

CLAIMS

1. A method for determining a discontinuous reception, DRX, state, comprising:
receiving, by a terminal device, first indicating information transmitted from a network device, wherein the first indicating information is represented by a domain in downlink control information, DCI, wherein the first indicating information is used for indicating the terminal device to switch from a first DRX state to a second DRX state when the value of the domain is 0, and the first indicating information is used for indicating the terminal device to remain in the first DRX state in which the terminal device stays when the value of the domain is 1; and
switching, by the terminal device, a DRX state in which the terminal device stays according to the first indicating information, wherein a receiver of the terminal device is turned on when in the first DRX state, and turned off when in the second DRX state.
2. The method according to claim 1, wherein the DRX state in which the terminal device stays is the first DRX state, the first indicating information indicates the terminal device to switch to the second DRX state, and the switching, by the terminal device, a DRX state comprises:
switching, by the terminal device, from the first DRX state to the second DRX state according to the first indicating information.
3. The method according to claim 1 or 2, wherein the receiving, by a terminal device, first indicating information transmitted from a network device comprises:
receiving, by the terminal device, the first indicating information transmitted from the network device via a dedicated downlink control channel or a common control channel.
4. The method according to any one of claims 1-3, wherein the first indicating information is used for indicating a target DRX parameter configured for the terminal device, the target DRX parameter is used for indicating a duration for which the terminal device stays in a DRX state.
5. The method according to claim 4, wherein:
the first indicating information is used for indicating an index of the target DRX parameter among a plurality of pre-configured DRX parameters; or
the first indicating information is used for indicating a difference between an index of the target DRX parameter and an index of a first DRX parameter, wherein the first DRX parameter is any one of a plurality of pre-configured DRX parameters.
6. A terminal device, comprising:
a communicating module, configured to receive first indicating information transmitted

from a network device, wherein the first indicating information is represented by a domain in downlink control information, DCI, wherein the first indicating information is used for indicating the terminal device to switch from a first discontinuous reception, DRX state to a second DRX state when the value of the domain is 0, and the first indicating information is used for indicating the terminal device to remain in the first DRX state in which the terminal device stays when the value of the domain is 1; and

a processing module, configured to switch a DRX state in which the terminal device stays according to the first indicating information, wherein a receiver of the terminal device is turned on when in the first DRX state, and turned off when in the second DRX state.

7. The terminal device according to claim 6, wherein the DRX state in which the terminal device stays is the first DRX state, the first indicating information indicates the terminal device to switch to the second DRX state, and the processing module is configured to:

switch from the first DRX state to the second DRX state according to the first indicating information.

8. The terminal device according to claim 6 or 7, wherein the communicating module is configured to receive the first indicating information transmitted from the network device via a dedicated downlink control channel or a common control channel.

9. The terminal device according to any one of claims 6-8, wherein the first indicating information is used for indicating a target DRX parameter configured for the terminal device, the target DRX parameter is used for indicating a duration for which the terminal device stays in a DRX state.

10. The terminal device according to claim 9, wherein the first indicating information is used for indicating an index of the target DRX parameter among a plurality of pre-configured DRX parameters.

11. The terminal device according to claim 9, wherein the first indicating information is used for indicating a difference between an index of the target DRX parameter and an index of a first DRX parameter, wherein the first DRX parameter is any one of a plurality of pre-configured DRX parameters.