

Title (en)

POWER SUPPLY SYSTEM AND METHOD FOR THE OPERATION OF AN ELECTRICAL LOAD

Title (de)

STROMQUELLENANORDNUNG UND VERFAHREN ZUM BETREIBEN EINER ELEKTRISCHEN LAST

Title (fr)

SYSTEME DE SOURCE DE COURANT ET PROCEDE POUR FAIRE FONCTIONNER UNE CHARGE ELECTRIQUE

Publication

EP 1894300 B1 20081001 (DE)

Application

EP 06743161 A 20060614

Priority

- EP 2006005749 W 20060614
- DE 102005028403 A 20050620

Abstract (en)

[origin: DE102005028403A1] A power source arrangement has a current source (1), a device (2) for connecting to an electrical load (3), a voltage tapping node (4) coupled to the connection device, a comparator (5) with first input joined to voltage tapping node (4), a transistor (7) joined on the control-side to the output of the comparator (5), a DC regulator (10) with one input (11) for supplying an input voltage and with an output (12) which is joined to the connection device (2) of the electrical load, and to a check-back input joined to the signal line (8). Independent claims are included for the following: (1) Implementation of one or more current source arrangements. (2) A method for operating an electrical load.

IPC 8 full level

H03K 17/687 (2006.01); **G09G 3/32** (2006.01)

CPC (source: EP KR US)

G05F 1/56 (2013.01 - KR); **G09G 3/32** (2013.01 - KR); **H05B 45/46** (2020.01 - EP US)

Cited by

US9494961B2

Designated contracting state (EPC)

FR GB

DOCDB simple family (publication)

DE 102005028403 A1 20061228; **DE 102005028403 B4 20131121**; DE 202005021665 U1 20090402; EP 1894300 A1 20080305; EP 1894300 B1 20081001; JP 2008547368 A 20081225; JP 4955672 B2 20120620; KR 100989021 B1 20101020; KR 101159931 B1 20120625; KR 20080032090 A 20080414; KR 20100018074 A 20100216; US 2009212717 A1 20090827; US 8063585 B2 20111122; WO 2006136321 A1 20061228

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