

Title (en)

Electronic pre-switching device and lighting system

Title (de)

Elektronisches Vorschaltgerät und Leuchtmittelsystem

Title (fr)

Appareil de montage électronique et système d'éclairage

Publication

**EP 2187710 A3 20111019 (DE)**

Application

**EP 09014099 A 20091111**

Priority

DE 102008057007 A 20081112

Abstract (en)

[origin: EP2187710A2] The electronic pre-switching device has a circuit (3) formed as bridge circuit, where a connection (7) provided for connecting with the lamp (14) is impinged with a supply voltage. A light emitting diode excitation circuit (2) is provided for operating an illuminating diode (16), where the light emitting diode excitation circuit and the circuit are arranged together in a construction.

IPC 8 full level

**H05B 41/36** (2006.01); **H05B 41/38** (2006.01)

CPC (source: EP)

**H05B 35/00** (2013.01)

Citation (search report)

- [X] WO 2008113658 A1 20080925 - OSRAM GMBH [DE], et al
- [X] DE 102005030114 A1 20070118 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [X] DE 202005005135 U1 20050609 - HUGEWIN ELECTRONICS CO [TW], et al
- [X] US 2007146565 A1 20070628 - JEON JIN HWAN [KR], et al
- [XP] EP 2079134 A2 20090715 - YU HANG JAE [KR]
- [XP] US 2008315791 A1 20081225 - MELANSON JOHN L [US]
- [A] US 2005259416 A1 20051124 - GAUNA KEVIN W [US], et al

Cited by

EP2515617A1; AT14625U1; US8669707B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2187710 A2 20100519; EP 2187710 A3 20111019**; DE 102008057007 A1 20100520

DOCDB simple family (application)

**EP 09014099 A 20091111**; DE 102008057007 A 20081112