

Title (en)

LED DRIVER WITH SELF-TEST CAPABILITIES

Title (de)

LED-TREIBER MIT SELBSTTESTFÄHIGKEIT

Title (fr)

PILOTE DE DEL AYANT DES CAPACITÉS D'AUTO-TEST

Publication

EP 4271136 A1 20231101 (EN)

Application

EP 22170538 A 20220428

Priority

EP 22170538 A 20220428

Abstract (en)

A driver device comprises a converter circuit configured to generate and output a load current for driving an electric load and a control circuit configured to control operation of the converter circuit. The control circuit is configured to perform a functional test for testing electronic circuitry of the driver device that includes the converter circuit. The driver device may be a light driver device, preferably for proving the load current to a LED lighting device. The control circuit is configured to perform the functional test by executing a test routine for testing at least one electrical parameters of the driver device.

IPC 8 full level

H05B 45/50 (2022.01)

CPC (source: EP)

H05B 45/50 (2020.01)

Citation (search report)

- [XII] US 2018092191 A1 20180329 - SIEFER MICHAEL J [US], et al
- [XII] US 2018128437 A1 20180510 - COOMBES SIMON [US], et al

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4271136 A1 20231101; WO 2023209101 A1 20231102

DOCDB simple family (application)

EP 22170538 A 20220428; EP 2023061131 W 20230427