

Title (en)

Ballast for discharge lamps with lamp change detecting means

Title (de)

Vorschaltgerät mit Lampenwechselerkennung für Entladungslampen

Title (fr)

Ballast, avec dispositif de reconnaissance de changement de lampe, pour tubes à décharge

Publication

EP 0677981 B1 20000712 (DE)

Application

EP 94105853 A 19940415

Priority

EP 94105853 A 19940415

Abstract (en)

[origin: EP0677981A1] A method of driving ballast devices for gas-discharge lamps in which the ballast device is equipped with an inverter (1) and at least one gas-discharge lamp (La) is arranged in the lamp circuit. In the event of the lamp not starting (firing) the inverter is switched off. In order to improve the procedure by fully accommodating circuits with inductively coupled heating currents, lamp exchange (replacement) is ascertained by briefly switching on the inverter (1) again during the measurement phase and by measuring a current from the inverter in the lamp circuit during the measurement phase. <IMAGE>

IPC 1-7

H05B 41/282

IPC 8 full level

H05B 41/298 (2006.01)

CPC (source: EP US)

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Cited by

EP0769239A4; AU761360B2; DE102007047141A1; EP0769889A1; BE1009717A3; EP0889675A1; US6081077A; EP0779768A3; US6169375B1; US6433490B2; US6225760B1; WO9934649A1; WO0024233A3; WO0197574A3; WO9934650A1; WO0072642A1; WO0007416A1

Designated contracting state (EPC)

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