

Title (en)

Ballast for low-pressure discharge lamp

Title (de)

Schaltungsanordnung zum Betrieb von Niederdruckentladungslampen

Title (fr)

Ballast pour lampe à décharge à faible pression

Publication

**EP 0949851 B1 20011017 (DE)**

Application

**EP 99106712 A 19990401**

Priority

DE 19815623 A 19980407

Abstract (en)

[origin: EP0949851A1] The high-frequency operation of the low-power low-pressure gas discharge lamp (LP) is performed by a mains rectifier (2) and a half bridge circuit (3). The connection is made by a higher harmonic filter circuit (5) with a diode (D1), capacitor (C1) and a resistor (R9) that connects to the second electrode of the tube.

IPC 1-7

**H05B 41/00**

IPC 8 full level

**H05B 41/00** (2006.01); **H05B 41/28** (2006.01)

CPC (source: EP KR US)

**H05B 41/28** (2013.01 - EP US); **H05B 41/2881** (2013.01 - KR); **H05B 41/292** (2013.01 - KR)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0949851 A1 19991013**; **EP 0949851 B1 20011017**; CA 2267918 A1 19991007; CA 2267918 C 20051122; DE 19815623 A1 19991014; DE 59900311 D1 20011122; ES 2166203 T3 20020401; KR 100607394 B1 20060802; KR 19990082734 A 19991125; TW 461229 B 20011021; US 6104142 A 20000815

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