Title (en)

Method, computer program and power supply apparatus for stabilizing a supply voltage for at least one consumer

Title (de)

Verfahren, Computerprogramm und Spannungsversorgungsvorrichtung zur Stabilisierung einer Versorgungsspannung für mindestens einen Verbraucher

Title (fr)

Appareil d'alimentation, procédé et programme d'ordinateur pour la stabilisation d'alimentation pour au moins un consommateur

Publication

EP 1431858 A3 20071024 (DE)

Application

EP 03028913 A 20031217

Priority

DE 10261770 A 20021221

Abstract (en)

[origin: EP1431858A2] Part of a buffer task performed by capacitors is saved. If instabilities, especially in the form of voltage collapse, are determined during input voltage (UE) for a voltage control device, single electronic consumers (A,B) switch to an energy-saving mode and charge an electronic control device (120), from which they each receive their supply voltages (UA,UB). Independent claims are also included for the following: (a) A software program for a control device in a motor vehicle; (b) and for an electronic circuit for a control device in a motor vehicle; (c) and for a voltage supply device for making a stabilized supply voltage available for electronic consumers in a motor vehicle.

IPC 8 full level

G05F 1/565 (2006.01)

CPC (source: EP)

G05F 1/565 (2013.01)

Citation (search report)

- [XY] US 5224010 A 19930629 - TRAN TRANH T [US], et al
- [Y] EP 0175843 A2 19860402 - WABCO WESTINGHOUSE FAHRZEUG [DE]
- [A] US 2002025160 A1 20020228 - SHIMADA NOBORU [JP], et al
- [A] DE 29922554 U1 20000525 - KUHNKE GMBH KG H [DE]
- [A] EP 1046545 A2 20001025 - HARNESS SYST TECH RES LTD [JP], et al
- [A] JP H0976839 A 19970325 - MATSUSHITA ELECTRIC IND CO LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1431858 A2 20040623; **EP 1431858 A3 20071024**; **EP 1431858 B1 20140416**; DE 10261770 A1 20040708

DOCDB simple family (application)

EP 03028913 A 20031217; DE 10261770 A 20021221