of a resource set used for carrying hybrid automatic repeat request HARQ information and that is comprised in a resource set used for transmitting the PSFCH.

6. The method according to any one of claims 2 to 5, wherein

the first device sends the first information in a first slot, and the first device receives the second information in a second slot; and

the second slot is the 1st slot that comprises the PSFCH and that is after a slot in which the last symbol of the first information is located, or the second slot is the 1st slot that comprises the PSFCH and that is at an interval of N time units from the first slot, wherein N is a positive integer.

7. The method according to any one of claims 1 to 6, wherein a resource carrying the resource assistance information is different from a resource carrying HARQ information.

8. The method according to any one of claims 1 to 7, wherein the resource assistance information is carried in a first resource set and HARQ information is carried in a second resource

set.

9. The method according to claim 8, wherein the first resource set and the second resource set are represented by using different bitmaps.

10. The method according to any one of claims 1 to 9, wherein the sequence cyclic shift value of the resource assistance information is 0.

11. A communication method, comprising:

sending, by a second device, second information to a first device, wherein the second information indicates resource assistance information for the first device.

12. The method according to claim 11, before the sending, by a second device, second information to a first device, further comprising:

receiving, by the second device, first information from the first device, wherein the first information is used to request to obtain the resource assistance information.

13. The method according to claim 11 or 12, wherein the second information is carried by a first channel, and the first channel is a physical sidelink feedback channel PSFCH.

14. The method according to claim 13, wherein the second information corresponds to a third sequence cyclic shift value of the first channel.

15. The method according to claim 13 or 14, wherein

the second information is carried in a first resource set, wherein the first resource set is a complementary set that is of a resource set used for carrying hybrid automatic repeat request HARQ information and that is comprised in a resource set used for transmitting the PSFCH.

16. The method according to any one of claims 12 to 15, wherein

the second device sends the second information in a second slot, and the second device receives the first information in a first slot; and

the second slot is the 1st slot that comprises the PSFCH and that is after a slot in which the last symbol of the first information is located, or the second slot is the 1st slot that comprises the PSFCH and that is at an interval of N time units from the first slot, wherein N is a positive integer.

17. The method according to any one of claims 11 to 16, wherein a resource carrying the resource assistance information is different from a resource carrying HARQ information.

18. The method according to any one of claims 11 to 17, wherein the resource assistance information is carried in a first resource set and HARQ information is carried in a second resource set.

19. The method according to claim 18, wherein the first resource set and the second resource set are represented by using different bitmaps.

20. The method according to any one of claims 11 to 19, wherein the sequence cyclic shift value of the resource assistance information is 0.

21. An apparatus comprising a processor configured to perform the method according to any one of claims 1 to 10, or according to any one of claims 11 to 20.

22. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is run, the method according to any one of claims 1 to 10 or according to any one of claims 11 to 20 is implemented.

23. A computer program comprising instructions which, when executed by a computer, cause the computer to carry out the method according to any one of claims 1 to 10, or according to any one of claims 11 to 20.