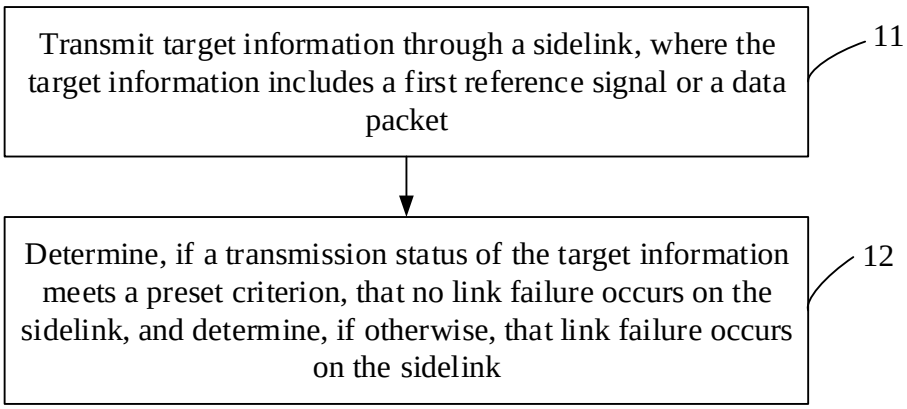
Transmit target information through a sidelink, where the target information includes a first reference signal or a data packet
11
Determine, if a transmission status of the target information meets a preset criterion, that no link failure occurs on the sidelink, and determine, if otherwise, that link failure occurs on the sidelink
12

FIG. 1

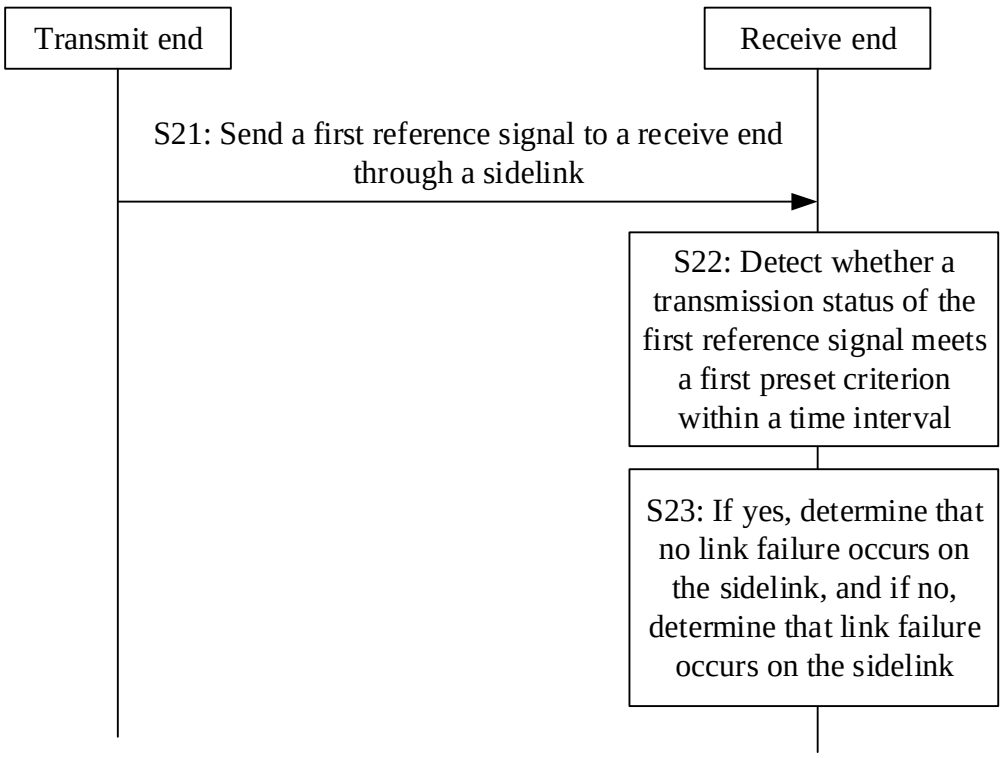
Transmit end
Receive end
S21: Send a first reference signal to a receive end through a sidelink
S22: Detect whether a transmission status of the first reference signal meets a first preset criterion within a time interval
S23: If yes, determine that no link failure occurs on the sidelink, and if no, determine that link failure occurs on the sidelink

