

Title (en)

Device and method for operating discharge lamps

Title (de)

Betriebsgerät und Verfahren zum Betreiben von Gasentladungslampen

Title (fr)

Appareil et méthode pour commander des lampes à décharge

Publication

EP 1670294 B1 20080319 (DE)

Application

EP 05025754 A 20051125

Priority

DE 102004058921 A 20041207

Abstract (en)

[origin: EP1670294A2] A setting unit limits current of high pressure gas discharge lamp. A lamp state detector evaluates running voltage of high pressure gas discharge lamp or its proportional value at start and end of time window, to derive a state variable which is suitable for distinguishing between cold and hot discharge lamps. A controller inputs limit current value to setting unit as function of the state variable. An independent claim is also included for a method for controlling start-up of high-pressure discharge lamps.

IPC 8 full level

H05B 41/38 (2006.01); **H05B 41/288** (2006.01)

CPC (source: EP KR US)

H05B 41/14 (2013.01 - KR); **H05B 41/386** (2013.01 - EP US)

Designated contracting state (EPC)

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EP 05025754 A 20051125; AT 05025754 T 20051125; CA 2529264 A 20051206; CN 200510138047 A 20051207; DE 102004058921 A 20041207; DE 502005003295 T 20051125; JP 2005353999 A 20051207; KR 20050117910 A 20051206; TW 94142216 A 20051201; US 29043105 A 20051201