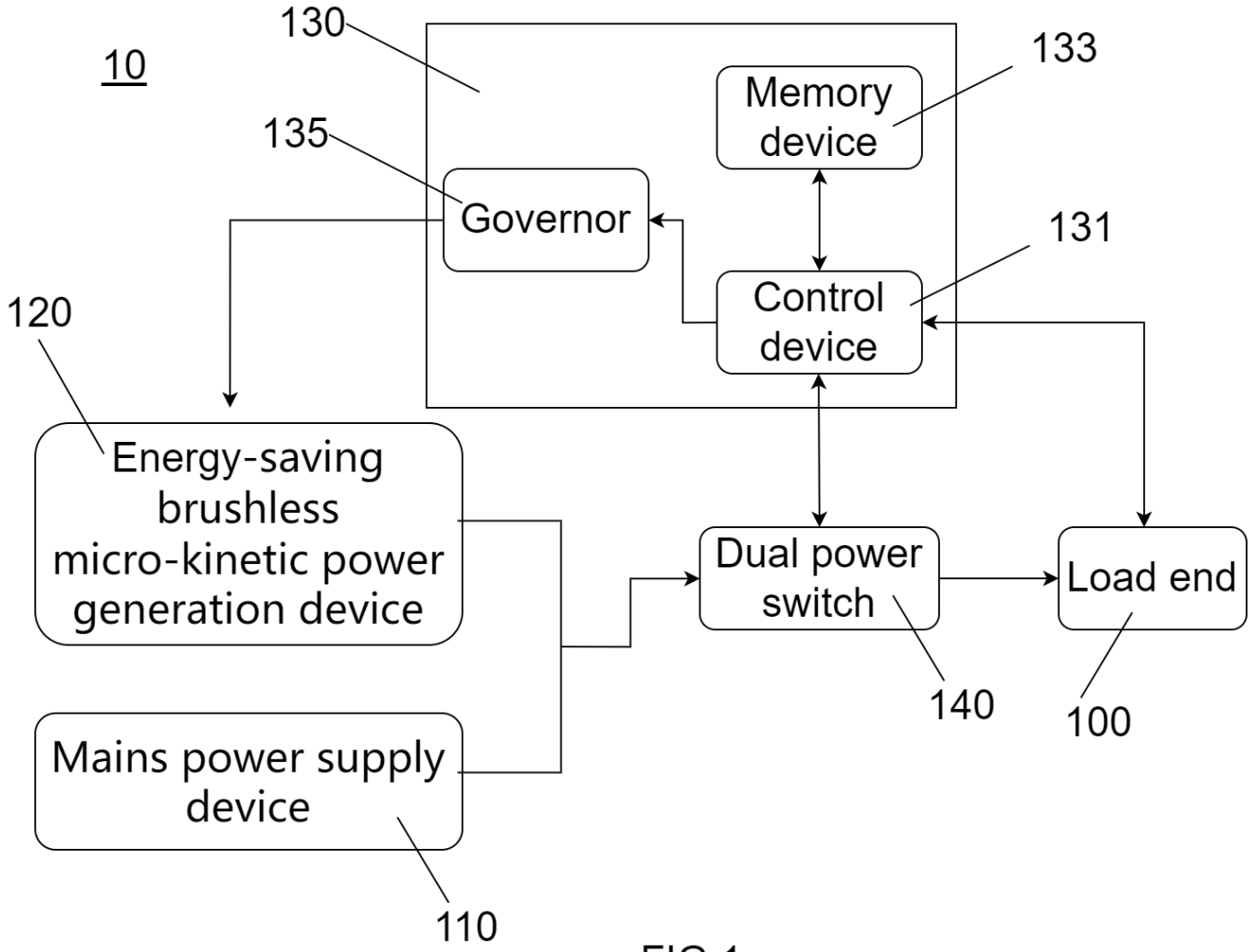

10
130
133
Memory device
135
Governor
131
Control device
120
Energy-saving brushless micro-kinetic power generation device
Dual power switch
Load end
140
100
Mains power supply device
110

