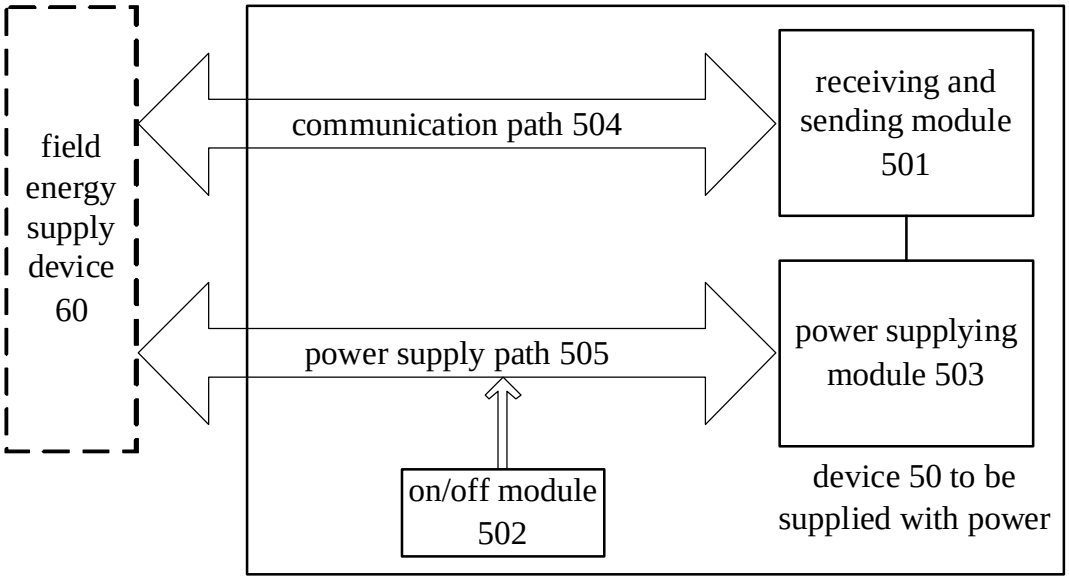

Fig. 5

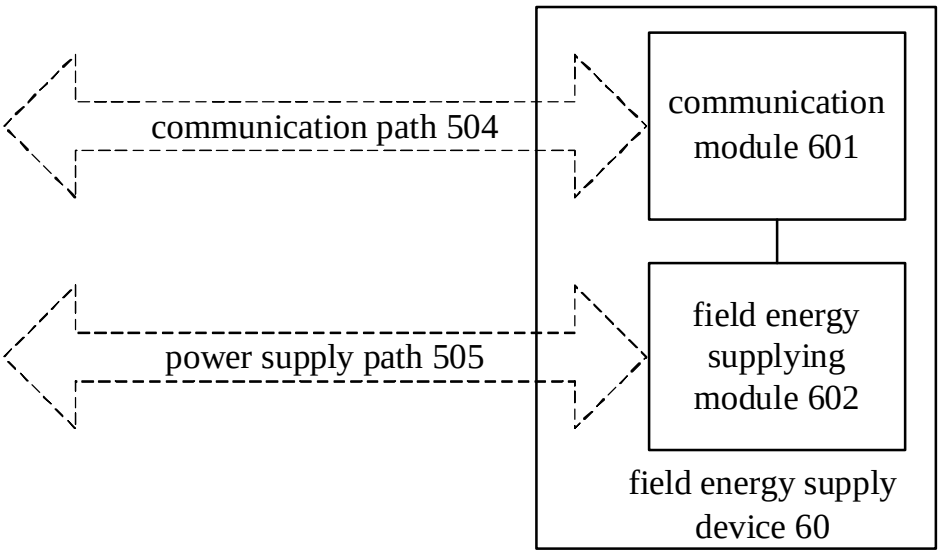

Fig. 6

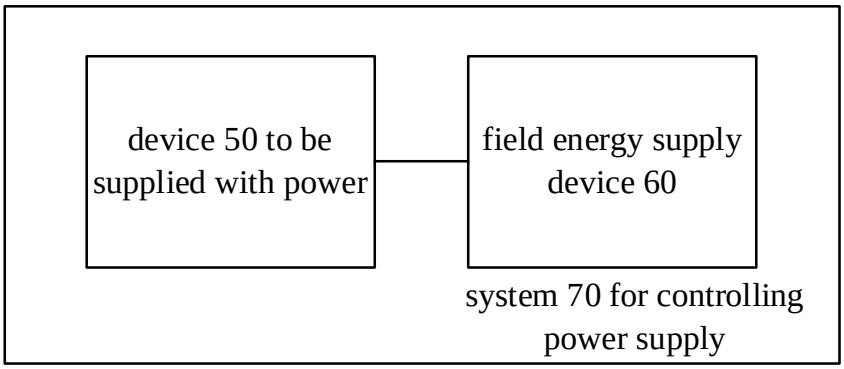

Fig. 7

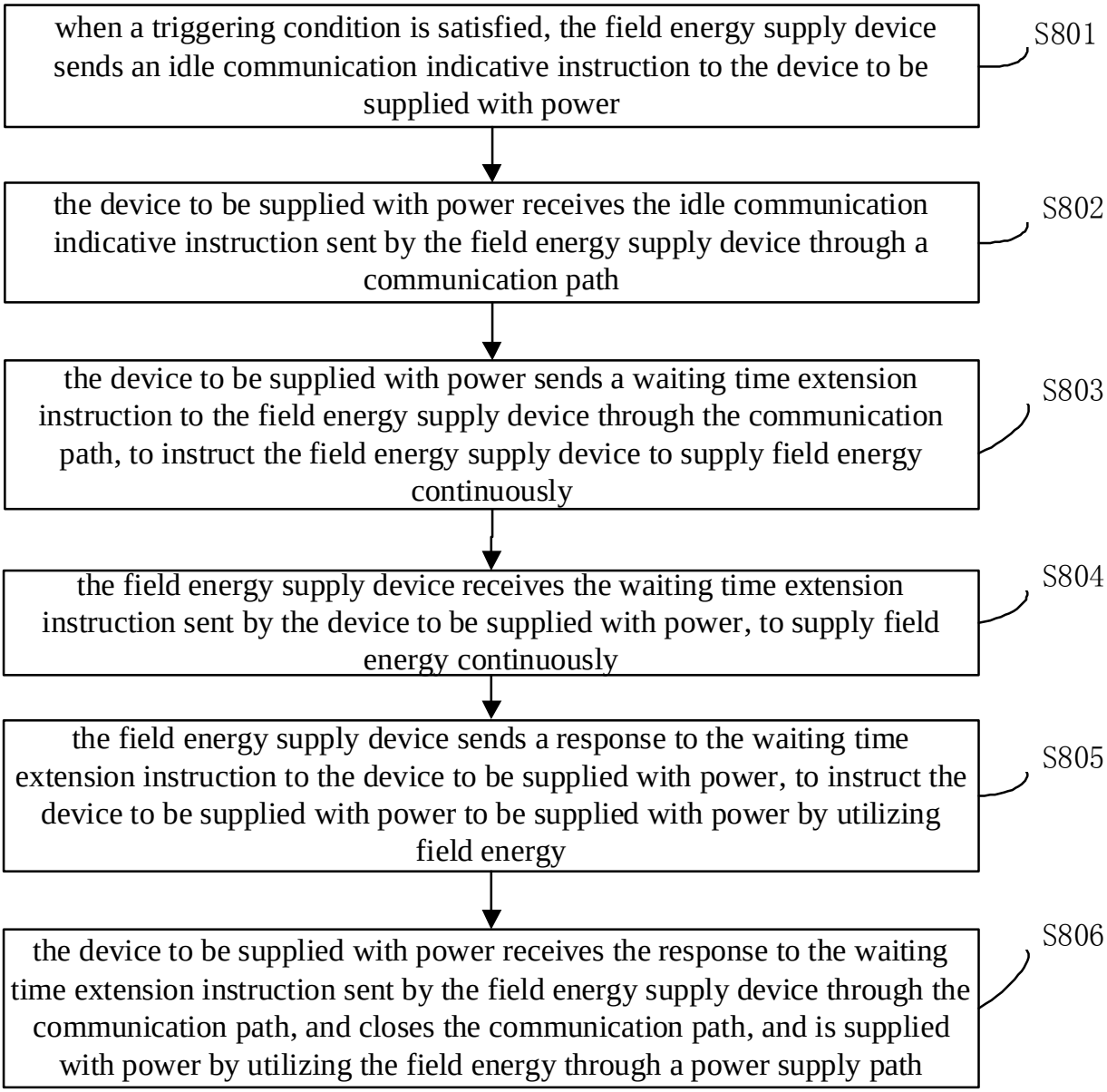
when a triggering condition is satisfied, the field energy supply device sends an idle communication indicative instruction to the device to be supplied with power
S801
the device to be supplied with power receives the idle communication indicative instruction sent by the field energy supply device through a communication path
S802
the device to be supplied with power sends a waiting time extension instruction to the field energy supply device through the communication path, to instruct the field energy supply device to supply field energy continuously
S803
the field energy supply device receives the waiting time extension instruction sent by the device to be supplied with power, to supply field energy continuously
S804
the field energy supply device sends a response to the waiting time extension instruction to the device to be supplied with power, to instruct the device to be supplied with power to be supplied with power by utilizing field energy
S805
the device to be supplied with power receives the response to the waiting time extension instruction sent by the field energy supply device through the communication path, and closes the communication path, and is supplied with power by utilizing the field energy through a power supply path
S806

