

Title (en)
Central PFC with DC output circuit regulation

Title (de)
Zentraler PFC mit DC-Ausgangskreisregelung

Title (fr)
PFC central doté d'une régulation de sortie CC

Publication
EP 2365737 A3 20131211 (DE)

Application
EP 11162425 A 20041129

Priority
• EP 04028277 A 20041129
• 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 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] EP 1220581 A2 20020703 - SETECH S R L [IT]
• [I] US 2003141827 A1 20030731 - NERONE LOUIS R [US], et al
• [A] EP 0903966 A1 19990324 - CEAG SICHERHEITSTECHNIK GMBH [DE]
• [A] EP 1191826 A1 20020327 - TRIDONIC BAUELEMENTE [AT]
• [A] EP 1244337 A1 20020925 - MAGNETEK SPA [IT]

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

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