FIG.1

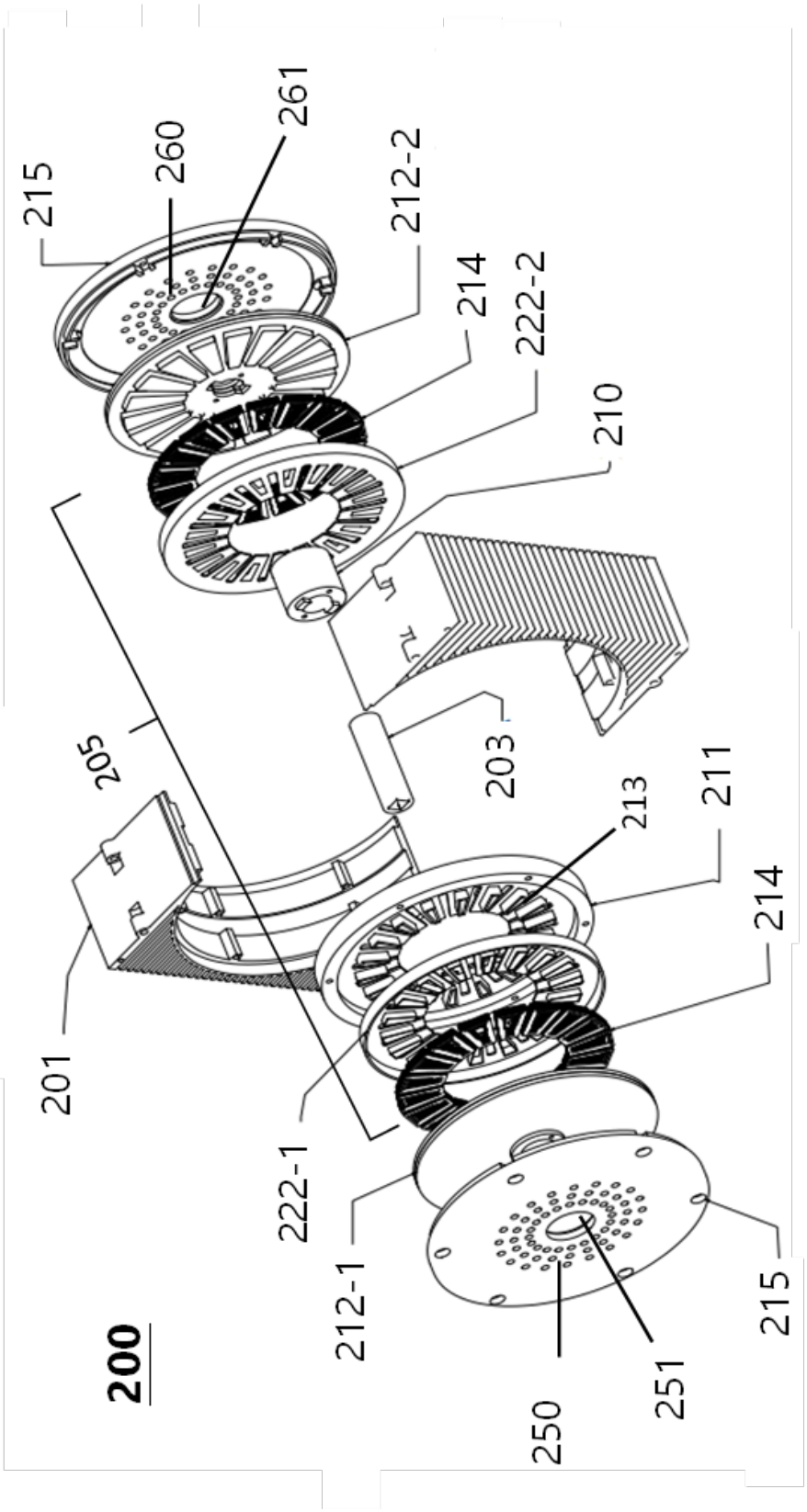

200
201
205
203
210
211
212-1
212-2
213
214
214
215
215
222-1
222-2
250
251
260
261

