

Title (en)  
STRATEGIC MANAGEMENT OF AN ELECTRIC POWER SUPPLY UNIT OF A VEHICLE BASED ON INFORMATION REGARDING THE UTILITY BATTERY

Title (de)  
STRATEGISCHE VERWALTUNG EINER STROMVERSORGUNGSEINHEIT EINES FAHRZEUGS AUF BASIS VON INFORMATIONEN BEZÜGLICH DER NUTZBATTERIE

Title (fr)  
GESTION STRATÉGIQUE D'UN GROUPE D'ALIMENTATION ÉLECTRIQUE D'UN VÉHICULE EN FONCTION D'INFORMATIONS CONCERNANT LA BATTERIE DE SERVITUDE

Publication  
**EP 4330068 A1 20240306 (FR)**

Application  
**EP 22713973 A 20220310**

Priority  
• FR 2104532 A 20210430  
• FR 2022050429 W 20220310

Abstract (en)  
[origin: WO2022229524A1] A management device (DG) is fitted in a vehicle (V) comprising an on-board network (RB) supplied with electric energy by a power supply unit comprising a rechargeable utility battery (BS), and comprising a processor and at least one memory determining an energy management mode for the power supply unit based on first current information relating to the utility battery (BS), and then a type of regulation to be applied in order to control a state of charge of the utility battery (BS) based on this determined energy management mode, and then a type of voltage regulation loop for the utility battery (BS) based on this determined type of regulation.

IPC 8 full level  
**B60L 1/00** (2006.01); **B60L 58/12** (2019.01); **B60L 58/24** (2019.01)

CPC (source: EP)  
**B60L 1/00** (2013.01); **B60L 58/12** (2019.02); **B60L 58/24** (2019.02); **B60L 2240/545** (2013.01); **B60L 2240/547** (2013.01)

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Designated extension state (EPC)  
BA ME

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**WO 2022229524 A1 20221103**; CN 117295631 A 20231226; EP 4330068 A1 20240306; FR 3122367 A1 20221104

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**FR 2022050429 W 20220310**; CN 202280031842 A 20220310; EP 22713973 A 20220310; FR 2104532 A 20210430