WHAT IS CLAIMED IS:

1. A paging method, performed by a terminal and comprising:

responding to reception of multicast broadcast service (MBS) paging message configuration information; and

determining whether to receive an MBS paging message based on the MBS paging message configuration information; wherein the MBS paging message carries MBS service information.

2. The method according to claim 1, wherein responding to reception of the multicast broadcast service (MBS) paging message configuration information comprises:

responding to reception of the MBS paging message configuration information specified in a protocol, or

responding to reception of the MBS paging message configuration information provided by a network device.

3. The method according to claim 2, wherein responding to the MBS paging message configuration information provided by the network device comprises:

responding to the MBS paging message configuration information provided by the network device via system information or MBS control channel information or a radio resource control (RRC) connection release message.

4. The method according to any one of claims 1 to 3, wherein the MBS paging message configuration information comprises: a resource configuration of the MBS paging message; wherein the resource configuration of the MBS paging message comprises at least one of:

a control channel of the MBS paging message;

a time domain configuration of a data channel;

a frequency domain configuration of the data channel;

an identity of the MBS paging message;

a paging cycle of the MBS paging message;

a starting offset of the MBS paging message; or

an association between a downlink beam and a control channel resource of the MBS paging message or a data channel resource.

~~5. The method according to claim 4, wherein the downlink beam is marked by a synchronous signal block identity or a channel state information reference signal identity.~~

~~6. The method according to claim 4 or 5, wherein the association between the downlink beam and the control channel resource of the MBS paging message or the data channel resource comprises:~~

~~in each paging cycle of the MBS paging message, an association between the downlink beam and one or more control channel resources of the MBS paging message or one or more data channel~~

~~resources.~~

~~7~~5. The method according to any one of claims 1 to ~~6~~4, wherein the MBS paging message configuration information further comprises: an MBS service identity corresponding to the resource configuration of the MBS paging message, wherein the MBS service identity comprises: a temporary mobile group identity (TMGI) or an MBS session identity or an MBS service flow identity.

~~8. The method according to any one of claims 1 to 7, wherein the MBS service information comprises: an MBS service identity or an MBS service label.~~

~~9~~6. The method according to any one of claims 1 to ~~8~~5, further comprising: after responding to reception of the multicast broadcast service (MBS) paging message configuration information, determining whether to monitor a sending of the MBS paging message based on the MBS paging message configuration information.

~~10~~7. The method according to claim ~~9~~6, wherein determining whether to monitor the sending of the MBS paging message based on the MBS paging message configuration information comprises:

not monitoring or stopping monitoring the sending of the MBS paging message, in case that a radio resource control~~an~~ (RRC) connection state is a radio resource control connected state ~~(CONNECTED)~~, or a currently resident cell does not provide an MBS service, or a currently resident cell does not provide an MBS service that the terminal is interested in; or

monitoring or starting monitoring the sending of the MBS paging message, in case that ~~an~~ the RRC connection state is a radio resource control idle state ~~(IDLE)~~ or a radio resource control inactive state ~~(INACTIVE)~~, or a currently resident cell provides an MBS service, or a currently resident cell provides an MBS service that the terminal is interested in.

~~11. The method according to claim 10, wherein the MBS service that the terminal is interested in comprises:~~

~~an MBS service marked by an MBS service identity that the terminal is interested in and provided in a user service description (USD) file; or~~

~~an MBS service with an established MBS session; or~~

~~an MBS service of which the terminal has joined a data transmission group.~~

~~12~~8. The method according to any one of claims ~~9~~ 6 to ~~11~~7, wherein determining whether to monitor the sending of the MBS paging message based on the MBS paging message configuration information further comprises:

selecting a resource location in one paging cycle of the MBS paging message to monitor the sending of the MBS paging message, in case that the resource configuration of the MBS paging message comprises the association between the downlink beam and the control channel resource

of the MBS paging message or the data channel resource.

~~13~~9. The method according to claim ~~12~~8, wherein selecting the resource location in one paging cycle of the MBS paging message to monitor the sending of the MBS paging message comprises:

in one paging cycle of the MBS paging message, selecting to monitor the sending of the MBS paging message in case that a measurement result of a beam is higher than a threshold value or a beam is a specified beam for receiving a paging message.