FIG.2

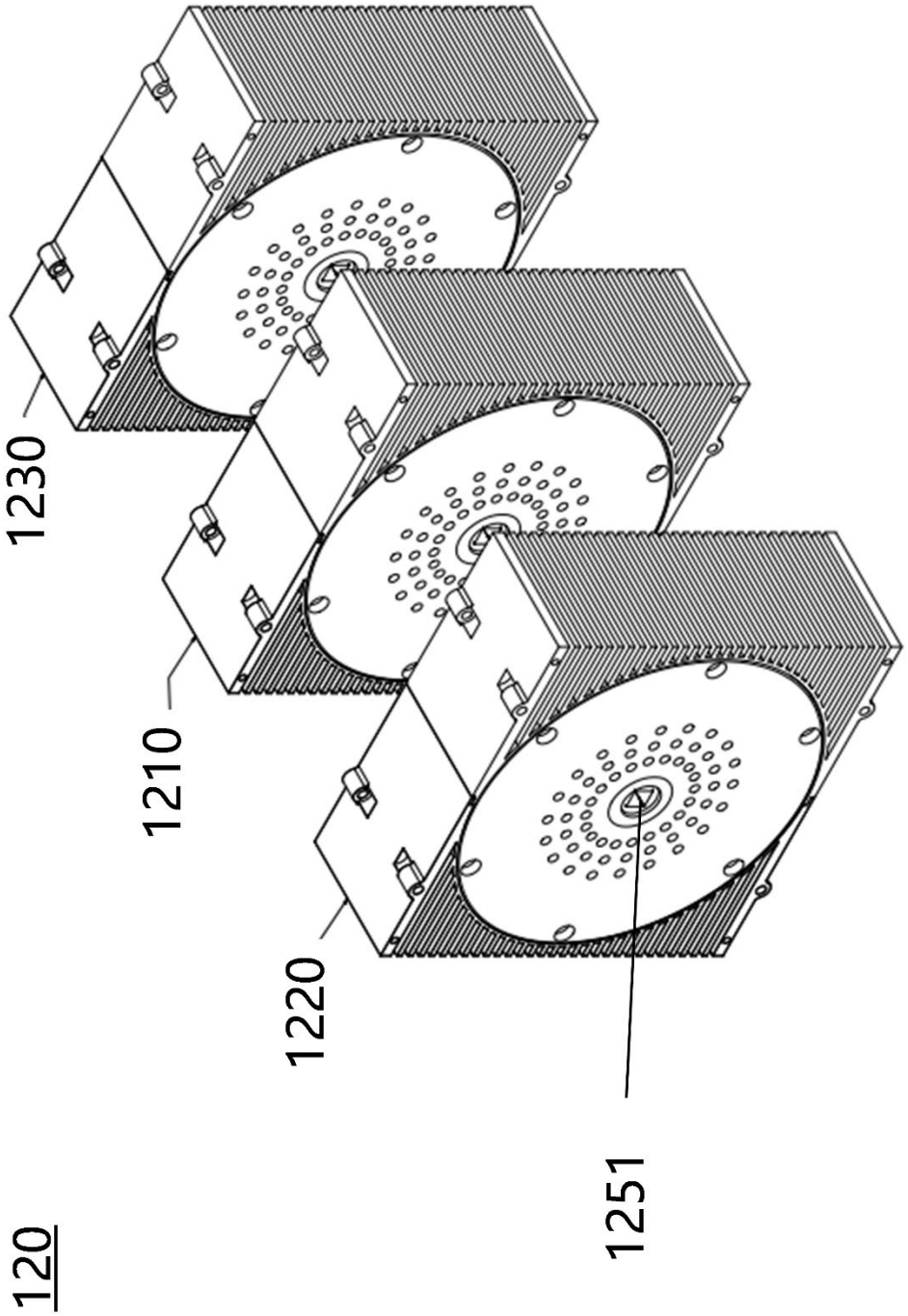


FIG.3

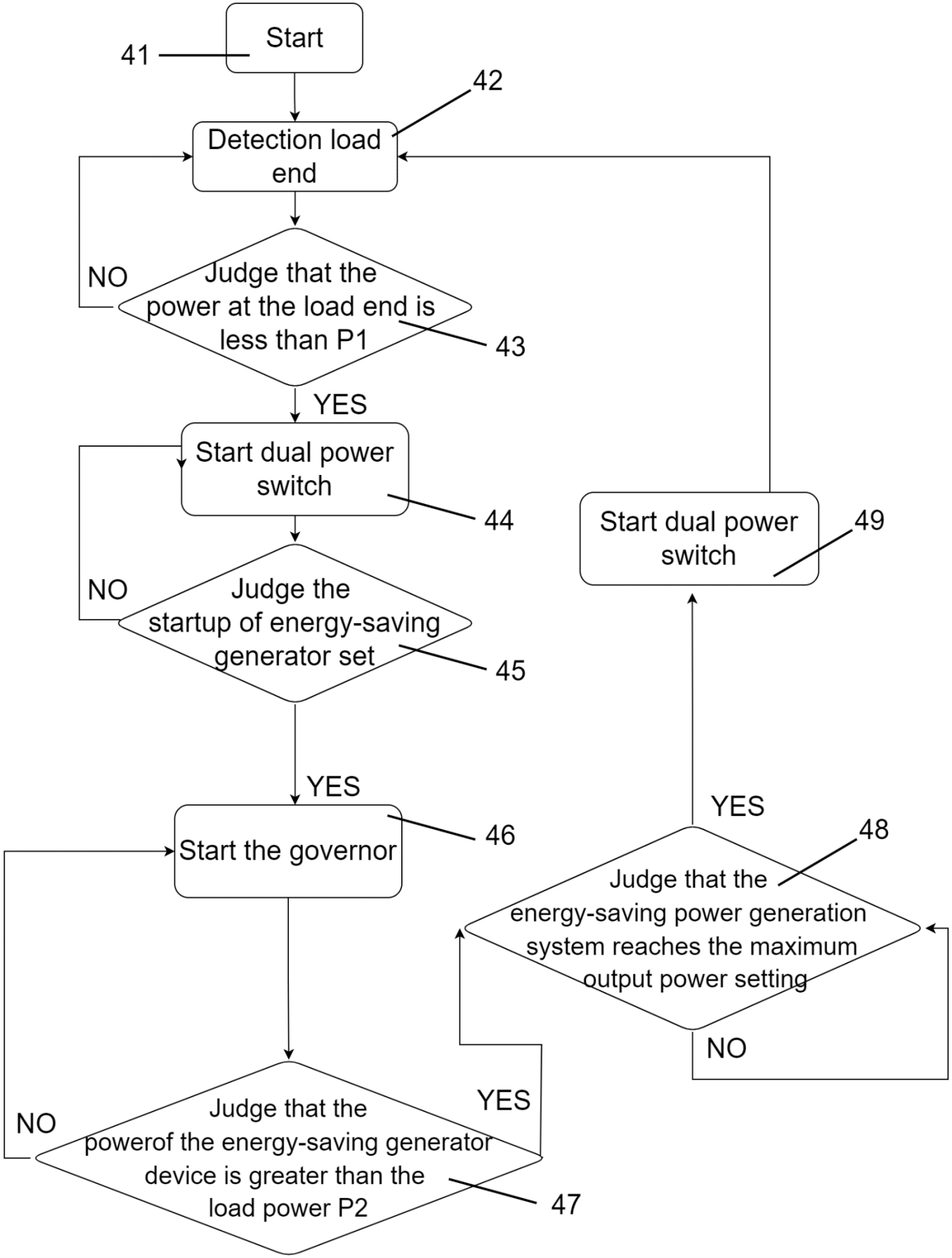

Start
41
42
Detection load end
NO
Judge that the power at the load end is less than P1
43
YES
Start dual power switch
44
NO
Judge the startup of energy-saving generator set
45
YES
Start the governor
46
Judge that the powerof the energy-saving generator device is greater than the load power P2
47
NO
YES
Start dual power switch
49
YES
Judge that the energy-saving power generation system reaches the maximum output power setting
48
NO

