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(54) BOOTSTRAP CIRCUIT SUPPORTING FAST CHARGING AND DISCHARGING AND CHIP

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ABSTRACT (57)

A bootstrap circuit supporting fast charging and discharging and a chip. A voltage measurement module (12) and a switch module (11) are arranged, and the voltage measurement module (12) controls an operating state of the switch module (11); during charging, under a specific condition, the switch module (11) is enabled to be in an on state so as to achieve fast charging of a voltage output end; and during discharging, the purpose of fast discharging is achieved by means of a second field effect transistor (MP5) arranged in the bootstrap circuit.

