

Title (en)

Method and apparatus to regulate and control a heating coil for lamps

Title (de)

Verfahren und Vorrichtung zum Regeln und Steuern einer Wendelheizung für Lampen

Title (fr)

Procédé et dispositif pour réguler et commander un filament chauffé

Publication

EP 1691587 A1 20060816 (DE)

Application

EP 06000746 A 20060113

Priority

DE 102005003450 A 20050125

Abstract (en)

The method involves detecting an operational parameter of a coil (W1) that is arranged in a control loop. A manipulated variable (SG) is determined on the basis of the detected operational parameter by a heating controller (H). The coil and another coil (W2) that is arranged outside the control loop are controlled on the basis of the manipulated variable. The determined manipulated variable is transmitted to the coils via respective actuating units (S1, S2). The detected operational parameter of the former filament is transmitted to the heating controller. An independent claim is also included for a device for regulating and controlling a coil heating for a lamp i.e. fluorescent lamp.

IPC 8 full level

H05B 41/295 (2006.01)

CPC (source: EP US)

H05B 41/295 (2013.01 - EP US)

Citation (search report)

- [X] US 5798614 A 19980825 - BISHOP GARY D [US]
- [A] DE 19850441 A1 20000511 - TRILUX LENZE GMBH & CO KG [DE]
- [A] US 2002145886 A1 20021010 - STEVENS CARLILE R [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1691587 A1 20060816; EP 1691587 B1 20080305; AT E388611 T1 20080315; CA 2533374 A1 20060725; CN 1819734 A 20060816; DE 102005003450 A1 20060727; DE 502006000408 D1 20080417; PL 1691587 T3 20080829; US 2006164019 A1 20060727; US 7291982 B2 20071106

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