

Title (en)

Method for operation of a light, in particular for medical applications, and a light with a discharge lamp

Title (de)

Verfahren zum Betrieb einer Leuchte, insbesondere für medizinische Anwendungen, sowie Leuchte mit Entladungslampe

Title (fr)

Procédé pour le fonctionnement d'un éclairage, en particulier pour applications médicales, et éclairage avec une lampe à décharge

Publication

EP 1107422 A3 20030813 (DE)

Application

EP 00124476 A 20001109

Priority

- DE 29921180 U 19991203
- DE 10010139 A 20000303

Abstract (en)

[origin: EP1107422A2] The method involves changing over to a replacement electricity supply in the event of a supply fault and changing over to the normal supply after the fault is removed. A buffer storage device provides electrical energy for the operation of the discharge lamp (16) during the changeover. The buffer storage device is a capacitor that is at least partly discharged during the changeover. Independent claims are also included for the following: a light, especially for medical applications.

IPC 1-7

H02J 9/02; **H05B 41/285**; **H05B 37/04**; **H05B 37/03**; **H05B 41/292**

IPC 8 full level

H05B 41/24 (2006.01); **A61B 19/00** (2006.01); **H05B 37/03** (2006.01); **H05B 37/04** (2006.01); **H05B 41/285** (2006.01); **H05B 41/292** (2006.01)

CPC (source: EP US)

H05B 41/2853 (2013.01 - EP US); **H05B 41/2923** (2013.01 - EP US); **H05B 47/20** (2020.01 - EP US); **H05B 47/29** (2020.01 - EP US)

Citation (search report)

- [XY] EP 0079462 A2 19830525 - CEAG LICHT & STROM [DE]
- [Y] DE 19542085 A1 19960704 - BOSCH GMBH ROBERT [DE]
- [XD] DE 3807585 A1 19890921 - STIERLEN MAQUET AG [DE]
- [X] HARADA K ET AL: "Power systems with cold stand-by using ultra capacitors", TELECOMMUNICATIONS ENERGY CONFERENCE, 1998. INTELEC. TWENTIETH INTERNATIONAL SAN FRANCISCO, CA, USA 4-8 OCT. 1998, PISCATAWAY, NJ, USA, IEEE, US, 4 October 1998 (1998-10-04), pages 498 - 504, XP010350627, ISBN: 0-7803-5069-3

Cited by

US7321385B2; WO03059235A3

Designated contracting state (EPC)

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EP 1107422 A2 20010613; **EP 1107422 A3 20030813**; JP 2001217087 A 20010810; US 2002011809 A1 20020131; US 6498436 B2 20021224

DOCDB simple family (application)

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