

CLAIMS

What is claimed is:

1. A wireless communications method, wherein the method is applied to a terminal device in connected mode, and the method comprises:

5 receiving, by the terminal device, dedicated signaling sent by a network device; and
obtaining, by the terminal device, updated system broadcast information according to the dedicated signaling.

2. The method according to claim 1, wherein the dedicated signaling comprises the updated system broadcast information.

10 3. The method according to claim 2, wherein before the receiving, by the terminal device, dedicated signaling sent by a network device, the method further comprises:

receiving, by the terminal device, first indication information sent by the network device, wherein the first indication information is used for instructing the terminal device to stop monitoring a downlink control channel through a paging-radio network temporary
15 identifier (P-RNTI) and/or a system information-radio network temporary identifier (SI-RNTI).

4. The method according to claim 1, wherein the dedicated signaling comprises system broadcast change indication information;

the obtaining, by the terminal device, updated system broadcast information according
20 to the dedicated signaling comprises:

monitoring, by the terminal device, a downlink control channel on a next periodic boundary of system broadcast through an SI-RNTI according to the system broadcast change indication information in the dedicated signaling, to obtain the updated system broadcast information; and

25 the method further comprises:

stopping, by the terminal device after obtaining the updated system broadcast

information, monitoring the downlink control channel through the SI-RNTI.

5. The method according to claim 4, wherein before the receiving, by the terminal device, dedicated signaling sent by a network device, the method further comprises:

receiving, by the terminal device, second indication information sent by the network
 5 device, wherein the second indication information is used for instructing the terminal device to stop monitoring a downlink control channel through a P-RNTI.

6. A communications device, wherein the communications device is a terminal device in connected mode, and the communications device comprises:

a communications unit, configured to receive dedicated signaling sent by a network
 10 device; and

an obtaining unit, configured to obtain updated system broadcast information according to the dedicated signaling.

7. The communications device according to claim 6, wherein the dedicated signaling comprises the updated system broadcast information.

15 8. The communications device according to claim 7, wherein the communications unit is further configured to:

receive, before receiving the dedicated signaling sent by the network device, first indication information sent by the network device, wherein the first indication information is used for instructing the terminal device to stop monitoring a downlink control channel
 20 through a paging-radio network temporary identifier (P-RNTI) and/or a system information-radio network temporary identifier (SI-RNTI).

9. The communications device according to claim 6, wherein the dedicated signaling comprises system broadcast change indication information;

the obtaining unit is specifically configured to:

25 monitor a downlink control channel on a next periodic boundary of system broadcast through an SI-RNTI according to the system broadcast change indication information in the dedicated signaling, to obtain the updated system broadcast information; and

the communications unit is further configured to:

stop, by the terminal device after obtaining the updated system broadcast information, monitoring the downlink control channel through the SI-RNTI.

10 10. The communications device according to claim 9, wherein the communications
5 unit is further configured to:

receive, before receiving the dedicated signaling sent by the network device, second indication information sent by the network device, wherein the second indication information is used for instructing the terminal device to stop monitoring a downlink control channel through a P-RNTI.

10 11. The communications device according to claim 9 or 10, wherein the system
broadcast change indication information comprises at least one of the following indication
information:

15 system information (SI) change indication information, change indication information
of each system information block (SIB), earthquake and tsunami warning system (ETWS)
change indication information, and commercial mobile alert system (CMAS) change
indication information.

12. The communications device according to any one of claims 6 to 11, wherein the
dedicated signaling comprises: dedicated downlink control information (DCI) signaling
and/or dedicated radio resource control (RRC) signaling.

20 13. A communications device, comprising:

a determining unit, configured to determine to update system broadcast information;
and

a communications unit, configured to send dedicated signaling to a terminal device in
connected mode, wherein the dedicated signaling is used by the terminal device to obtain
25 the updated system broadcast information.

14. The communications device according to claim 13, wherein the dedicated
signaling comprises the updated system broadcast information.

15. The communications device according to claim 14, wherein before the communications unit sends the dedicated signaling to the terminal device, the determining unit is further configured to:

5 generate first indication information, wherein the first indication information is used for instructing the terminal device to stop monitoring a downlink control channel through a paging-radio network temporary identifier (P-RNTI) and/or a system information-radio network temporary identifier (SI-RNTI); and

the communications unit is further configured to send the first indication information to the terminal device.

10 16. The communications device according to claim 13, wherein the dedicated signaling comprises system broadcast change indication information.

17. The communications device according to claim 16, wherein before the communications unit sends the dedicated signaling to the terminal device, the determining unit is further configured to:

15 generate second indication information, wherein the second indication information is used for instructing the terminal device to stop monitoring a downlink control channel through a P-RNTI; and

the communications unit is further configured to send the second indication information to the terminal device.

20 18. The communications device according to claim 16 or 17, wherein the system broadcast change indication information comprises at least one of the following indication information:

25 system information (SI) change indication information, change indication information of each system information block (SIB), earthquake and tsunami warning system (ETWS) change indication information, and commercial mobile alert system (CMAS) change indication information.

19. The communications device according to any one of claims 13 to 18, wherein the

dedicated signaling comprises: dedicated downlink control information (DCI) signaling and/or dedicated radio resource control (RRC) signaling.