

Title (en)

Central power supply for lamp operation devices containing a central PFC/rectification device

Title (de)

Zentrale Spannungsversorgung von Betriebsgeräten für Leuchtmittel, eine zentrale PFC-Korrekturereinheit aufweisend

Title (fr)

Alimentation centrale pour l'alimentation de lampes contenant un circuit convertisseur de correction du facteur de puissance

Publication

EP 1555858 A3 20050831 (DE)

Application

EP 04028277 A 20041129

Priority

DE 102004002027 A 20040114

Abstract (en)

[origin: EP1555858A2] The system has a central rectifier unit (31) with an input side connection for alternating voltage (35) and at least one d.c. output stage (39, 392) and several operating devices (32) for light sources supplied with voltage via the d.c. output stages, whereby the central rectifier unit has a circuit (392, 36) for regulating the voltage, the current and/or the power of the output stage : Independent claims are also included for the following: (A) a method for the central voltage supply of operating devices for light sources (B) and a computer software product for supporting the inventive method.

IPC 1-7

H05B 37/02

IPC 8 full level

H05B 41/24 (2006.01); **H05B 41/285** (2006.01); **H05B 41/298** (2006.01)

CPC (source: EP)

H05B 41/245 (2013.01); **H05B 41/2851** (2013.01); **H05B 41/2981** (2013.01)

Citation (search report)

- [X] US 6534933 B2 20030318 - SHEN ERIC B [US]
- [X] EP 1244337 A1 20020925 - MAGNETEK SPA [IT]
- [X] WO 9427419 A1 19941124 - ETTA IND INC [US]
- [A] EP 0411618 A2 19910206 - ZUMTOBEL AG [AT]

Cited by

DE102015005240A1; AT14100U1; EP2925094A1; CN104955219A; US2022063146A1; US9648689B2; WO2014176612A1; US9468077B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1555858 A2 20050720; **EP 1555858 A3 20050831**; **EP 1555858 B1 20110817**; AT E521214 T1 20110915; DE 102004002027 A1 20050804; DE 102004002027 B4 20200326; EP 2365737 A2 20110914; EP 2365737 A3 20131211; EP 2365737 B1 20190130; PL 1555858 T3 20120131

DOCDB simple family (application)

EP 04028277 A 20041129; AT 04028277 T 20041129; DE 102004002027 A 20040114; EP 11162425 A 20041129; PL 04028277 T 20041129