Fig. 8

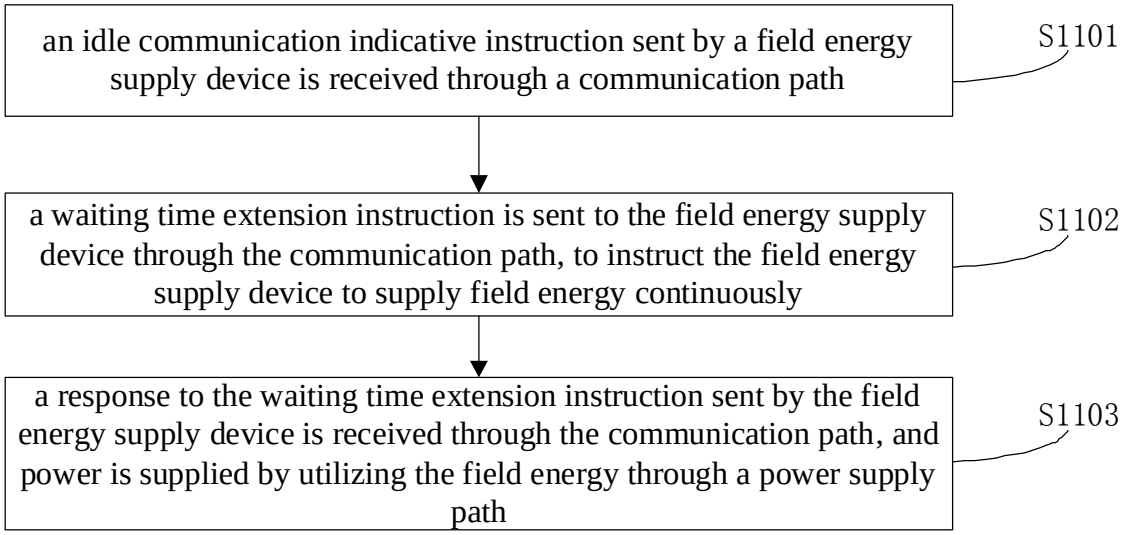

Fig. 11

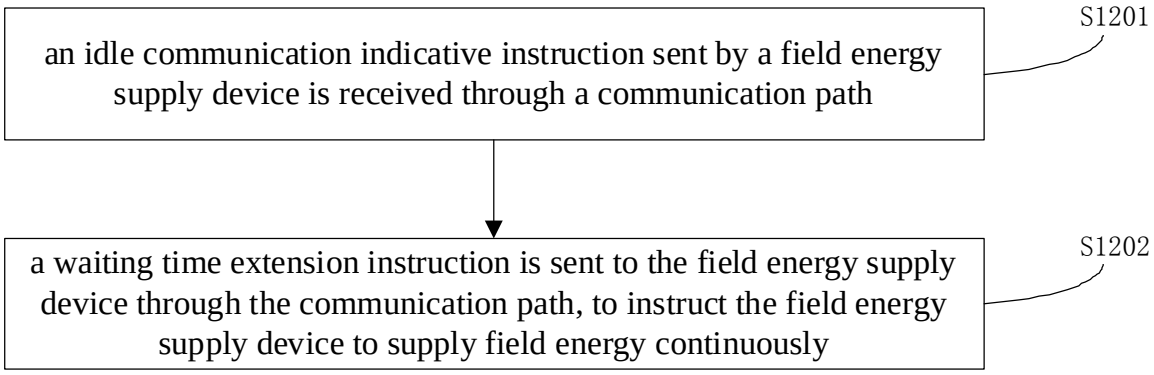

Fig. 12

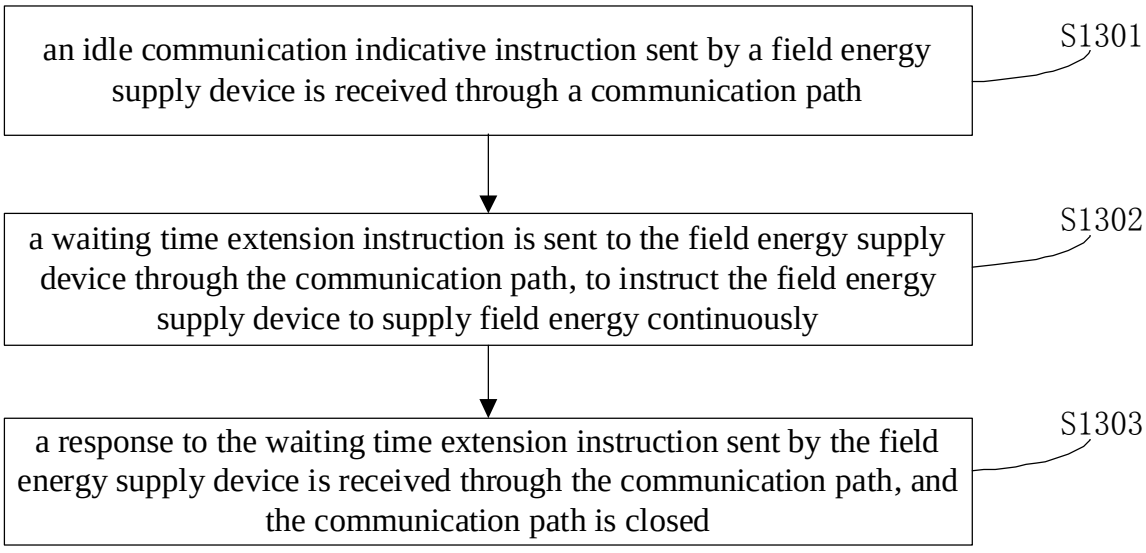

Fig. 13

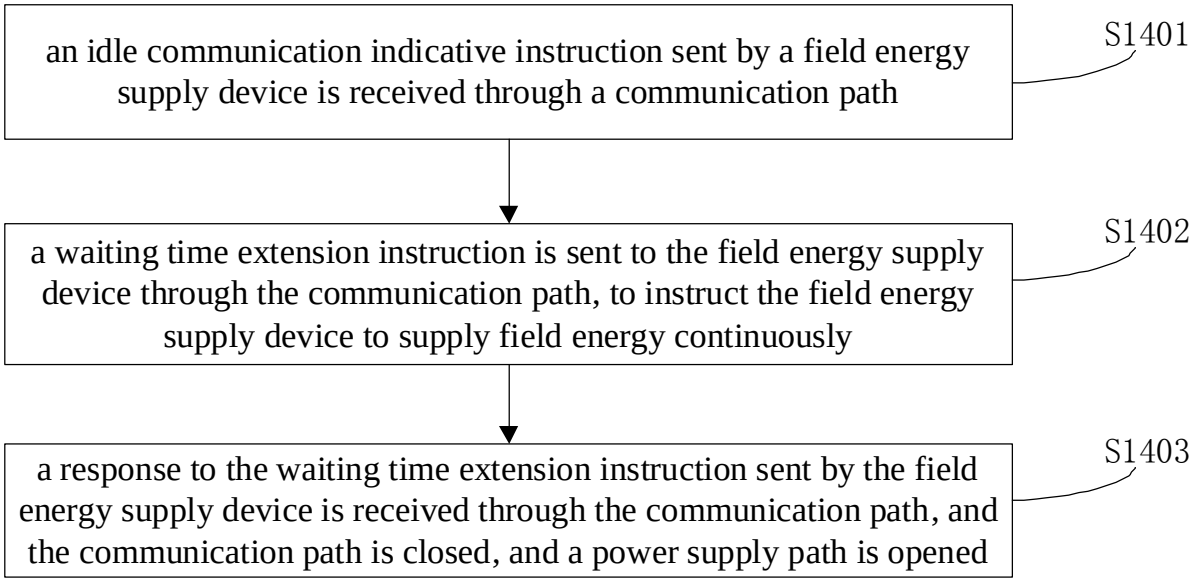
an idle communication indicative instruction sent by a field energy supply device is received through a communication path
S1401
a waiting time extension instruction is sent to the field energy supply device through the communication