FIG.4

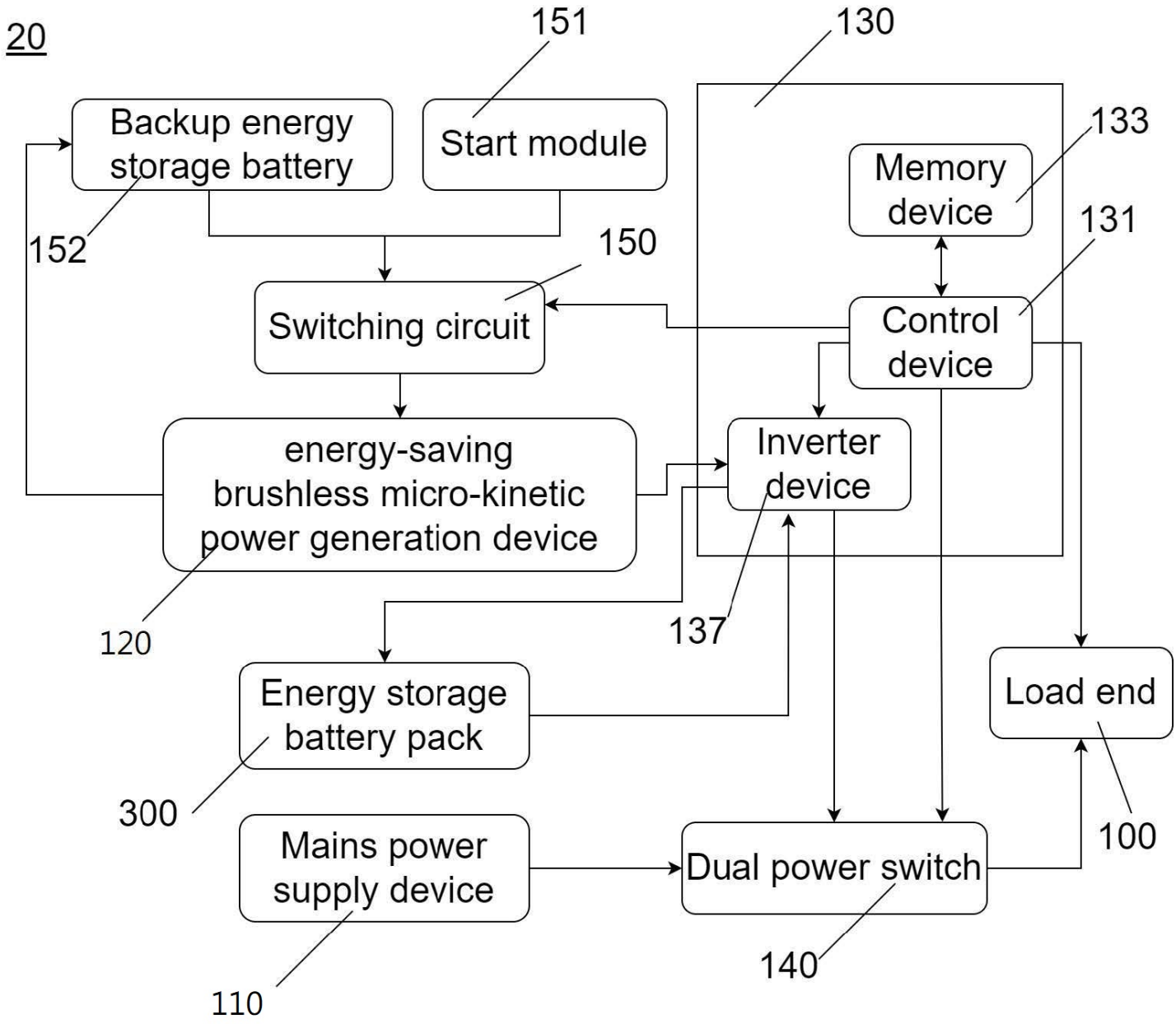

20
151
130
Backup energy storage battery
Start module
133
Memory device
131
152
150
Switching circuit
Control device
energy-saving brushless micro-kinetic power generation device
Inverter device
120
137
Energy storage battery pack
Load end
300
100
Mains power supply device
Dual power switch
140
110

