WHAT IS CLAIMED IS:

1. A method for determining a channel detection mechanism, for a scenario of uplink transmission through an uplink channel of an unlicensed spectrum, comprising:

receiving (406), by a terminal, notification information from a base station; and

determining (408), by the terminal, a channel detection mechanism for the uplink transmission based on the notification information.

2. The method as claimed in claim 1, wherein, the uplink transmission is an uplink transmission of a configuration type; and

receiving (406), by the terminal, the notification information from the base station, comprises:

receiving (406a), by the terminal, a configuration signaling from the base station, the configuration signaling being a configuration signaling corresponding to the uplink transmission, the configuration signaling carrying the notification information;

or,

receiving (406b), by the terminal, an independent signaling from the base station, the independent signaling being different from the configuration signaling, the independent signaling carrying the notification information.

3. The method as claimed in claim 1, wherein, the uplink transmission is an uplink transmission of a scheduling type; and

receiving (406), by the terminal, the notification information from the base station, comprises:

receiving (406c), by the terminal, a scheduling signaling from the base station, the scheduling signaling being a scheduling signaling corresponding to the uplink transmission, the scheduling signaling carrying the notification information at a preset location.

4. The method as claimed in any one of claims 1 to 3, wherein, receiving (406), by the

~~terminal, the notification information from the base station, comprises:~~

~~receiving, by the terminal, the notification information from the base station in response that a channel occupation duration corresponding to the uplink transmission is initiated by the base station.~~

~~5~~1. A method for determining a channel detection mechanism, for a scenario of uplink transmission through an uplink channel of an unlicensed spectrum, comprising:

determining (901), by a terminal, a type of the uplink transmission in response that a channel occupation duration corresponding to the uplink transmission is initiated by the terminal, wherein the type of the uplink transmission comprises a type of an uplink control signaling and/or a type of uplink data;

when at least two different types of uplink transmission require continuous transmissions in the channel occupancy duration initiated by the terminal, and the at least two different types of uplink transmission comprises a first type of uplink transmission and a second type of uplink transmission, determining, by the terminal, a first channel detection mechanism corresponding to the first type of uplink transmission and a second channel detection mechanism corresponding to the second type of uplink transmission based on a corresponding relationship; and

determining (902), by the terminal, a channel detection mechanism with a lowest channel access priority in the first channel detection mechanism and the second channel detection mechanism;~~corresponding to the type based on a corresponding relationship~~

wherein the first type of uplink transmission is the type of the uplink control signaling, and the second type of uplink transmission is the type of the uplink data.

~~6~~2. The method as claimed in claim 1~~5~~, wherein,

the corresponding relationship is pre-determined by a communication protocol;

or,

the corresponding relationship is configured by a base station to the terminal.

~~7. A method for determining a channel detection mechanism, for a scenario of uplink transmission through an uplink channel of an unlicensed spectrum, comprising:~~

generating (402), by a base station, notification information for indicating a channel detection mechanism for the uplink transmission; and

transmitting (404), by the base station, the notification information to a terminal.

8. The method as claimed in claim 7, wherein, the uplink transmission is an uplink transmission of a configuration type; and

transmitting (404), by the base station, the notification information to the terminal, comprises:

transmitting (404a), by the base station, a configuration signaling to the terminal, the configuration signaling being a configuration signaling corresponding to the uplink transmission, the configuration signaling carrying the notification information;

or,

transmitting (404b), by the base station, an independent signaling to the terminal, the independent signaling being different from the configuration signaling, the independent signaling carrying the notification information.

9. The method as claimed in claim 7, wherein, the uplink transmission is an uplink transmission of a scheduling type; and

transmitting (404), by the base station, the notification information to the terminal, comprises:

transmitting (404c), by the base station, a scheduling signaling to the terminal, the scheduling signaling being a scheduling signaling corresponding to the uplink transmission, the scheduling signaling carrying the notification information at a preset location.

10. The method as claimed in any one of claims 7 to 9, wherein, transmitting (404), by the base station, the notification information to the terminal, comprises:

transmitting, by the base station, the notification information to the terminal in response that a channel occupation duration corresponding to the uplink transmission is initiated by the base station.

