

Title (en)

Simple remotely controlled preswitching device for illuminant lamps

Title (de)

Einfaches fremdgesteuertes Vorschaltgerät für Leuchtstofflampen

Title (fr)

Appareil de montage simple télécommandé pour lampes fluorescentes

Publication

EP 2091303 A3 20110330 (DE)

Application

EP 08021494 A 20081211

Priority

DE 102008009078 A 20080214

Abstract (en)

[origin: EP2091303A2] The ballast (1) has a resistor-capacitor (RC) circuit (33) designed as a frequency-determining device. An integrated driver circuit (25) provided for a half-bridge inverter (10) includes inputs (Lin, Hin) for inverted and non-inverted clock signals, and includes two outputs (Ho, Lo). The inverter includes transistors (11, 12) whose control electrodes are connected to the outputs. A monoflop circuit (40) is connected with the RC circuit. Schmitt-trigger NAND gates (32, 37), gates (41, 42) and the driver circuit are supplied with power by a starting circuit (28) during a start condition.

IPC 8 full level

H05B 41/04 (2006.01)

CPC (source: EP)

H05B 41/2828 (2013.01)

Citation (search report)

- [I] EP 0835044 A2 19980408 - GEN ELECTRIC [US]
- [I] US 6002213 A 19991214 - WOOD PETER N [US]
- [A] EP 1379109 A1 20040107 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] US 2007145907 A1 20070628 - HWANG JONG-TAE [KR], et al
- [A] EP 0059064 A1 19820901 - EMI PLC THORN [GB]
- [A] WO 0198853 A1 20011227 - INT RECTIFIER CORP [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08021494 A 20081211; DE 102008009078 A 20080214; RU 2009105150 A 20090213