

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]

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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

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