

Title (en)

Ballast circuits for lighting units.

Title (de)

Vorschaltgeräte für Beleuchtungseinheiten.

Title (fr)

Circuits de ballast pour unités d'éclairage.

Publication

**EP 0147922 A1 19850710 (EN)**

Application

**EP 84306643 A 19840928**

Priority

US 53824683 A 19831003

Abstract (en)

Ballast circuits for a gas discharge tube are disclosed. One embodiment of a single-phase non-inductive ballast for operation of a gas discharge tube by direct current (DC) using a resistive current-limiting means and a relatively small capacitor is disclosed. The DC ballast circuit generates a timed pulse addition (TPA). The DC ballast circuit includes an arrangement of switching means which controls the discharge of a capacitive energy storage means so as to supply the reignition and the restrike energy in the form of timed pulse additions (TPA) that may be needed for the discharge tube. Other embodiments are disclosed for the ballast circuit which operate directly from the AC line and control the discharge of a capacitive storage means to supply reignition and restrike energy in the form of timed pulse additions (TPA) that may be needed for the gas discharge tube.

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CPC (source: EP)

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Citation (search report)

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