

CLAIMS

1. A method for determining a first triggering state, comprising:

receiving, by a terminal device, radio resource control (RRC) signalling for configuring a CSI-SemiPersistentOnPUSCH-TriggerStateList from a network device, wherein the RRC signalling comprises configuration information of at least one triggering state;

receiving, by the terminal device, downlink control information (DCI) from the network device, wherein the DCI comprises a channel state information (CSI) request field; and

determining, by the terminal device, based on one of codepoints of the CSI request field, the first triggering state at a target position in the RRC signaling,

wherein a position of each of the at least one triggering state in the RRC signalling corresponds to a respective one of the codepoints of the CSI request field, a starting one of the codepoints of the CSI request field is 0, and the codepoints of the CSI request field correspond in an ascending order to the at least one triggering state from a first position to a last position for the at least one triggering state in the RRC signalling.

2. A terminal device, comprising:

a first receiving unit, configured to receive radio resource control (RRC) signalling for configuring a CSI-SemiPersistentOnPUSCH-TriggerStateList from a network device, wherein the RRC signalling comprises configuration information of at least one triggering state;

a second receiving unit, configured to receive downlink control information (DCI) from the network device, wherein the DCI comprises a channel state information (CSI) request field; and

a determination unit, configured to determine, based on one of codepoints of the CSI request field, a first triggering state at a target position in the RRC signaling,

wherein a position of each of the at least one triggering state in the RRC signalling corresponds to a respective one of the codepoints of the CSI request field, a starting one of the codepoints of the CSI request field is 0, and the codepoints of the CSI request field correspond in an ascending order to the at least one triggering state from a first position to a last position for the at least one triggering state in the RRC signalling.

3. A method for determining a first triggering state, characterized by comprising:

generating and sending, by a network device, radio resource control (RRC) signalling for configuring a CSI-SemiPersistentOnPUSCH-TriggerStateList to a terminal, wherein the RRC signalling comprises configuration information of at least one triggering state; and

generating and sending, by the network device, downlink control information (DCI) to the terminal, wherein the DCI comprises a channel state information (CSI) request field,

wherein one of codepoints of the CSI request field is used for the terminal device to determine the first triggering state at a target position in the RRC signalling, and

wherein a position of each of the at least one triggering state in the RRC signalling corresponds to a respective one of the codepoints of the CSI request field, a starting one of the codepoints of the CSI request field is 0, and the codepoints of the CSI request field correspond in an ascending order to the at least one triggering state from a first position to a last position for the at least one triggering state in the RRC signalling.

4. A network device, characterized by comprising:

a first sending unit, configured to generate and send radio resource control (RRC) signalling for configuring a CSI-SemiPersistentOnPUSCH-TriggerStateList to a terminal, wherein the RRC signalling comprises configuration information of at least one triggering state; and

a second sending unit, configured to generate and send downlink control

information (DCI) to the terminal, wherein the DCI comprises a channel state information (CSI) request field,

wherein one of codepoints of the CSI request field is used for the terminal device to determine a first triggering state at a target position in the RRC signalling, and

wherein a position of each of the at least one triggering state in the RRC signalling corresponds to a respective one of the codepoints of the CSI request field, a starting one of the codepoints of the CSI request field is 0, and the codepoints of the CSI request field correspond in an ascending order to the at least one triggering state from a first position to a last position for the at least one triggering state in the RRC signalling.