path, to instruct the field energy supply device to supply field energy continuously
S1402
a response to the waiting time extension instruction sent by the field energy supply device is received through the communication path, and the communication path is closed, and a power supply path is opened
S1403

Fig. 14

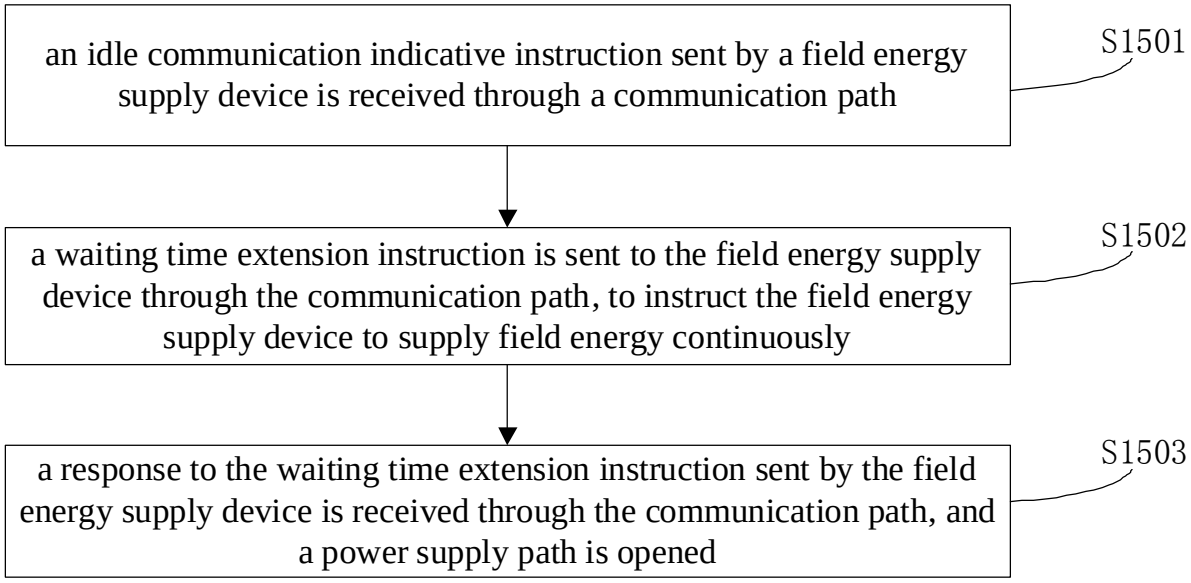
an idle communication indicative instruction sent by a field energy supply device is received through a communication path
S1501
a waiting time extension instruction is sent to the field energy supply device through the communication path, to instruct the field energy supply device to supply field energy continuously
S1502
a response to the waiting time extension instruction sent by the field energy supply device is received through the communication path, and a power supply path is opened
S1503

Fig. 15