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(54) SEMICONDUCTOR DEVICE, ELECTRONIC APPARATUS AND VEHICLE

(71) Applicant: ROHM CO., LTD., KYOTO (JP)

(72) Inventor: **Tetsuo YAMATO**, KYOTO (JP)

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ABSTRACT (57)

The present disclosure provides a semiconductor device. The semiconductor device includes: a first terminal; a second terminal; and at least one first switch element and at least one second switch element, configured to be connected between the first terminal and the second terminal; an overcurrent detection circuit, configured to detect an overcurrent flowing through the first terminal; and an off circuit, configured to turn off at least a portion of the at least one second switch element when the semiconductor device is started.

