

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).

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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]

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