FIG. 2

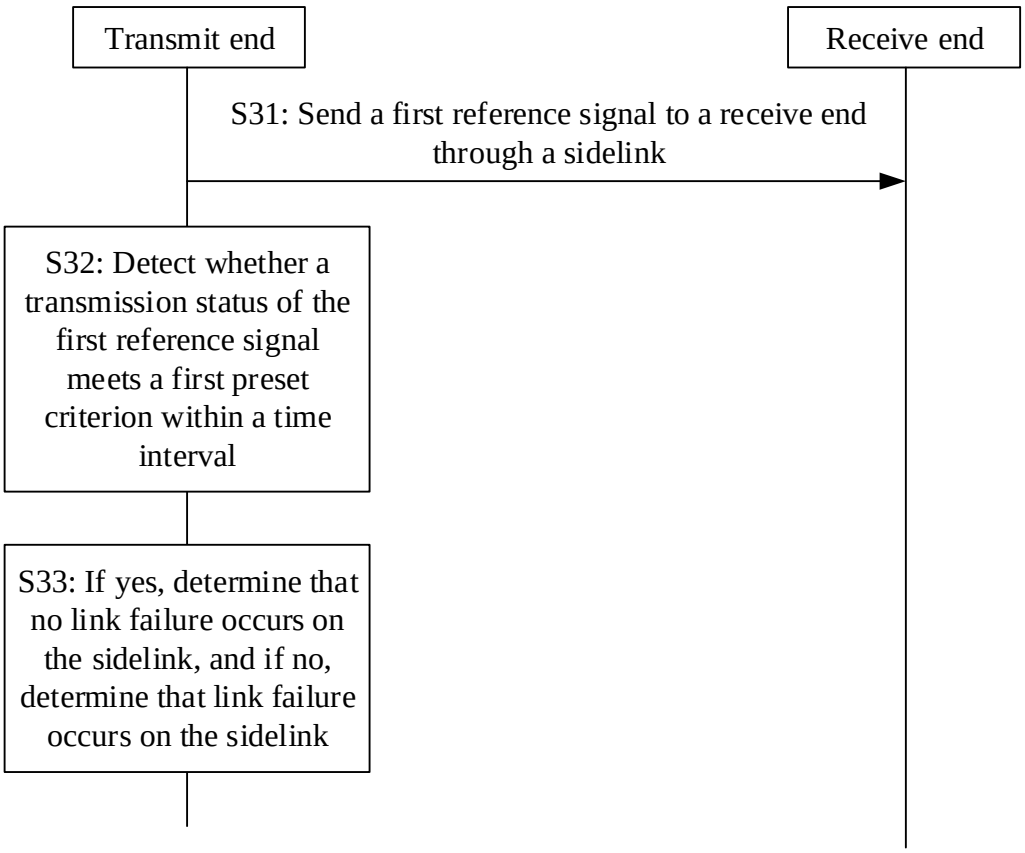
Transmit end
Receive end
S31: Send a first reference signal to a receive end through a sidelink
S32: Detect whether a transmission status of the first reference signal meets a first preset criterion within a time interval
S33: If yes, determine that no link failure occurs on the sidelink, and if no, determine that link failure occurs on the sidelink

