CLAIMS

1. An access method applied for a wireless terminal, a chip for the wireless terminal, or a module for the wireless terminal, wherein the method comprises:

receiving (502), in a first cell, first information from a network device, wherein the first information comprises one or more of following information: characteristic information of wireless terminals allowed to access the first cell, characteristic information of wireless terminals disallowed to access the first cell, wherein the characteristic information comprises a value of the following parameter of wireless terminals: a branch quantity; and

determining (503), based on the first information, whether to access the first cell.

2. An access method applied for a network device, a chip for the network device, or a module for the network device, wherein the method comprises:

sending (501), in a first cell, first information to a wireless terminal, wherein the first information comprises one or more of following information: characteristic information of wireless terminals allowed to access the first cell, characteristic information of wireless terminals disallowed to access the first cell, wherein the characteristic information comprises a value of the following parameter of wireless terminals: a branch quantity.

3. The method according to claim 1 or 2, wherein

the first information is carried in a system information block, SIB;

the first information is carried in a paging message; or

the first information is carried in downlink control information, DCI, and the DCI is used for scheduling a SIB.

4. The method according to any one of claims 1 to 3, wherein the characteristic information corresponds to a type of wireless terminals;

the first information comprises a type of wireless terminals allowed to access the first cell; and/or

the first information comprises a type of wireless terminals disallowed to access the first cell.

5. The method according to any one of claims 1 to 4, wherein the characteristic information further comprises a value of the following parameter of wireless terminals: a duplex capability.

6. The method according to claim 5, wherein the duplex capability is half-duplex frequency division duplex, FDD, capability.

7. An access method applied for a wireless terminal, a chip for the wireless terminal, or a module for the wireless terminal, wherein the method comprises:

sending (701), in a first cell, third information to a first network device, wherein the third information indicates characteristic information of the wireless terminal, wherein the characteristic information comprises a value of the following parameter of the wireless terminal: a branch quantity; and

receiving (703), in the first cell, a response message from the first network device, wherein the response message indicates whether the wireless terminal is allowed to access the first cell.

8. An access method applied for a network device, a chip for the network device, or a module for the network device, wherein the method comprises:

receiving (701), in a first cell, third information from a wireless terminal, wherein the third information indicates characteristic information of the wireless terminal, wherein the characteristic information comprises a value of the following parameter of the wireless terminal: a branch quantity; and

sending (702), in the first cell, a response message to the wireless terminal based on the third information, wherein the response message indicates whether the wireless terminal is allowed to access the first cell.

9. The method according to claim 7 or 8, wherein

the third information is carried in Msg3, and the response message is carried in Msg4 or carried in downlink control information, DCI, for scheduling Msg4; or

the third information is carried in MsgA, and the response message is carried in MsgB or carried in DCI for scheduling MsgB.

10. The method according to any one of claims 7 to 9, wherein the characteristic information further comprises a value of the following parameter of the wireless terminal: a duplex capability.

11. The method according to claim 10, wherein the duplex capability is half-duplex frequency division duplex, FDD, capability.

12. A communication apparatus, configured to perform the access method according to any one of claims 1, and 3 to 6 or the access method according to any one of claims 7, and 9 to 11.

13. A communication apparatus, configured to perform the access method according to any one of claims 2 to 6, or the access method according to any one of claims 8 to 11.

14. A computer-readable storage medium, wherein the computer-readable storage medium stores computer instructions, and when the computer instructions are run on a computer, the computer is enabled to perform the access method according to any one of claims 1, 3 to 6, 7 or 9 to 11 when the computer is comprised in a wireless terminal, or the access method according to any one of claims 2 to 6 or 8 to 11 when the computer is comprised in a network device.

15. A computer program product, wherein the computer program product comprises computer instructions, and when the computer instructions are run on a computer, the computer is enabled to perform the access method according to any one of claims 1, 3 to 6, 7 or 9 to 11 when the computer is comprised in a wireless terminal, or the access method according to any one of claims 2 to 6 or 8 to 11 when the computer is comprised in a network device.