

Title (en)  
Method and device to control a gas discharge lamp circuit

Title (de)  
Verfahren und Vorrichtung zum Betreiben einer Gasentladungslampe

Title (fr)  
Méthode et dispositif de control d'un circuit de lampe à décharge

Publication  
**EP 1152645 B1 20060412 (DE)**

Application  
**EP 01000130 A 20010427**

Priority  
DE 10021537 A 20000503

Abstract (en)  
[origin: EP1152645A1] The method involves continuously or discontinuously measuring the value of at least one operating parameter of the gas discharge lamp that varies over time and selecting the frequency of the alternating voltage or current (the operating frequency) depending on the measured value, e.g. of the total operating duration, the burn voltage, the emitted or tapped power, the arc length and the electrode separation. Independent claims are also included for the following: an arrangement for operating a gas discharge lamp, a gas discharge lamp with two electrodes, a projector with a gas discharge lamp, a vehicle with a gas discharge lamp, a projector with a device for operating a gas discharge lamp, a vehicle with a device for operating a gas discharge lamp, a method of machining an electrode and a machine-readable data medium with a control program for controlling a device for operating a gas discharge lamp.

IPC 8 full level  
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CPC (source: EP KR US)  
**H05B 41/2883** (2013.01 - KR); **H05B 41/2925** (2013.01 - KR); **H05B 41/2928** (2013.01 - EP US); **H05B 41/388** (2013.01 - KR)

Cited by  
US7714522B2; EP2043409A3; US7355352B2; US7994734B2; US7946715B2; WO2008071232A1; WO2009138916A3; DE102010039221A1; WO2012019935A1; US9204520B2

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