

CLAIMS

1. A method for acquiring system information, comprising:
 - transmitting, by a terminal, a system information request to a base station;
 - receiving, by the terminal, a system information request response transmitted by the base station, wherein the system information request response comprises transmission indication information of system information;
 - wherein the transmission indication information is used to indicate that the terminal acquires, based on the transmission indication information, the system information transmitted by the base station; and
 - acquiring, by the terminal, according to the transmission indication information, the system information transmitted by the base station;
 - wherein the transmission indication information is used to indicate that the system information is transmitted based on a transmission parameter of the system information carried in minimum system information, or the transmission indication information is used to indicate that the system information is transmitted based on a pre-configured transmission parameter of the system information;
 - wherein the transmission parameter comprises: an effective transmission duration and a transmission period,
 - the acquiring, by the terminal, according to the transmission indication information, the system information transmitted by the base station comprises:
 - after the system information request response is received, repeatedly performing, by the terminal, an action of receiving the system information according to the transmission period and stopping receiving the system information when the system information is successfully received, or the terminal stopping receiving the system information when a receiving duration reaches the effective transmission duration;
 - wherein the receiving duration is a duration of performing the receiving action from a time instance when the system information request response is received.
2. The method according to claim 1, wherein the transmission parameter further comprises at least one of the following: a transmission manner, a number of transmission times, a transmission start position, an encoding manner, and a resource used for transmission.

3. The method according to claim 1, wherein,
the receiving, by the terminal, the system information request response transmitted by the base station comprises:

receiving, by the terminal, feedback information transmitted by the base station for a physical random access resource, wherein the feedback information carries the system information request response.

4. An apparatus for acquiring system information, comprising:

a transmitting module, configured to transmit a system information request to a base station;

a receiving module, configured to receive a system information request response transmitted by the base station, wherein the system information request response comprises transmission indication information of system information;

wherein the transmission indication information is used to indicate that the system information transmitted by the base station is acquired based on the transmission indication information; and

an information acquiring module, configured to: after the system information request response transmitted by the base station is received, acquire, according to the transmission indication information, the system information transmitted by the base station;

wherein the transmission indication information is used to indicate that the system information is transmitted based on a transmission parameter of the system information carried in minimum system information, or the transmission indication information is used to indicate that the system information is transmitted based on a pre-configured transmission parameter of the system information;

wherein the transmission parameter comprises: an effective transmission duration and a transmission period, and the information acquiring module is specifically configured to:

after the system information request response is received, repeatedly perform an action of receiving the system information according to the transmission period and stop receiving the system information when the system information is successfully received, or stop receiving the system information when a receiving duration reaches the effective transmission duration;

wherein the receiving duration is a duration of performing the receiving action from a time instance when the system information request response is received.

5. The apparatus according to claim 4, further comprising:

a retransmitting module, configured to: after the system information request response transmitted by the base station is received, retransmit the system information request to the base station when the system information cannot be successfully received according to the transmission parameter.

6. The apparatus according to claim 4, wherein the transmission parameter further comprises at least one of the following: a transmission manner, a number of transmission times, a transmission start position, an encoding manner, and a resource used for transmission.

7. The apparatus according to claim 4, wherein the receiving module is specifically configured to:

receive feedback information transmitted by the base station for a physical random access resource, wherein the feedback information carries the system information request response.