

Title (en)

Process for operating a discharge lamp ballast

Title (de)

Verfahren zum Betrieb eines Vorschaltgeräts für Entladungslampen

Title (fr)

Procédé pour commander un ballast de lampes à décharge

Publication

**EP 0677982 B1 20000209 (DE)**

Application

**EP 95104776 A 19950331**

Priority

- EP 95104776 A 19950331
- EP 94105852 A 19940415

Abstract (en)

[origin: EP0677982A1] A method of driving or operating a ballast device for e.g. a fluorescent lamp using an inverter (2) for driving at least one lamp (La) by inverting an intermediate circuit voltage (Uzk) rectified from an a.c. voltage, at an inverter frequency of (fw) is designed to reduce the cost of control circuitry (4) for lighting arrangements where the output of the lamp is strictly dependent on the value of the voltage (Uzk). thus, the inverter frequency (fw) is selected, during the normal lighting operation of the lamp (La), on the basis of the intermediate voltage value (Uzk). <IMAGE>

IPC 1-7

**H05B 41/295**; **H05B 41/392**

IPC 8 full level

**H05B 41/298** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP US)

**H05B 41/2983** (2013.01 - EP US); **H05B 41/392** (2013.01 - EP US); **H05B 41/3925** (2013.01 - EP US); **Y10S 315/05** (2013.01 - EP); **Y10S 315/07** (2013.01 - EP)

Cited by

EP0771440A4; DE102011103638A1; EP1819205A4; US7067994B2; WO03055281A1; WO0002423A3; WO2008155714A1; EP2719259B1; EP1791399B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0677982 A1 19951018**; **EP 0677982 B1 20000209**; US 5563477 A 19961008

DOCDB simple family (application)

**EP 95104776 A 19950331**; US 42088095 A 19950413