

Title (en)

MANAGEMENT OF A VOLTAGE CONVERTER CONTROL UNIT FOR A MOTOR VEHICLE

Title (de)

VERWALTUNG EINER SPANNUNGSWANDLER-STEUEREINHEIT FÜR EIN KRAFTFAHRZEUG

Title (fr)

GESTION D'UNE UNITÉ DE CONTRÔLE D'UN CONVERTISSEUR DE TENSION POUR VÉHICULE AUTOMOBILE

Publication

EP 4359249 A1 20240501 (FR)

Application

EP 22722862 A 20220419

Priority

- FR 2106599 A 20210622
- FR 2022050731 W 20220419

Abstract (en)

[origin: WO2022269145A1] The invention relates to a method for operating a voltage converter control unit (4) enabling control of the charging of a high-voltage battery (3) of an electrified motor vehicle (1). Such an operating method involves a step of verifying that various computers of the electrified motor vehicle (1) are in an awakened condition so as to activate electrical polarisation thereof by the high-voltage electric battery (3) in the status wherein charging is complete and the level of charge is sufficient, and prevent operation thereof if that status is not achieved.

IPC 8 full level

B60L 53/20 (2019.01); **B60L 58/14** (2019.01); **B60L 58/20** (2019.01)

CPC (source: EP)

B60L 53/20 (2019.02); **B60L 58/14** (2019.02); **B60L 58/20** (2019.02); **B60L 2240/547** (2013.01); **B60L 2240/80** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3124129 A1 20221223; EP 4359249 A1 20240501; WO 2022269145 A1 20221229

DOCDB simple family (application)

FR 2106599 A 20210622; EP 22722862 A 20220419; FR 2022050731 W 20220419