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(54) ELECTRONIC PROTECTION DEVICE FOR AN ELECTRICAL LOAD, POWER SUPPLY SYSTEM FOR AN ELECTRICAL LOAD AND METHOD FOR CONTROLLING SUCH A DEVICE

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being from among first and second off states. The electronic protection device further includes: a current sensor; a control module connected to the current sensor and controlling the arrangement of transistors into its second off state if an intensity measured by the current sensor is above a first threshold; and a voltage sensor connected to the control module. The control module controls the arrangement of transistors into its on state if the voltage is above a voltage

An electronic protection device for a load includes an

arrangement of transistors in series with the load, that can be controlled into a state out of on and off states, an off state

threshold and into its first off state if the intensity is below a second threshold.



(52) U.S. Cl.

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## (57)ABSTRACT

