

Title (en)

METHOD FOR DETECTING AN OPEN LOAD

Title (de)

VERFAHREN ZUR DETEKTION EINER OFFENEN LADUNG

Title (fr)

PROCEDE DE DETECTION DE CHARGE OUVERTE

Publication

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Application

EP 16798629 A 20161118

Priority

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Abstract (en)

[origin: WO2017092846A1] The present invention relates, in summary, to a method which makes it possible to diagnose an open load or a load actually present in a system including a resistive or inductive load controlled by a control transistor. The method according to the invention provides for measuring the intensity of the current in the branch made up of the closed control transistor and the load and then, consecutively, comparing same with a positive threshold, comparing same with a negative threshold and finally comparing the positive or negative variation thereof over a time period Δt , relative to a reference gradient in order to determine whether a load is actually present or if, conversely, there is an open-load state. The present invention is provided in particular for being used in the field of motor vehicles, in order to allow reliable diagnoses of the possible existence of an open-load state.

IPC 8 full level

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