FIG. 3

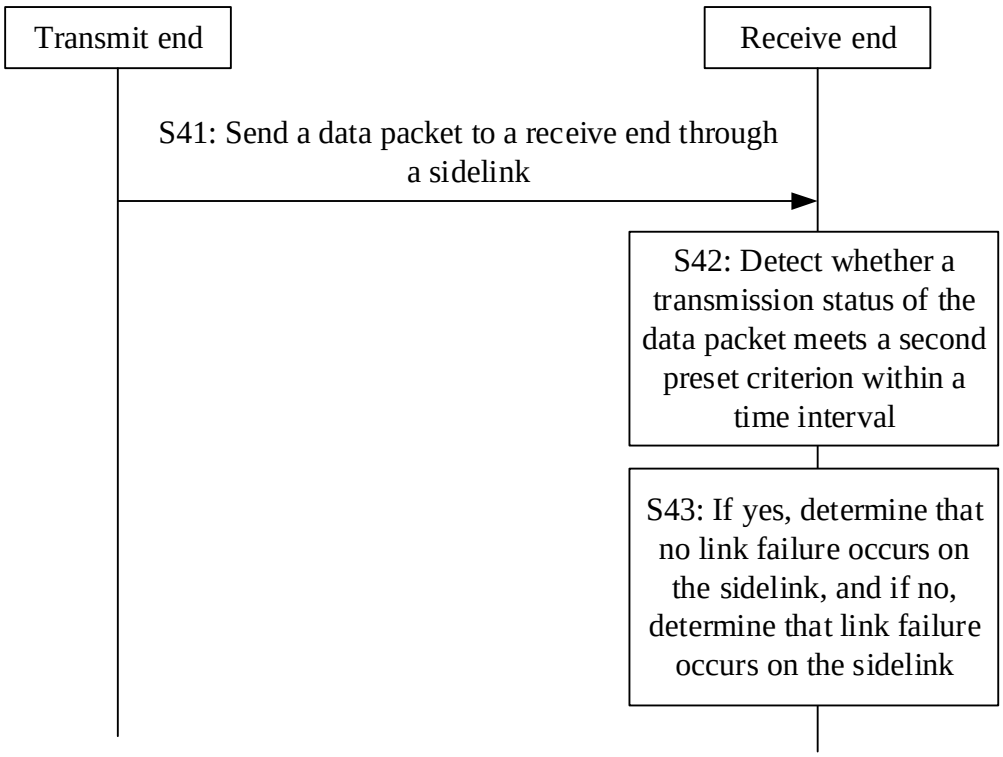
Transmit end
Receive end
S41: Send a data packet to a receive end through a sidelink
S42: Detect whether a transmission status of the data packet meets a second preset criterion within a time interval
S43: If yes, determine that no link failure occurs on the sidelink, and if no, determine that link failure occurs on the sidelink

FIG. 4

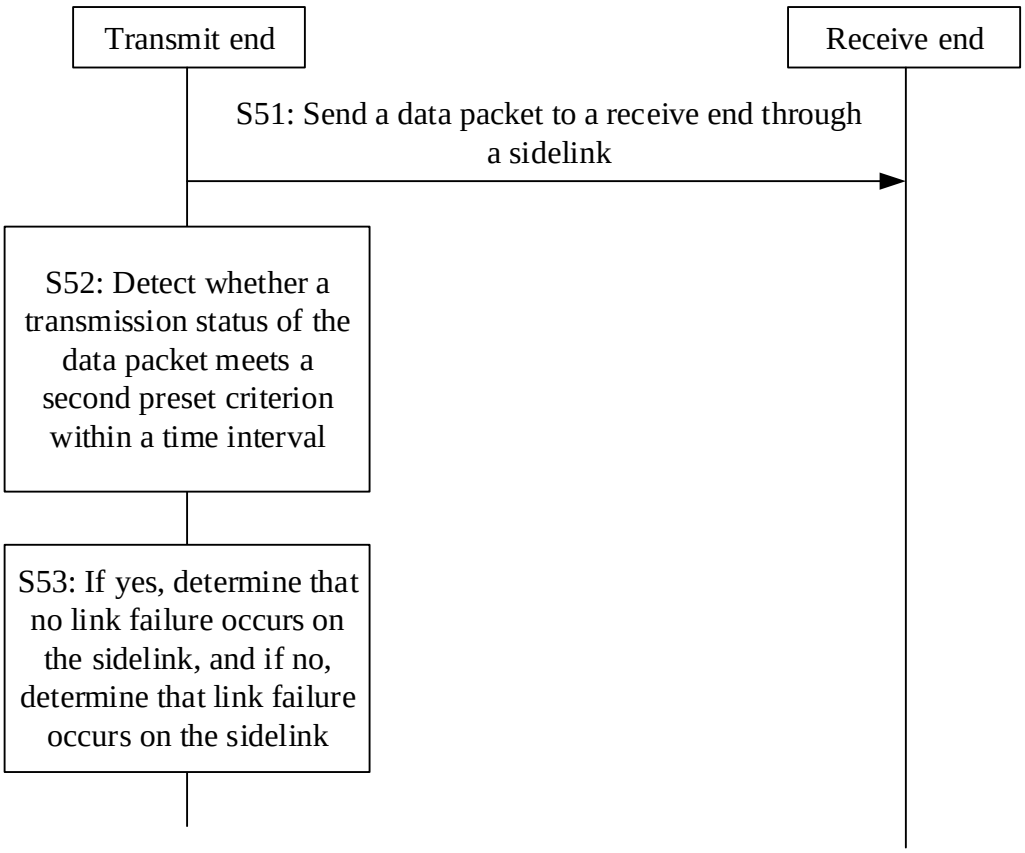
Transmit end
Receive end
S51: Send a data packet to a receive end through a sidelink
S52: Detect whether a transmission status of the data packet meets a second preset criterion within a time interval
S53: If yes, determine that no link failure occurs on the sidelink, and if no, determine that link failure occurs on the sidelink

