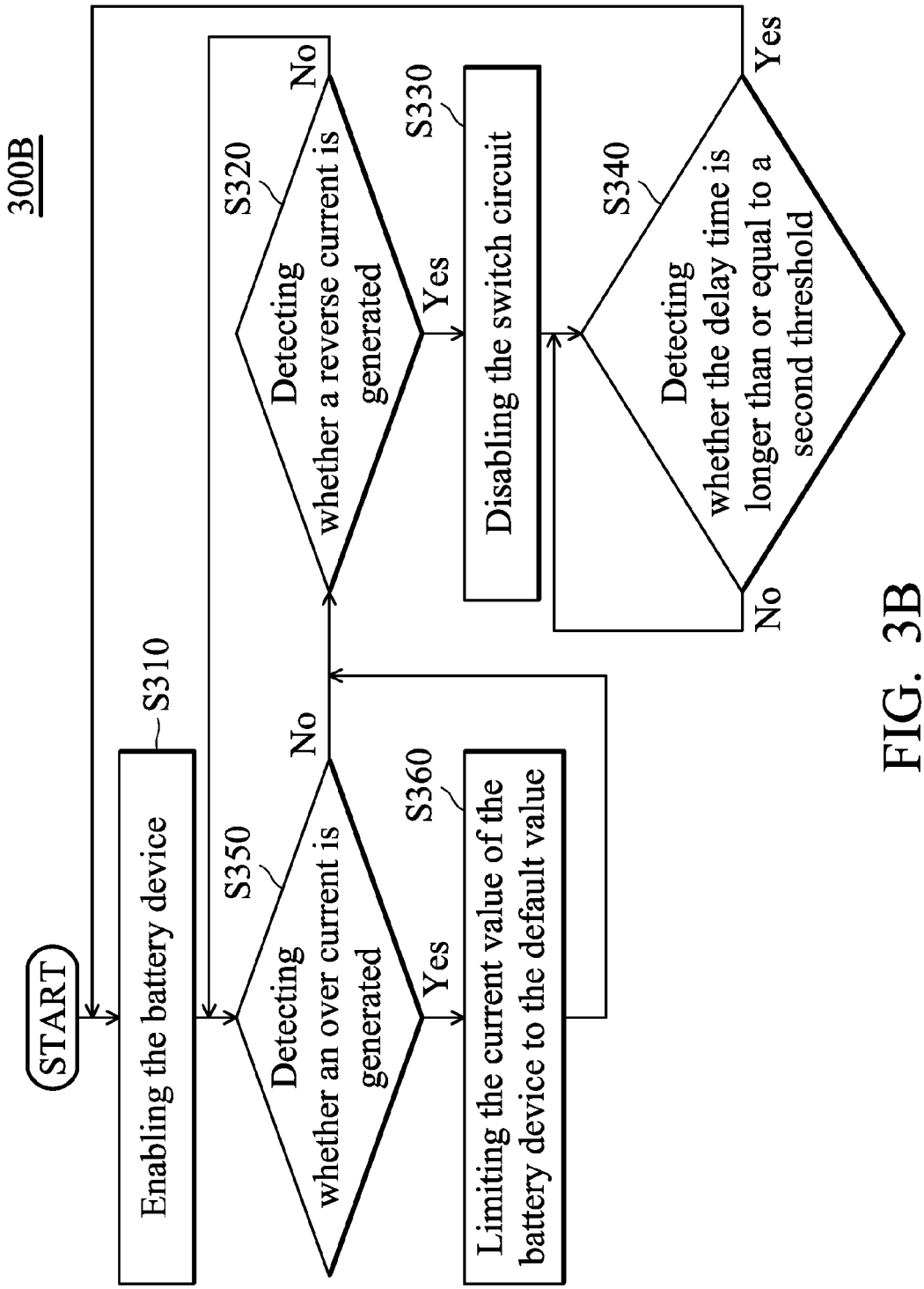
300B
START
Enabling the battery device
S310
Detecting whether an over current is generated
S350
Yes
No
Limiting the current value of the battery device to the default value
S360
Detecting whether a reverse current is generated
S320
Yes
No
Disabling the switch circuit
S330
Detecting whether the delay time is longer than or equal to a second threshold
S340
No
Yes

FIG. 3B