

Title (en)

METHOD AND DEVICE FOR DRIVING A LOAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANSTEUERUNG EINER LAST

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE D'UNE CHARGE

Publication

EP 2875574 A1 20150527 (DE)

Application

EP 13762771 A 20130906

Priority

- DE 102012217118 A 20120924
- EP 2013068452 W 20130906

Abstract (en)

[origin: WO2014044551A1] In order to drive a load (2), particularly to drive signal lamps in a signal system for rail vehicles, by means of a clocked voltage converter with two converter modules (M1, M2) on the input side connected in parallel, preferably functioning as buck converters, said modules are driven by means of pulse-modulated (PWM and/or PPM) signals (S1, S2) in such a manner that the load (2) connected on the output side between the converter modules (M1, M2) is supplied with two voltage half-waves (Vo1(t), Vo2(t)) offset relative to one another by half a period, forming an alternating voltage.

IPC 8 full level

H02M 7/48 (2007.01)

CPC (source: EP)

H02M 7/48 (2013.01); **H02M 1/0077** (2021.05); **H02M 3/158** (2013.01); **H02M 7/497** (2013.01)

Citation (search report)

See references of WO 2014044551A1

Citation (examination)

- DE 3029851 A1 19820218 - STANDARD ELEKTRIK LORENZ AG [DE]
- AT 406532 B 20000626 - HIMMELSTOSS FELIX DIPL ING DR [AT]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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