

Title (en)

Switching assembly and method for operating a low pressure discharge lamp

Title (de)

Schaltungsanordnung und Verfahren zum Betreiben einer Niederdruckentladungslampe

Title (fr)

Dispositif de commutation et procédé de fonctionnement de lampes à décharge basse tension

Publication

EP 2265097 B1 20130306 (DE)

Application

EP 10162671 A 20100512

Priority

DE 102009023787 A 20090603

Abstract (en)

[origin: EP2265097A1] The arrangement has a series resonant circuit comprising an inductive element (L1) coupled to an electrode of a low-pressure discharge lamp (LP) and a capacitor (C3) connected in series with the element and in parallel with the low-pressure discharge lamp. A resistive element (R1) is connected in series with a diode (D2) between a terminal of a direct current voltage source and a positive temperature coefficient thermistor (PTC). An evaluation device (A) taps off voltage drop across the resistive element, and is coupled to a microcontroller in order to deactivate the microcontroller. An independent claim is also included for a method for operating a low-pressure discharge lamp with a circuit arrangement.

IPC 8 full level

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