~~14~~10. The method according to any one of claims 1 to ~~13~~9, further comprising: starting an MBS service reception, in case that it is determined to receive the MBS paging message based on the MBS paging message configuration information.

~~15~~11. The method according to claim ~~14~~10, wherein starting the MBS service reception comprises initiating a connection access process, or receiving a corresponding MBS service based on the resource configuration of the MBS paging message.

~~16. The method according to claim 15, wherein initiating the connection access process comprises: the terminal providing indication information to indicate that the MBS service needs to be received.~~

~~17. The method according to claim 15 or 16, wherein initiating the connection access process comprises: initiating a connection establishment process or a connection resume process.~~

~~18. The method according to any one of claims 14 to 17, wherein the MBS paging message configuration information comprises: an MBS access control parameter; wherein starting the MBS service reception comprises: responding to reception of the MBS access control parameter, and determining whether to initiate the connection access process.~~

~~19. The method according to claim 18, wherein the MBS access control parameter comprises at least one of:~~

~~a specific access identity or access type corresponding to an MBS service;~~

~~an access randomization parameter of the MBS service; or~~

~~a duration configuration of an access prohibition, after determining that an access attempt is prohibited.~~

~~20. The method according to claim 19, wherein the access randomization parameter of the MBS service comprises: a random number interval for allowing access.~~

~~21. The method according to claim 19 or 20, wherein the duration configuration of the access prohibition comprises: a duration of an access prohibition timer or a randomization value scaling parameter of an access prohibition timer.~~

~~22. The method according to any one of claims 1 to 13, further comprising: not starting an MBS service reception, in case that it is determined not to receive the MBS paging message based~~

~~on the MBS paging message configuration information;~~

~~wherein not starting the MBS service reception comprises not initiating a connection access process.~~

~~23. The method according to claim 22, wherein not initiating the connection access process comprises: not sending an RRC message corresponding to an access request or not sending random access request information.~~

~~24~~12. The method according to any one of claims 1 to ~~23~~11, wherein determining whether to receive the MBS paging message based on the MBS paging message configuration information comprises:

not receiving the MBS paging message, in case that a radio resource control~~an~~ (RRC) connection state is a radio resource control connected state ~~(CONNECTED)~~, or a currently resident cell does not provide an MBS service, or a currently resident cell does not provide an MBS service that the terminal is interested in; or

receiving the MBS paging message, in case that ~~an~~ the RRC connection state is a radio resource control idle state ~~(IDLE)~~ or a radio resource control inactive state ~~(INACTIVE)~~, or a currently resident cell provides an MBS service, or the currently resident cell provides an MBS service that the terminal is interested in.

~~25~~13. A paging method, performed by a network device and comprising:

responding to sending multicast broadcast service (MBS) paging message configuration information; and

sending an MBS paging message based on the MBS paging message configuration information; wherein the MBS paging message carries MBS service information.

~~26~~14. The method according to claim ~~25~~13, wherein responding to sending the multicast broadcast service (MBS) paging message configuration information comprises:

responding to sending the MBS paging message configuration information specified in a protocol, or

responding to sending the MBS paging message configuration information configured.

~~27~~15. The method according to claim ~~26~~14, wherein responding to sending the MBS paging message configuration information configured comprises: responding to sending the MBS paging message configuration information configured via system information or MBS control channel information or a radio resource control (RRC) connection release message.

~~28~~16. The method according to any one of claims ~~25~~ 13 to ~~27~~15, wherein the MBS paging message configuration information comprises: a resource configuration of the MBS paging message; wherein the resource configuration of the MBS paging message comprises at least one of:

a control channel of the MBS paging message;

a time domain configuration of a data channel;

a frequency domain configuration of the data channel;

an identity of the MBS paging message;

a paging cycle of the MBS paging message;

a starting offset of the MBS paging message; or

an association between a downlink beam and a control channel resource of the MBS paging message or a data channel resource.

