

Title (en)  
SYSTEM AND METHOD FOR CONTROLLING THE RECHARGING OF A BATTERY

Title (de)  
SYSTEM UND VERFAHREN ZUR STEUERUNG DES AUFLADEVORGANGS EINER BATTERIE

Title (fr)  
SYSTEME ET PROCEDE DE GESTION DE RECHARGE D'UNE BATTERIE

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Application  
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Abstract (en)  
[origin: WO2010094875A1] The present invention relates to a system for controlling the recharging of a battery that stores electrical power supply energy (5) for an electrical or hybrid vehicle traction system in the immobilized phase. According to the invention, it comprises: - a data interface (1), - an electronic battery control computer (4), this computer being connected in parallel to the battery (5) and to battery recharging means (6, 7), - a vehicle supervisor (3) connecting the data interface (1) to the electronic battery control computer (4) via an intelligent peripherals unit BSI (2), - said electronic battery control computer (4) comprising means of receiving data emitted from the data interface (1) via the vehicle supervisor (3) and the intelligent peripherals unit BSI (2), data processing means for determining a length of time for which the vehicle has been immobilized from this data and determining the time taken to fully charge the battery from the initial battery charge level and means for programming charging setpoints for the charging of the battery (6, 7) as a function of the time of immobilization with respect to the charging time so that the battery reaches the highest level of charge just before it is used so that it remains in a state of low or lowest charge for the longest possible length of time while in storage.

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