

Title (en)

CIRCUIT ARRANGEMENT FOR CONTROLLING THE BRIGHTNESS OF A LAMP

Publication

**EP 0346405 B1 19930804 (DE)**

Application

**EP 88909090 A 19881025**

Priority

DE 3736222 A 19871026

Abstract (en)

[origin: WO8904110A1] A circuit arrangement is useful for controlling the brightness of a lamp (L) connected to a mains alternating voltage (N) by means of a sensor (SE) arranged on the lamp. The mains alternating voltage (N) is rectified by a rectifier (GL) and supplied to a transformer circuit (P, S) designed as a half-bridge transformer. The primary part (P) of the electronic transformer (P, S) is controlled by a brightness signal (H) which is modified, by a control unit (ST) connected to the sensor (SE), in function of the contact of the sensor (SE). The lamp (L) is connected to the secondary part of the transformer circuit (P, S).

IPC 1-7

**H05B 37/02**

IPC 8 full level

**H05B 37/02** (2006.01); **H05B 39/08** (2006.01)

CPC (source: EP US)

**H05B 39/085** (2013.01 - EP US); **Y10S 323/904** (2013.01 - EP US)

Citation (examination)

- EP 0142063 A1 19850522 - HITACHI LIGHTING LTD [JP]
- EP 0202579 A1 19861126 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 8904110 A1 19890505**; AT E92705 T1 19930815; DE 3736222 A1 19890503; DE 3736222 C2 19900823; DE 3882979 D1 19930909; EP 0346405 A1 19891220; EP 0346405 B1 19930804; JP H02501966 A 19900628; US 4988924 A 19910129

DOCDB simple family (application)

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