

Title (en)

METHOD AND ARRANGEMENT FOR OPERATING A LIGHTING DIODE

Title (de)

VERFAHREN UND ANORDNUNG ZUM BETREIBEN EINER LEUCHTDIODE

Title (fr)

PROCÉDÉ ET ENSEMBLE POUR FAIRE FONCTIONNER UNE DIODE ÉLECTROLUMINESCENTE

Publication

EP 2862416 A1 20150422 (DE)

Application

EP 12758788 A 20120822

Priority

EP 2012066323 W 20120822

Abstract (en)

[origin: WO2014029427A1] The invention relates to a method for operating at least one lighting diode (D) dependent on the ambient light. In the method, a lighting diode (D) is actuated such that the lighting diode (D) lights up during a first time interval (Z1) and does not light up during a subsequent second time interval (Z2). During the first time interval (Z1), a capacitor (C) is charged. During the second time interval (Z2), the capacitor (C) is discharged via the lighting diode (D), said lighting diode (D) being exposed to the ambient light. During the second time interval (Z2), the capacitor voltage (U2) is measured, and the ratio of the duration of the first time interval (Z1) to the duration of the second time interval (Z2) varies depending on the capacitor voltage (U2).

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