FIG. 5

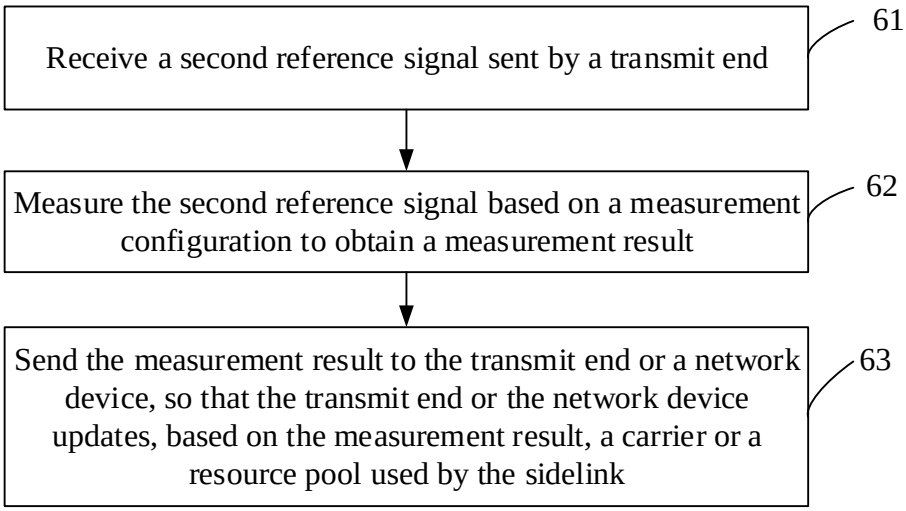
Receive a second reference signal sent by a transmit end
61
Measure the second reference signal based on a measurement configuration to obtain a measurement result
62
Send the measurement result to the transmit end or a network device, so that the transmit end or the network device updates, based on the measurement result, a carrier or a resource pool used by the sidelink
63

FIG. 6

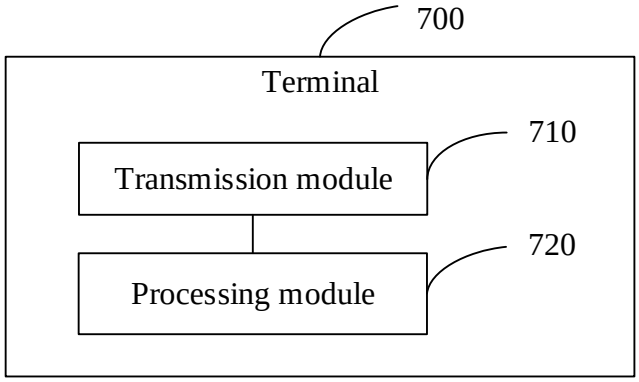
700
Terminal
710
Transmission module
720
Processing module

