

Title (en)  
METHOD FOR OPERATING AN LED CONVERTER AND LED CONVERTER

Title (de)  
VERFAHREN ZUM BETRIEB EINES LED-WANDLERS UND LED-WANDLER

Title (fr)  
PROCÉDÉ DE FONCTIONNEMENT D'UN CONVERTISSEUR À DEL ET CONVERTISSEUR À DEL

Publication  
**EP 4287779 A1 20231206 (EN)**

Application  
**EP 22176366 A 20220531**

Priority  
EP 22176366 A 20220531

Abstract (en)  
A method for operating an LED converter (1) which is connected to a power supply via a mains input (10) and to an LED light source (50) via a load connection (30) is provided, wherein the method comprises: determining, by the LED converter (1), whether a fault condition occurs during operation of the LED converter (1); in case a fault condition is determined, operating the LED converter (1) in a safe operating mode.

IPC 8 full level  
**H05B 45/50** (2022.01); **H05B 45/355** (2020.01); **H05B 47/18** (2020.01); **H05B 47/24** (2020.01)

CPC (source: EP)  
**H05B 45/355** (2020.01); **H05B 45/50** (2020.01); **H05B 47/18** (2020.01); **H05B 47/183** (2024.01); **H05B 47/24** (2020.01)

Citation (search report)  
• [XA] DE 102012017397 A1 20131017 - TRIDONIC GMBH & CO KG [AT]  
• [IA] US 2010202169 A1 20100812 - GABOURY MICHAEL J [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 4287779 A1 20231206**; WO 2023232576 A1 20231207

DOCDB simple family (application)  
**EP 22176366 A 20220531**; EP 2023063881 W 20230524