

Title (en)

CIRCUIT ARRANGEMENT AND METHOD FOR OPERATING LEDS

Title (de)

SCHALTUNGSANORDNUNG UND VERFAHREN ZUM BETREIBEN VON LEDS

Title (fr)

ENSEMBLE CIRCUIT ET PROCÉDÉ DE COMMANDE DE LED

Publication

**EP 3138368 A1 20170308 (DE)**

Application

**EP 15721618 A 20150428**

Priority

- DE 102014208190 A 20140430
- EP 2015059197 W 20150428

Abstract (en)

[origin: WO2015165898A1] The invention relates to a circuit arrangement having at least one LED assembly (15) and a controller (50) for providing a supply current (IBALLAST) for the LEDs (17), wherein the LED assembly (15) is assigned an identification element in the form of a current sink (20) which is connected to the controller (50) via a parallel feedback circuit (25), said controller (50) being designed to provide a suitable supply current for the LEDs (17), based on a current flow (IFEEDBACK) produced via the feedback circuit (25).

IPC 8 full level

**H05B 44/00** (2022.01); **H05B 45/50** (2022.01)

CPC (source: AT EP US)

**H05B 45/10** (2020.01 - EP US); **H05B 45/40** (2020.01 - AT EP US); **H05B 45/50** (2020.01 - AT EP US); **H05B 45/56** (2020.01 - AT EP US)

Citation (search report)

See references of WO 2015165898A1

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)

**DE 102014208190 A1 20151105**; AT 15510 U1 20171115; EP 3138368 A1 20170308; EP 3138368 B1 20200610; WO 2015165898 A1 20151105

DOCDB simple family (application)

**DE 102014208190 A 20140430**; AT 2332014 U 20140528; EP 15721618 A 20150428; EP 2015059197 W 20150428