FIG.5

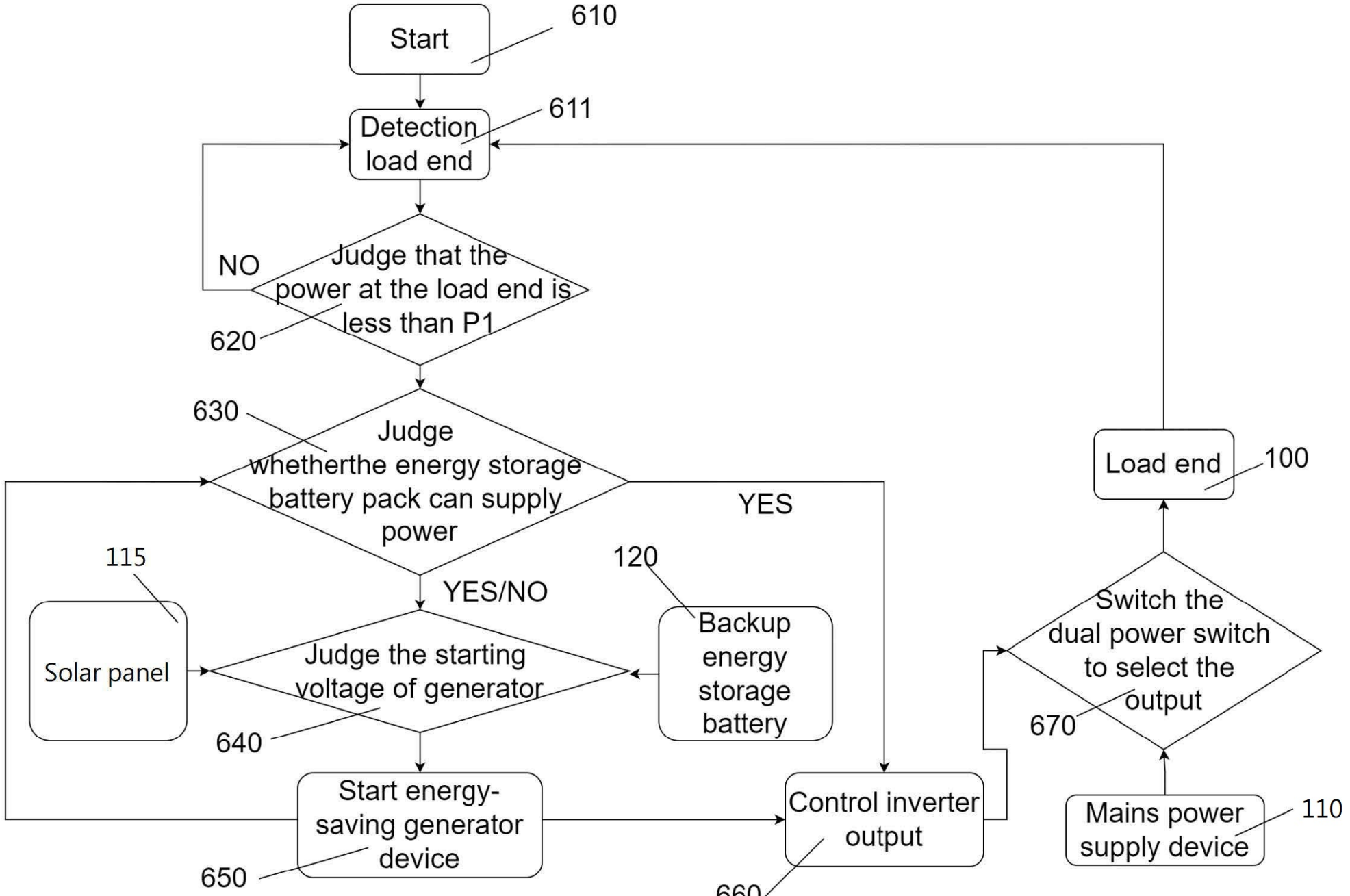

Start
610
Detection load end
611
NO
Judge that the power at the load end is less than P1
620
630
Judge whetherthe energy storage battery pack can supply power
YES
YES/NO
115
Solar panel
120
Backup energy storage battery
Judge the starting voltage of generator
640
Start energy-saving generator device
650
Control inverter output
660
Switch the dual power switch to select the output
670
Load end
100
Mains power supply device
110

FIG.6