

Title (en)
DEVICE FOR SUPPLYING LIGHT SOURCES WITH ENERGY IN A MANNER THAT INCREASES THEIR SERVICE LIFE, BY REDUCING CURRENT/VOLTAGE PEAKS

Title (de)
VORRICHTUNG ZUR ENERGIEVERSORGUNG VON, UNTER VERRINGERUNG VON STROM/SPANNUNGSSTÖßEN AN, LEUCHTDIODEN

Title (fr)
DISPOSITIF D'ALIMENTATION DE MOYENS D'ECLAIRAGE EN ENERGIE DE MANIERE A AUGMENTER LEUR DUREE DE VIE, AVEC DIMINUTION DES PICS DE COURANT/VOLTAGE

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Application
EP 16189873 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.

Abstract (de)
Die Erfindung betrifft eine Schaltung (7) zur Energieversorgung einer sequentiellen Schaltung typischerweise nichtlinearer Lasten (4, 10) mit Hilfe einer Stromquelle (1). Vorzugsweise handelt es sich bei der Last um eine Serienschaltung aus LEDs (4, 10). Diese strombetriebene Last, vorzugsweise eine LED-Serienschaltung (4, 10), bestehend aus ein bis N Elementen und wird partiell kurzgeschlossen und damit gedimmt.

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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)

Citation (applicant)

- US 2012223649 A1 20120906 - SAES MARC [NL], et al
- DE 102009025752 A1 20101209 - LEAR CORP [DE]
- US 2012153844 A1 20120621 - CHOBOT JOSEPH PAUL [US]
- US 2010194274 A1 20100805 - HOOGZAAD GIAN [NL]

Citation (search report)

- [A] US 2012223649 A1 20120906 - SAES MARC [NL], et al
- [A] US 2010194274 A1 20100805 - HOOGZAAD GIAN [NL]
- [A] US 2012153844 A1 20120621 - CHOBOT JOSEPH PAUL [US]
- [A] DE 102009025752 A1 20101209 - LEAR CORP [DE]
- [A] US 2011260617 A1 20111027 - TANAKA TOSHIFUMI [JP]
- [A] US 2011199003 A1 20110818 - MUGURUMA SHUJI [JP], et al

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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)
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