

Title (en)

DRIVING APPARATUS OF LIGHT EMITTING LOAD AND LIGHT EMITTING APPARATUS FOR VEHICLE

Title (de)

ANSTEUERUNGSVORRICHTUNG EINER LICHEMITTIERENDEN LAST UND LICHEMITTIERENDE VORRICHTUNG FÜR EIN FAHRZEUG

Title (fr)

APPAREIL DE COMMANDE DE CHARGE D'ÉMISSION DE LUMIÈRE ET DE DISPOSITIF ÉMETTANT DE LA LUMIÈRE POUR VÉHICULE

Publication

**EP 2919559 B1 20190116 (EN)**

Application

**EP 15157687 A 20150305**

Priority

JP 2014046174 A 20140310

Abstract (en)

[origin: EP2919559A2] A light emitting load driving apparatus includes a first switching element, a second switching element, and a gate driver, to drive first and second light emitting loads connected in series. The first switching element, when in an ON state, bypasses a current to be passed to the first light emitting load. The second switching element, when in an ON state, bypasses a current to be passed to the second light emitting load. The gate driver reduces at least one of an overshoot current caused when the first and second switching elements are simultaneously turned on and an undershoot current caused when the first and second switching elements are simultaneously turned off.

IPC 8 full level

**H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

**H05B 45/48** (2020.01 - EP US); **H05B 45/54** (2020.01 - EP US); **H05B 47/10** (2020.01 - EP)

Cited by

EP3334251A1; US9900950B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2919559 A2 20150916; EP 2919559 A3 20151014; EP 2919559 B1 20190116; JP 2015170556 A 20150928; JP 6278238 B2 20180214**

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