~~11. An apparatus for determining a channel detection mechanism, for a scenario of uplink transmission through an uplink channel of an unlicensed spectrum, comprising:~~

~~a receiving module (1120), configured to receive notification information from a base station; and~~

~~a determining module (1140), configured to determine a channel detection mechanism for the uplink transmission based on the notification information.~~

~~12. The apparatus as claimed in claim 11, wherein, the uplink transmission is an uplink transmission of a configuration type; and~~

~~the receiving module (1120) is configured to receive a configuration signaling from the base station, the configuration signaling being a configuration signaling corresponding to the uplink transmission, the configuration signaling carrying the notification information;~~

~~or,~~

~~the receiving module (1120) is configured to receive an independent signaling from the base station, the independent signaling being different from the configuration signaling, the independent signaling carrying the notification information.~~

~~13. The apparatus as claimed in claim 11, wherein, the uplink transmission is an uplink transmission of a scheduling type; and~~

~~the receiving module (1120) is configured to receive a scheduling signaling from the base station, the scheduling signaling being a scheduling signaling corresponding to the uplink transmission, the scheduling signaling carrying the notification information at a preset location.~~

~~14. The apparatus as claimed in any one of claims 11 to 13, wherein,~~

~~the receiving module (1120) is configured to, receive the notification information from the base station in response that a channel occupation duration corresponding to the uplink transmission is initiated by the base station.~~

~~15~~3. An apparatus for determining a channel detection mechanism, for a terminal where uplink transmission is performed through an uplink channel of an unlicensed spectrum, comprising:

a first determining module (1220), configured to determine a type of the uplink transmission in response that a channel occupation duration corresponding to the uplink transmission is initiated by the terminal, wherein the type of the uplink transmission comprises a type of an uplink control signaling and/or a type of uplink data; and

a second determining module (1240), configured to, when at least two different types of uplink transmission require continuous transmissions in the channel occupancy duration initiated by the terminal, and the at least two different types of uplink transmission comprises a first type of uplink transmission and a second type of uplink transmission, determine a first channel detection mechanism corresponding to the first type of uplink transmission and a second channel detection mechanism corresponding to the second type of uplink transmission based on a corresponding relationship; and determine a channel detection mechanism with a lowest channel access priority in the first channel detection mechanism and the second channel detection mechanism~~corresponding to the type based on a corresponding relationship~~;

wherein the first type of uplink transmission is the type of the uplink control signaling, and the second type of uplink transmission is the type of the uplink data.

~~16~~4. The apparatus as claimed in claim ~~15~~3, wherein,

the corresponding relationship is pre-determined by a communication protocol;

or,

the corresponding relationship is configured by a base station to the terminal.

~~17. An apparatus for determining a channel detection mechanism, for a scenario of uplink transmission through an uplink channel of an unlicensed spectrum, comprising:~~

~~a generating module (1320), configured to generate notification information for indicating a channel detection mechanism for the uplink transmission; and~~

~~a transmitting module (1340), configured to transmit the notification information to a~~

~~terminal to determine the channel detection mechanism for the uplink transmission.~~

~~18. The apparatus as claimed in claim 17, wherein, the uplink transmission is an uplink transmission of a configuration type; and~~

~~the transmitting module (1340), is configured to transmit a configuration signaling to the terminal, the configuration signaling being a configuration signaling corresponding to the uplink transmission, the configuration signaling carrying the notification information;~~

~~or,~~

~~the transmitting module (1340), is configured to transmit an independent signaling to the terminal, the independent signaling being different from the configuration signaling, the independent signaling carrying the notification information.~~

~~19. The apparatus as claimed in claim 17, wherein, the uplink transmission is an uplink transmission of a scheduling type; and~~

~~the transmitting module (1340) is configured to transmit a scheduling signaling to the terminal, the scheduling signaling being a scheduling signaling corresponding to the uplink transmission, the scheduling signaling carrying the notification information at a preset location.~~

~~20. The apparatus as claimed in any one of claims 17 to 19, wherein,~~

~~the transmitting module (1340) is configured to, transmit the notification information to the terminal in response that a channel occupation duration corresponding to the uplink transmission is initiated by the base station.~~

~~21~~5. A terminal, comprising:

a processor;

a transceiver coupled to the processor; and

a memory configured to store instructions executable by the processor;

wherein, the processor is configured to load and execute the instructions executable to perform the method as claimed in any one of claims 1 to ~~6~~2.

~~22. A base station, comprising:~~

~~a processor;~~

~~a transceiver coupled to the processor; and~~

~~a memory configured to store instructions executable by the processor;~~

~~wherein, the processor is configured to load and execute the instructions executable to perform the method as claimed in any one of claims 7 to 10.~~

~~23~~6. A computer-readable storage medium, wherein the computer-readable storage medium stores at least one instruction, at least one program, a code set and an instruction set, the at least one instruction, the at least one program, the code set or the instruction set being loaded and executed by a processor to perform the method as claimed in any one of claims 1 to ~~10~~2.