

Title (en)

SYSTEM AND METHOD FOR MOTOR VEHICLE DOUBLE-VOLTAGE POWER SUPPLY

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ELEKTRISCHEN VERSORGUNG EINES FAHRZEUGES MIT ZWEI SPANNUNGEN

Title (fr)

SYSTEME ET PROCEDE D'ALIMENTATION ELECTRIQUE A DEUX TENSIONS POUR VEHICULE

Publication

**EP 1568115 A1 20050831 (FR)**

Application

**EP 03796131 A 20031202**

Priority

- FR 0303553 W 20031202
- FR 0215188 A 20021203

Abstract (en)

[origin: FR2848033A1] The system has a primary network (7) of high voltage and a secondary network (10) of low voltage providing supply to a primary (8) and secondary electrical systems (11), respectively. The primary and secondary networks are coupled to respective batteries (6,9) of high and low voltage, respectively. A control unit (5) controls an average conversion electronic (12) that transfers energy between the networks, based on the states of the electric systems. An Independent claim is also included for a process for supplying two levels of voltages to the vehicle.

IPC 1-7

**H02J 7/14**

IPC 8 full level

**H02J 7/14** (2006.01)

CPC (source: EP)

**H02J 7/1423** (2013.01); **H02J 1/082** (2020.01); **Y02T 10/70** (2013.01)

Citation (search report)

See references of WO 2004054066A1

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

DOCDB simple family (publication)

**FR 2848033 A1 20040604**; **FR 2848033 B1 20080829**; EP 1568115 A1 20050831; WO 2004054066 A1 20040624

DOCDB simple family (application)

**FR 0215188 A 20021203**; EP 03796131 A 20031202; FR 0303553 W 20031202