

Title (en)
ELECTRIC DEVICE FOR ENERGY CONTROL

Title (de)
ELEKTRISCHE VORRICHTUNG ZUR ENERGIESTEUERUNG

Title (fr)
DISPOSITIF ELECTRIQUE DE GESTION ENERGETIQUE

Publication
EP 4041592 A1 20220817 (FR)

Application
EP 20781599 A 20201007

Priority
• FR 1911083 A 20191007
• EP 2020078147 W 20201007

Abstract (en)
[origin: WO2021069509A1] Electric device for energy control, comprising a measuring device which comprises a current sensor that is configured to measure an electric current at the power output of a low-voltage electric meter, a voltage sensor which is configured to measure an electric voltage at the power output of the low-voltage electric meter, and a power calculation unit which receives a current information item from the current sensor and a voltage information item from the voltage sensor, and being configured to calculate the electric power consumed at the power output of the electric meter; and a control member which receives an information item concerning the electric power consumed from the power calculation unit, calculating the difference between the electric power information item and a preceding value, comparing the absolute value of the difference with a threshold, in the event of an absolute value of the difference being less than the threshold remaining idle and in the event of an absolute value of the difference being greater than the threshold outputting a message containing a power value to a terminal for recharging an electrical energy storage battery, the recharging terminal being remote from the measuring member and the control member, the preceding value being the power value contained in the preceding message.

IPC 8 full level
B60L 53/62 (2019.01); **B60L 53/63** (2019.01)

CPC (source: EP US)
B60L 53/62 (2019.01 - EP US); **B60L 53/63** (2019.01 - EP US); **B60L 53/665** (2019.01 - EP US); **Y02E 60/00** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y04S 10/126** (2013.01 - EP); **Y04S 30/14** (2013.01 - EP)

Citation (search report)
See references of WO 2021069509A1

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

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DOCDB simple family (publication)
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