

Title (en)

ELECTRONIC DEVICE, METHOD FOR CONTROLLING A LIGHTING DEVICE AND AUTOMOTIVE LIGHTING DEVICE

Title (de)

ELEKTRONISCHE VORRICHTUNG, VERFAHREN ZUR STEUERUNG EINER BELEUCHTUNGSVORRICHTUNG UND AUTOMOBILBELEUCHTUNGSVORRICHTUNG

Title (fr)

DISPOSITIF ÉLECTRONIQUE, PROCÉDÉ DE COMMANDE D'UN DISPOSITIF D'ÉCLAIRAGE ET DISPOSITIF D'ÉCLAIRAGE AUTOMOBILE

Publication

EP 3606289 B1 20210915 (EN)

Application

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Priority

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Abstract (en)

[origin: EP3606289A1] The present invention refers to an electronic device (1) comprising a controlling unit (2, 3) configured to feed some light sources (6) when a lighting functionality is active and not to feed the light sources when the lighting function is inactive. This electronic device (1) also comprises a diagnosis unit (4) and a storage unit (5), the diagnosis unit (4) being adapted to sense a failure of any of the light sources (6) when the light function is active and to emit a failure alert intended to be received by the storage unit (5) if a failure is sensed in any of the light sources (6). The storage unit (5) is able to keep this failure status for a lapse of time even without being powered. The controlling unit (2, 3) is adapted to read the failure status stored in the storage unit (5) to control the lighting device (10), and is also adapted to feed the light sources in at least two different modes, the mode depending at least on the failure status read from the storage unit. This invention also provides a method for controlling a lighting device by such an electronic device (1) and an automotive lighting device comprising this electronic device (1).

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