

Title (en)

LAMP DRIVE POWER SUPPLY AND METHOD FOR CONTROLLING LAMP DRIVE POWER SUPPLY

Title (de)

STROMVERSORGUNG FÜR LAMPENANSTEUERUNG UND VERFAHREN ZUR STEUERUNG EINER STROMVERSORGUNG ZUR LAMPENANSTEUERUNG

Title (fr)

ALIMENTATION D'ENTRAÎNEMENT DE LAMPE ET PROCÉDÉ DE COMMANDE D'UNE ALIMENTATION D'ENTRAÎNEMENT DE LAMPE

Publication

**EP 2999312 A4 20160615 (EN)**

Application

**EP 13852349 A 20130513**

Priority

JP 2013063300 W 20130513

Abstract (en)

[origin: EP2999312A1] An LED lamp lighting device is connected between a first power supply terminal on a low potential side of a lamp driving power supply and a second power supply terminal on a high potential side of the lamp driving power supply, receives a driving current from the lamp driving power supply, and causes the driving current to illuminate a plurality of LED lamps connected in series.

IPC 8 full level

**H05B 37/02** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

**H05B 45/44** (2020.01 - EP US); **H05B 45/48** (2020.01 - EP); **H05B 45/54** (2020.01 - EP US)

Citation (search report)

- [A] WO 2012127515 A1 20120927 - MITSUBISHI ELECTRIC CORP [JP], et al
- [A] DE 102009017989 A1 20101028 - VOSSLOH SCHWABE OPTOELECTRONIC [DE]
- See also references of WO 2014184847A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2999312 A1 20160323**; **EP 2999312 A4 20160615**; **EP 2999312 B1 20171025**; BR 112014018489 A2 20190924; BR 112014018489 A8 20210427; BR 112014018489 B1 20211214; CN 104509212 A 20150408; CN 104509212 B 20170222; ES 2651323 T3 20180125; JP 5684432 B1 20150311; JP WO2014184847 A1 20170223; TW 201448670 A 20141216; TW I554153 B 20161011; WO 2014184847 A1 20141120; ZA 201405502 B 20160525

DOCDB simple family (application)

**EP 13852349 A 20130513**; BR 112014018489 A 20130513; CN 201380009757 A 20130513; ES 13852349 T 20130513; JP 2013063300 W 20130513; JP 2014517286 A 20130513; TW 103114504 A 20140422; ZA 201405502 A 20140725