~~29. The method according to claim 28, wherein the downlink beam is marked by a synchronous signal block identity or a channel state information reference signal identity.~~

~~30. The method according to claim 28 or 29, wherein the association between the downlink beam and the control channel resource of the MBS paging message or the data channel resource comprises:~~

~~in each paging cycle of the MBS paging message, an association between the downlink beam and one or more control channel resources of the MBS paging message or one or more data channel resources.~~

~~31~~17. The method according to any one of claims ~~25~~ 13 to ~~30~~16, wherein the MBS paging message configuration information further comprises: an MBS service identity corresponding to the resource configuration of the MBS paging message, wherein the MBS service identity comprises: a temporary mobile group identity (TMGI) or an MBS session identity or an MBS service flow identity.

~~32~~18. The method according to any one of claims ~~25~~ 13 to ~~31~~17, wherein the MBS service information comprises: an MBS service identity or an MBS service label.

~~33. The method according to any one of claims 25 to 32, wherein the MBS paging message configuration information comprises: an MBS access control parameter;~~

~~wherein after sending the MBS paging message based on the MBS paging message configuration information, the method further comprises:~~

~~controlling a terminal to initiate a connection access process based on the MBS access control parameter.~~

~~34. The method according to claim 33, wherein controlling the terminal to initiate the connection access process comprises: controlling the terminal to provide indication information indicating that the MBS service needs to be received.~~

~~35. The method according to claim 33 or 34, wherein the MBS access control parameter comprises at least one of:~~

~~a specific access identity or access type corresponding to an MBS service;~~

~~an access randomization parameter of the MBS service; or~~

~~a duration configuration of an access prohibition, after determining that an access attempt is prohibited.~~

~~36. The method according to claim 35, wherein the access randomization parameter of the MBS service comprises: a random number interval for allowing access.~~

~~37. The method according to claim 35 or 36, wherein the duration configuration of the access prohibition comprises: a duration of an access prohibition timer or a randomization value scaling parameter of an access prohibition timer.~~

~~38. The method according to any one of claims 33 to 37, further comprising: controlling the terminal not to initiate the connection access process based on the MBS access control parameter;~~

~~wherein not initiating the connection access process comprises: not sending an RRC message corresponding to an access request or not sending random access request information.~~

~~39. A communication apparatus, comprising:~~

~~a transceiving module configured to respond to reception of multicast broadcast service (MBS) paging message configuration information; and~~

~~a processing module configured to determine whether to receive an MBS paging message based on the MBS paging message configuration information; wherein the MBS paging message carries MBS service information.~~

~~40. A communication apparatus, comprising:~~

~~a transceiving module configured to respond to sending multicast broadcast service (MBS) paging message configuration information; and~~

~~a processing module configured to send an MBS paging message based on the MBS paging message configuration information; wherein the MBS paging message carries MBS service information.~~

~~41~~19. A communication device, comprising:

a processor; and

a memory having stored therein a computer program,

wherein the processor executes the computer program stored in the memory, to cause the device to implement the method according to any one of claims 1 to ~~24~~18.

~~42. A communication device, comprising:~~

~~a processor; and~~

~~a memory having stored therein a computer program,~~

~~wherein the processor executes the computer program stored in the memory, to cause the device to implement the method according to any one of claims 25 to 38.~~

~~43. A communication device, comprising a processor and an interface circuit;~~

~~wherein the interface circuit is configured to receive code instructions and transmit the code instructions to the processor; and~~

~~the processor is configured to run the code instructions to implement the method according to any one of claims 1 to 24.~~

~~44. A communication device, comprising a processor and an interface circuit;~~

~~wherein the interface circuit is configured to receive code instructions and transmit the code instructions to the processor; and~~

~~the processor is configured to run the code instructions to implement the method according to any one of claims 25 to 38.~~

~~45~~20. A computer-readable storage medium having stored therein instructions that, when executed, cause the method according to any one of claims 1 to ~~24~~ 18 to be implemented.

~~46. A computer-readable storage medium having stored therein instructions that, when executed, cause the method according to any one of claims 25 to 38 to be implemented.~~