

Title (en)

DEVICE FOR SUPPLYING LIGHT SOURCES WITH ENERGY IN A MANNER THAT INCREASES THEIR SERVICE LIFE, BY REDUCING CURRENT/VOLTAGE SURGES

Title (de)

VORRICHTUNG ZUR LEBENSDAUERERHÖHENDEN ENERGIEVERSORGUNG VON LEUCHTMITTELN, UNTER VERRINGERUNG VON STROM/SPANNUNGSSPRÜNGE

Title (fr)

DISPOSITIF D'ALIMENTATION DE MOYENS D'ECLAIRAGE EN ENERGIE DE MANIERE A AUGMENTER LEUR DUREE DE VIE, AVEC DIMINUTION DES POINTES DE COURANT/VOLTAGE

Publication

EP 3128810 B1 20180912 (DE)

Application

EP 16189870 A 20140724

Priority

- EP 13178386 A 20130729
- EP 14742240 A 20140724
- EP 2014065943 W 20140724

Abstract (en)

[origin: WO2015014713A1] The invention relates to a circuit for the energy supplying of a sequential circuit of typically non-linear loads by means of a current source (1). The load according to the invention is preferably a series circuit of LEDs (4, 10). Said current-operated load, preferably a LED series circuit (4, 10), consisting of one to N elements is partially short-circuited (3, 9) and thus dimmed.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/24 (2020.01 - EP US); **H05B 45/48** (2020.01 - EP US); **H05B 45/54** (2020.01 - EP US); **H05B 45/56** (2020.01 - EP US)

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

DOCDB simple family (publication)

EP 2833699 A1 20150204; EP 3028544 A1 20160608; EP 3028544 B1 20180103; EP 3128809 A1 20170208; EP 3128809 B1 20180718; EP 3128810 A1 20170208; EP 3128810 B1 20180912; EP 3128811 A1 20170208; EP 3128811 B1 20180912; EP 3128812 A1 20170208; EP 3128812 B1 20180912; EP 3128813 A1 20170208; EP 3128813 B1 20180919; US 2016165678 A1 20160609; US 9686830 B2 20170620; WO 2015014713 A1 20150205

DOCDB simple family (application)

EP 13178386 A 20130729; EP 14742240 A 20140724; EP 16189851 A 20140724; EP 16189870 A 20140724; EP 16189871 A 20140724; EP 16189873 A 20140724; EP 16189877 A 20140724; EP 2014065943 W 20140724; US 201414908592 A 20140724