

Title (en)

Load supply circuit and lamp module.

Title (de)

Lastspeisungsschaltung und Lampenmodul.

Title (fr)

Circuit d'alimentation de charge et module de lampe.

Publication

**EP 0165701 A1 19851227 (EN)**

Application

**EP 85303410 A 19850515**

Priority

GB 8412699 A 19840518

Abstract (en)

A direct replacement for an ordinary domestic G.L.S. bulb consists of a low voltage tungsten-halogen lamp (6), which has a greater efficiency at low voltages, and an electronic circuit (11) for stepping down the mains voltage to a suitable level, all within a lamp replacement unit for fitting into an ordinary lamp socket. The electronic circuit includes a gate-turnoff thyristor (12) for switching the lamp into and out of the supply circuit and an i.c. (25) for triggering the thyristor at a desired phase angle of the mains supply (20).

IPC 1-7

**H05B 39/08**; **H05B 39/00**; **H01K 1/62**

IPC 8 full level

**H01K 1/62** (2006.01); **H05B 39/00** (2006.01); **H05B 39/08** (2006.01)

CPC (source: EP)

**H01K 1/62** (2013.01); **H05B 39/00** (2013.01); **H05B 39/08** (2013.01)

Citation (search report)

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- [X] FR 2505601 A1 19821112 - EGYESUELT IZZOLAMPA [HU]
- [Y] FR 2438406 A1 19800430 - PHILIPS NV [NL]
- [Y] DE 2831629 A1 19800131 - PREH ELEKTRO FEINMECHANIK
- [XP] FR 2550383 A1 19850208 - GEN ELECTRIC [US]

Cited by

EP0545514A1; US4870317A; BE1003655A3; WO9109459A1

Designated contracting state (EPC)

BE DE FR IT NL

DOCDB simple family (publication)

**GB 2159009 A 19851120**; **GB 2159009 B 19880810**; **GB 8512337 D0 19850619**; DE 3579953 D1 19901108; EP 0165701 A1 19851227; EP 0165701 B1 19901003; GB 8412699 D0 19840627

DOCDB simple family (application)

**GB 8512337 A 19850515**; DE 3579953 T 19850515; EP 85303410 A 19850515; GB 8412699 A 19840518