

[0074] It should also be understood that the terms “system” and “network” are often used interchangeably herein. The term “and/or” used herein is merely to describe relative relationships of relative objects, indicating that there can be three kinds of relationships. For example, A and/or B can indicate three cases where A exists alone, A and B exist concurrently, or B exists alone. In addition, the character “/” used herein generally indicates that the related objects before and after this character are in an “or” relationship.

[0075] FIG. 5 is a schematic diagram of a resource pool switching method 200 according to an embodiment of the application. The method can be performed by a certain terminal device shown in FIG. 1 or FIG. 2, or performed by a network device shown in FIG. 1 or FIG. 2. As shown in FIG. 5, the method 200 includes some or all of the following:

[0076] S210, sending first indication information to a first terminal device, where the first indication information is used for the first terminal device to switch a resource pool for a sidelink from a first resource pool to a second resource pool.

[0077] Therefore, in the resource pool switching method according to the embodiments of the present application, the resource pool on the sidelink is switched according to indication of the first indication information, so that the first terminal device can switch the resource pool in time to ensure that the sidelink communication is performed on the suitable time-frequency resources so as to improve the performance of sidelink communication.

[0078] Optionally, in the embodiments of the present application, the first indication information is used to instruct to switch the resource pool for the sidelink from the first resource pool to the second resource pool, or instruct to switch the resource pool for the sidelink to the second resource pool, or to instruct to activate the second resource pool.

[0079] Optionally, in the embodiments of the present application, the first indication information is used to instruct to switch a bandwidth part BWP from a first BWP to a second BWP, to instruct to switch the bandwidth part BWP to the second BWP, or to instruct to activate the second BWP, the frequency domain resources of the first resource pool are located within a bandwidth range of the first BWP, and the frequency domain resources of the second resource pool are located within the bandwidth range of the second BWP.

[0080] Optionally, in the embodiments of the present application, the first BWP

WHAT IS CLAIMED IS:

1. A resource pool determination method, comprising:
obtaining, by a first terminal device, first indication information, wherein the first indication information is used to instruct to activate a second resource pool; and
performing, by the first terminal device, according to the first indication information, sidelink communication by using the second resource pool.
2. The method according to claim 1, further comprising:
obtaining, by the first terminal device, first configuration information, wherein the first configuration information is used to configure parameters of the second resource pool, and wherein the parameters comprise information of a numerology of the resource pool and/or information of a Bandwidth Part (BWP) associated with the resource pool.
3. The method according to claim 1 or 2, wherein frequency domain resources of the second resource pool are located within a bandwidth range of a second BWP, and the second BWP supports at least a numerology.
4. The method according to any one of claims 1 to 3, wherein the first indication information is carried in Radio Resource Control (RRC) signaling or Downlink Control Information (DCI).
5. The method according to claim 2 or 3, wherein the first configuration information is pre-configuration information, or configuration information sent by a network device.
6. The method according to any one of claims 1 to 5, wherein the resource pool comprises a transmission resource pool.
7. A resource pool determination method, comprising:
sending first indication information to a first terminal device, wherein the first indication information is used to instruct to activate a second resource pool, and wherein the second resource pool is used by the first terminal device to perform sidelink communication according to the first indication information.
8. The method according to claim 7, further comprising:
sending first configuration information to the first terminal device, wherein the first configuration information is used to configure parameters of the second resource pool, and wherein the parameters comprise information of a numerology of the resource pool and/or information of a Bandwidth Part (BWP) associated with the resource pool.
9. The method according to claim 7 or 8, wherein frequency domain resources of the second resource pool are located within a bandwidth range of a second BWP, and the second BWP

supports at least a numerology.

10. The method according to any one of claims 7 to 9, wherein when the method is performed by a network device, the first indication information is carried in Radio Resource Control (RRC) signaling or Downlink Control Information (DCI).

11. The method according to claim 8 or 9, wherein the first configuration information is pre-configuration information, or configuration information sent by a network device.

12. The method according to any one of claims 7 to 11, wherein the resource pool comprises a transmission resource pool.

13. A terminal device, wherein the terminal device is a first terminal device and comprises:
a processing unit configured to obtain first indication information, wherein the first indication information is used to instruct to activate a second resource pool, and the processing unit is configured to perform, according to the first instruction information, sidelink communication by using the second resource pool.

14. The terminal device according to claim 13, wherein the processing unit is further configured to:

obtain first configuration information, wherein the first configuration information is used to configure parameters of the second resource pool, and wherein the parameters comprise information of a numerology of the resource pool and/or information of a Bandwidth Part (BWP) associated with the resource pool.

15. The terminal device according to claim 13 or 14, wherein frequency domain resources of the second resource pool are located within a bandwidth range of a second BWP, and the second BWP supports at least a numerology.