

Title (en)  
VOLTAGE SUPPLY FOR LOADS IN VEHICLES

Title (de)  
SPANNUNGSVERSORGUNG FÜR VERBRAUCHER IN FAHRZEUGEN

Title (fr)  
ALIMENTATION EN TENSION POUR DISPOSITIFS UTILISATEURS DANS DES VÉHICULES

Publication  
**EP 3077883 A1 20161012 (DE)**

Application  
**EP 14783615 A 20141010**

Priority  
• DE 102013224959 A 20131205  
• EP 2014071738 W 20141010

Abstract (en)  
[origin: WO2015082106A1] Method for providing a predefined voltage for loads, having the steps of: recording a first voltage at a first input of a voltage regulator, recording a second voltage using an evaluation unit, wherein the second voltage is produced at the output of the voltage regulator, evaluating the second voltage, producing a third voltage at a second input of the voltage regulator with the aid of an output of the evaluation unit, characterized in that the output of the evaluation unit is controlled on the basis of the evaluation of the second voltage, wherein the evaluation is carried out on the basis of a value of a predefined voltage which is stored in the evaluation unit, and the predefined voltage is set at the output of the voltage regulator on the basis of the first voltage, the third voltage and a fourth voltage which is produced with the aid of a voltage divider.

IPC 8 full level  
**G05F 1/46** (2006.01); **H02M 3/156** (2006.01)

CPC (source: EP)  
**G05F 1/46** (2013.01); **H02M 3/156** (2013.01); **H02M 1/0025** (2021.05)

Citation (search report)  
See references of WO 2015082106A1

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)  
**WO 2015082106 A1 20150611**; CN 105960616 A 20160921; DE 102013224959 A1 20150611; EP 3077883 A1 20161012

DOCDB simple family (application)  
**EP 2014071738 W 20141010**; CN 201480074986 A 20141010; DE 102013224959 A 20131205; EP 14783615 A 20141010