

Title (en)

Device for operating a discharge lamp, especially for inside lighting or signalling of vehicles

Title (de)

Vorrichtung zum Betreiben einer Entladungslampe, insbesondere für die Innenbeleuchtung oder Signalisierung eines Fahrzeuges

Title (fr)

Dispositif d'alimentation de lampe à décharge, notamment pour l'éclairage intérieur ou la signalisation de véhicule

Publication

EP 0681415 B1 19980722 (FR)

Application

EP 95401028 A 19950504

Priority

FR 9405602 A 19940506

Abstract (en)

[origin: EP0681415A1] The circuit for supplying power to an electrical discharge lamp includes an oscillator providing a sinusoidal signal (Vcom) with few significant harmonics. The signal offers few significant harmonics and has no steep fronts. This signal is applied to an amplifier (4) which in turn provides an output signal for application to the discharge lamp (2). The operation of the amplifier is linear when the lamp is illuminated. The amplifier does have a transitory nonlinear regime when it generates firing pulses to start up the discharge lamp (2). <IMAGE>

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