FIG. 7

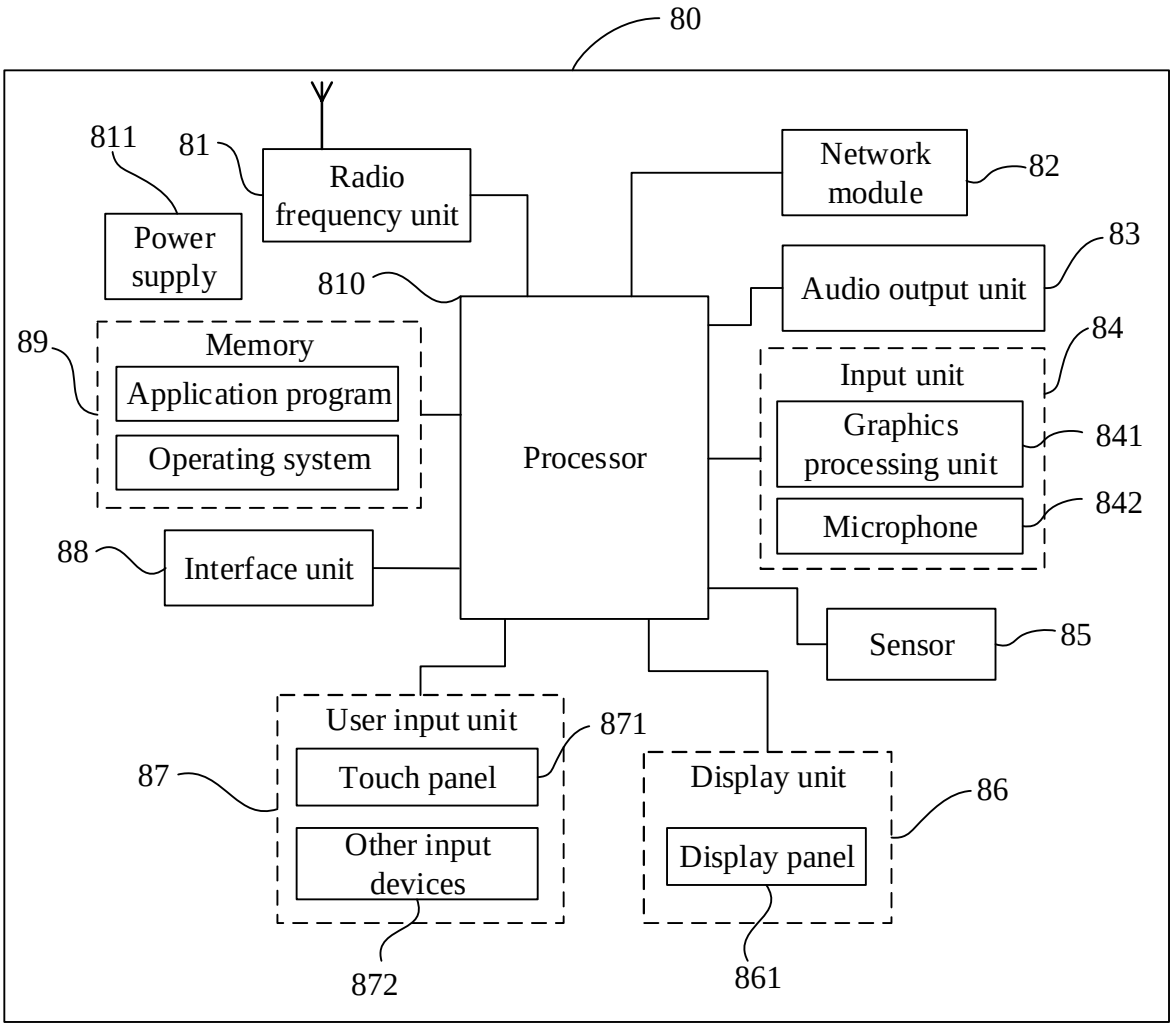
80
811
81
Radio frequency unit
Power supply
Network module
82
83
Audio output unit
810
89
Memory
Application program
Operating system
Processor
84
Input unit
Graphics processing unit
841
Microphone
842
88
Interface unit
Sensor
85
User input unit
871
87
Touch panel
Other input devices
872
Display unit
86
Display panel
861

FIG. 8