

CLAIMS

What is claimed is:

1. An information transmission method, comprising:
transmitting an uplink cancellation indication, wherein
the uplink cancellation indication comprises first indication information and second indication information, a first parameter of the second indication information is determined based on a payload size of the uplink cancellation indication and a bit quantity of the first indication information, and the first parameter comprises at least one of a bit quantity and an indication granularity;
wherein one of the first indication information and the second indication information is time domain indication information, and the other is frequency domain indication information.
2. The method according to claim 1, wherein the bit quantity of the first indication information is determined based on first resource information, wherein
the first resource information comprises at least one of an indicated resource area size of the first indication information and first configuration information.
3. The method according to claim 2, wherein the bit quantity of the first indication information is determined based on the first resource information and a second parameter, wherein
the second parameter comprises at least one of the following: a first bit quantity, a first indication format, and a first indication granularity; and the first bit quantity is a preset bit quantity of the first indication information, the first indication format is a preset format of the first indication information, and the first indication granularity is a preset indication granularity of the first indication information.
4. The method according to claim 3, wherein the first indication information in the first indication format comprises one of the following:
a start position indication vector;
a start and length indication vector; and
a bitmap.
5. The method according to claim 3 or 4, wherein in a case that a first information compression condition is met, the bit quantity of the first indication information is a second bit quantity determined based on the first resource information and a second indication granularity, wherein
the second indication granularity is greater than the first indication granularity.
6. The method according to claim 5, wherein the first information compression condition comprises that a third bit quantity is greater than the first bit quantity, wherein the third bit

quantity is a bit quantity determined based on the first resource information and the first indication granularity.

7. The method according to claim 3 or 4, wherein in a case that a second information compression condition is met, the bit quantity of the first indication information is a fourth bit quantity determined based on the first resource information and a second indication format, wherein

the fourth bit quantity is smaller than a fifth bit quantity, and the fifth bit quantity is a bit quantity determined based on the first resource information and the first indication format.

8. The method according to claim 7, wherein the second information compression condition comprises that the fifth bit quantity is greater than the first bit quantity.

9. The method according to claim 2, wherein the first indication information is time domain indication information, and the indicated resource area size of the time domain indication information is determined based on a monitoring periodicity of the uplink cancellation indication.

10. An electronic device, comprising:

a transmission module, configured to transmit an uplink cancellation indication, wherein the uplink cancellation indication comprises first indication information and second indication information, a first parameter of the second indication information is determined based on a payload size of the uplink cancellation indication and a bit quantity of the first indication information, and the first parameter comprises at least one of a bit quantity and an indication granularity;

wherein one of the first indication information and the second indication information is time domain indication information, and the other is frequency domain indication information.

11. The electronic device according to claim 10, wherein the bit quantity of the first indication information is determined based on first resource information, wherein

the first resource information comprises at least one of an indicated resource area size of the first indication information and first configuration information.

12. The electronic device according to claim 11, wherein the bit quantity of the first indication information is determined based on the first resource information and a second parameter, wherein

the second parameter comprises at least one of the following: a first bit quantity, a first indication format, and a first indication granularity; and the first bit quantity is a preset bit quantity of the first indication information, the first indication format is a preset format of the first indication information, and the first indication granularity is a preset indication granularity of the first indication information.

13. The electronic device according to claim 12, wherein the first indication information in the first indication format comprises one of the following:

- a start position indication vector;
- a start and length indication vector; and
- a bitmap.

14. The electronic device according to claim 12, wherein in a case that a first information compression condition is met, the bit quantity of the first indication information is a second bit quantity determined based on the first resource information and a second indication granularity, wherein

the second indication granularity is greater than the first indication granularity.

15. The electronic device according to claim 14, wherein the first information compression condition comprises that a third bit quantity is greater than the first bit quantity, wherein the third bit quantity is a bit quantity determined based on the first resource information and the first indication granularity.

16. The electronic device according to claim 12, wherein in a case that a second information compression condition is met, the bit quantity of the first indication information is a fourth bit quantity determined based on the first resource information and a second indication format, wherein

the fourth bit quantity is smaller than a fifth bit quantity, and the fifth bit quantity is a bit quantity determined based on the first resource information and the first indication format.

17. The electronic device according to claim 16, wherein the second information compression condition comprises that the fifth bit quantity is greater than the first bit quantity.

18. The electronic device according to claim 11, wherein the first indication information is time domain indication information, and the indicated resource area size of the time domain indication information is determined based on a monitoring periodicity of the uplink cancellation indication.

19. An electronic device, comprising a processor, a memory, and a computer program stored in the memory and capable of running on the processor, wherein when the computer program is executed by the processor, the steps of the information transmission method according to any one of claims 1 to 9 are implemented.

20. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is executed by a processor, the steps of the information transmission method according to any one of claims 1 to 9 are implemented.