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ZHU et al.(10) **Pub. No.: US 2023/0232512 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **CONTROL CIRCUIT, CONTROL METHOD
AND LIGHTING DEVICE COMPATIBLE
WITH DIMMER/SWITCH****Publication Classification**

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(57) **ABSTRACT**

Provided is a control circuit, a control method and a lighting device compatible with a dimmer/switch. The dimmer/switch is connectable to a power supply input end of a light emitting module, and the control circuit includes a charging assistance module for assisting in charging of the dimmer/switch, that includes a first switch and a first resistor having a resistance value lower than a predetermined resistance value, so that when the first switch is turned on, an overall resistance value of the first resistor and the light emitting module is lower than the predetermined resistance value; and a charging control module, includes a constant voltage source and a second switch for controlling a voltage of a first control end of the first switch, so the first switch is turned on when an input voltage of the power supply input end is between 0 and a first predetermined voltage.

