

Title (en)

Circuit for operating at least one fluorescent discharge lamp and at least one LED

Title (de)

Schaltungsanordnung zum Betrieb mindestens einer Leuchtstoffentladungslampe und mindestens einer LED

Title (fr)

Circuit pour alimenter au moins un tube à décharge fluorescent et au moins une DEL

Publication

**EP 1755363 A1 20070221 (DE)**

Application

**EP 06013146 A 20060626**

Priority

DE 102005030114 A 20050628

Abstract (en)

The arrangement has an inverter with a bridge circuit having switches (S1, S2) that are arranged in series. A lamps-supply unit (10) supplies an electrical lamp (LP) with energy from the circuit that has an inductor (L1). The circuit has a center point (M) that is coupled with a connection for the lamp by the inductor. The unit has a light emitting diode (LED)-supply unit (12), which is designed to supply an LED with energy. An independent claim is also included for a method of operating an electrical lamp and a light emitting diode (LED) at a circuit arrangement.

IPC 8 full level

**H05B 35/00** (2006.01); **H05B 41/282** (2006.01)

CPC (source: EP US)

**H05B 35/00** (2013.01 - EP US)

Citation (search report)

- [X] WO 2004097866 A1 20041111 - LIMPKIN GEORGE ALAN [GB]
- [A] EP 1076476 A2 20010214 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] DE 10013207 A1 20010920 - TRIDONIC BAUELEMENTE [AT]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**US 2007210719 A1 20070913**; **US 7786683 B2 20100831**; AT E417489 T1 20081215; CA 2550940 A1 20061228; CN 1893754 A 20070110; CN 1893754 B 20110309; DE 102005030114 A1 20070118; DE 502006002311 D1 20090122; EP 1755363 A1 20070221; EP 1755363 B1 20081210

DOCDB simple family (application)

**US 47509506 A 20060627**; AT 06013146 T 20060626; CA 2550940 A 20060627; CN 200610107677 A 20060628; DE 102005030114 A 20050628; DE 502006002311 T 20060626; EP 06013146 A 20060626