

Title (en)

POWER SUPPLY SYSTEM FOR AN ELECTRIC MOTOR VEHICLE WITH TWO BATTERIES

Title (de)

STROMVERSORGUNGSSYSTEME FÜR EIN ELEKTROMOTORFAHRZEUG MIT ZWEI BATTERIEN

Title (fr)

SYSTEME D ALIMENTATION ELECTRIQUE D UN VEHICULE AUTOMOB ILE ELECTRIQUE A DEUX BATTERIES

Publication

EP 1675744 A2 20060705 (FR)

Application

EP 04805260 A 20041021

Priority

- FR 2004002696 W 20041021
- FR 0350720 A 20031022

Abstract (en)

[origin: FR2861338A1] The system has two rechargeable batteries (5, 6) to supply an electrical motor (3) and an electrical accessory (4) e.g. air conditioner, of a motor vehicle, respectively. The two batteries are connected in parallel to the motor through a switch gear which switches the supply current between the two batteries. An external power charger is provided to the rechargeable battery (5). Independent claims are also included for the following: (a) a process of controlling an electrical power supply system for a motor vehicle (b) a motor vehicle including an electrical power supply system.

IPC 1-7

B60L 11/18

IPC 8 full level

B60L 1/00 (2006.01); **B60L 11/18** (2006.01); **H02J 1/08** (2006.01)

CPC (source: EP US)

B60L 1/003 (2013.01 - EP US); **B60L 53/11** (2019.01 - EP US); **B60L 53/14** (2019.01 - EP US); **B60L 58/21** (2019.01 - EP US); **H02J 1/08** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/12** (2013.01 - US); **Y02T 90/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2005039918A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2861338 A1 20050429; **FR 2861338 B1 20060224**; CN 1871146 A 20061129; CN 1871146 B 20110824; EP 1675744 A2 20060705; US 2007069586 A1 20070329; US 7667416 B2 20100223; WO 2005039918 A2 20050506; WO 2005039918 A3 20050616; WO 2005039918 B1 20050811

DOCDB simple family (application)

FR 0350720 A 20031022; CN 200480030980 A 20041021; EP 04805260 A 20041021; FR 2004002696 W 20041021; US 57665004 A 20041021