

Title (en)

LED driver circuit for an automobile hand brake warning light with open- and short-circuit fault detection

Title (de)

LED-Treiberschaltung für einen Automobilhandbremswarnleuchte mit Leerlauf- und Kurzschluss-Fehlererkennung

Title (fr)

Circuit de pilote de LED pour un témoin de frein de l'automobile avec détection d'ouverture et de court-circuit défaut

Publication

EP 2816873 B1 20171122 (EN)

Application

EP 13173274 A 20130621

Priority

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Abstract (en)

[origin: EP2816873A1] A driver circuit (1) for at least one electronic component (3) driven by an electrical current generated by a corresponding main current source (6) of the driver circuit (1), said driver circuit (1) comprising a diagnostic circuit adapted to detect fault conditions of said current driven electronic component (3) in an on state of said main current source (6) and in an off state of said main current source. Specifically the at least one electronic component (3) is an LED and indicates the status of a vehicle hand brake.

IPC 8 full level

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CPC (source: EP US)

H05B 45/10 (2020.01 - EP US); **H05B 45/50** (2020.01 - EP US); **H05B 45/58** (2020.01 - EP US); **H05B 45/59** (2022.01 - EP US)

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DOCDB simple family (publication)

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