

CLAIMS

1. A method for determining a slot format, comprising:

receiving (S101), by a terminal device, an indication signal from a network device, wherein the indication signal has a first association with a downlink transmission opportunity obtained by the network device, and the indication signal carries an identification code corresponding to a slot format and indicates a slot format corresponding to the downlink transmission opportunity, the slot format corresponding to the downlink transmission opportunity being formats of slots inside the downlink transmission opportunity; and

determining (S102), by the terminal device, a slot format according to the indication signal.

~~2. The method of claim 1, wherein the first association comprises:~~

~~information carried in the indication signal is suitable for transmission of the network device in a time unit corresponding to the downlink transmission opportunity.~~

~~3. The method of claim 1 or 2, wherein the indication signal is used for notifying the slot format.~~

~~4. The method of any one of claims 1 to 3, wherein the indication signal carries an identification code corresponding to the slot format.~~

~~5~~2. The method of ~~any one of claims 1 to 4~~claim 1, wherein the indication signal indicates at least one of the following:

- a time when the terminal device starts to detect a downlink channel;
- a time when the terminal device starts to receive the downlink channel;
- a duration of the downlink transmission opportunity; or
- a starting time of downlink transmission.

~~6~~3. The method of ~~any one of claims 1 to 5~~claim 1 or 2, wherein the indication signal comprises downlink control information, DCI.

74. The method of any one of claims 1 to 63, further comprising:

receiving, by the terminal device according to the slot format, downlink transmission of the network device in a time unit corresponding to the downlink transmission opportunity.

~~8. The method of any one of claims 1 to 7, wherein the slot format is a slot format in a time unit corresponding to the downlink transmission opportunity.~~

95. A method for determining a slot format, comprising:

sending (S201), by a network device, an indication signal to a terminal device after obtaining a downlink transmission opportunity, wherein the indication signal has a first association with the downlink transmission opportunity, and the indication signal is used for the terminal device to determine the slot format, and

wherein the indication signal carries an identification code corresponding to the slot format and indicates a slot format corresponding to the downlink transmission opportunity, the slot format corresponding to the downlink transmission opportunity being formats of slots inside the downlink transmission opportunity.

6. The method of claim 5, wherein the indication signal indicates at least one of the following:

a time when the terminal device starts to detect a downlink channel;

a time when the terminal device starts to receive the downlink channel;

a duration of the downlink transmission opportunity; or

a starting time of downlink transmission.

7. The method of claim 5 or 6, wherein the indication signal comprises downlink control information, DCI.

8. The method of any one of claims 5 to 7, further comprising:

performing, by the network device, downlink transmission in a time unit corresponding to the downlink transmission opportunity according to the slot format.

~~10. The method of claim 9, wherein the first association comprises:~~

~~information carried in the indication signal is suitable for transmission of the network device in a time unit corresponding to the downlink transmission opportunity.~~

~~11. The method of claim 9 or 10, wherein the indication signal is used for notifying the slot format.~~

~~12. The method of any one of claims 9 to 11, wherein the indication signal carries an identification code corresponding to the slot format.~~

~~13~~9. A terminal device (400), comprising:

a receiving unit (401), configured to receive an indication signal from a network device, wherein the indication signal has a first association with a downlink transmission opportunity obtained by the network device, and the indication signal carries an identification code corresponding to a slot format and indicates a slot format corresponding to the downlink transmission opportunity, the slot format corresponding to the downlink transmission opportunity being formats of slots inside the downlink transmission opportunity; and

a processing unit (402), configured to determine a slot format according to the indication signal.

~~14. The terminal device of claim 13, wherein the first association comprises:~~

~~information carried in the indication signal is suitable for transmission of the network device in a time unit corresponding to the downlink transmission opportunity.~~

~~15. The terminal device of claim 13 or 14, wherein the indication signal is used for notifying the slot format.~~

~~16. The terminal device of any one of claims 13 to 15, wherein the indication signal carries an identification code corresponding to the slot format.~~

~~17~~10. The terminal device of ~~any one of claims 13 to 16~~claim 9, wherein the indication signal indicates at least one of the following:

- a time when the terminal device starts to detect a downlink channel;
- a time when the terminal device starts to receive the downlink channel;
- a duration of the downlink transmission opportunity; or
- a starting time of downlink transmission.

~~18~~11. The terminal device of ~~any one of claims 13 to 17~~claim 9 or 10, wherein the indication

signal comprises downlink control information, DCI.

~~19~~12. The terminal device of any one of claims ~~13-9~~ to ~~18~~11, wherein the receiving unit is further configured to receive, according to the slot format, downlink transmission of the network device in a time unit corresponding to the downlink transmission opportunity.

~~20. The terminal device of any one of claims 13 to 19, wherein the slot format is a slot format in a time unit corresponding to the downlink transmission opportunity.~~

~~21~~13. A network device (500), comprising:

a sending unit (501), configured to send an indication signal to a terminal device after the network device obtains a downlink transmission opportunity, wherein the indication signal has a first association with the downlink transmission opportunity, and the indication signal is used for the terminal device to determine a slot format, and

wherein the indication signal carries an identification code corresponding to the slot format and indicates a slot format corresponding to the downlink transmission opportunity, the slot format corresponding to the downlink transmission opportunity being formats of slots inside the downlink transmission opportunity.

~~22~~14. The network device of claim ~~21~~13, wherein the indication signal indicates at least one of the following:

- a time when the terminal device starts to detect a downlink channel;
- a time when the terminal device starts to receive the downlink channel;
- a duration of the downlink transmission opportunity; or
- a starting time of downlink transmission.

~~23~~15. The network device of claim ~~21-13~~ or ~~22~~14, wherein the indication signal comprises downlink control information, DCI.

~~24~~16. The network device of any one of claims ~~21-13~~ to ~~23~~15, wherein the sending unit (501) is further configured to perform downlink transmission in a time unit corresponding to the downlink transmission opportunity according to the slot format.

~~25. The network device of any one of claims 21 to 24, wherein the slot format is a slot format~~

~~in a time unit corresponding to the downlink transmission opportunity.~~