

Title (en)

Ballast for at least one discharge lamp

Title (de)

Vorschaltgerät für mindestens eine Gasentladungslampe

Title (fr)

Ballast pour au moins une lampe à décharge

Publication

EP 0707438 A3 19970730 (DE)

Application

EP 95116198 A 19951013

Priority

- DE 4436705 A 19941013
- DE 19501695 A 19950120

Abstract (en)

[origin: EP0707438A2] The circuit has inverter switches (S1,S2) coupled in series, and operated in an alternating mode using signals from a control circuit (1). The switches connect with the load circuit that has series resonance stage having a coil (L1) and capacitor (C3). The circuit connects to the lighting tube via a coupling capacitor (C1). The other electrode of the lamp is connected to a heating transformer (T) that has a pair of primaries (T1,T3) and a pair of secondaries (T2,T4). A switch (S3) in the supply line controls the generation of the heating current.

IPC 1-7

H05B 41/29; **H05B 41/392**

IPC 8 full level

H05B 41/295 (2006.01); **H05B 41/298** (2006.01)

CPC (source: EP US)

H05B 41/295 (2013.01 - EP US); **H05B 41/2985** (2013.01 - EP US); **H05B 41/3925** (2013.01 - EP US)

Citation (search report)

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- [L] DE 29514817 U1 19951116 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] WO 9312631 A1 19930624 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] DE 4219958 C1 19930624
- [AD] EP 0589081 A1 19940330 - KNOBEL LICHTTECH [CH]
- [A] EP 0490329 A1 19920617 - TRIDONIC BAUELEMENTE [AT]

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Designated contracting state (EPC)

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