

Title (en)
METHOD AND SYSTEM FOR CONTROLLING A MOTOR VEHICLE ALTERNATOR, AND MOTOR VEHICLE ALTERNATOR INCLUDING SUCH A SYSTEM

Title (de)
VERFAHREN UND SYSTEM ZUR STEUERUNG EINER KRAFTFAHRZEUGLICHTMASCHINE UND KRAFTFAHRZEUGLICHTMASCHINE MIT EINEM SOLCHEN SYSTEM

Title (fr)
PROCEDE ET SYSTEME DE REGULATION D'UN ALTERNATEUR DE VEHICULE AUTOMOBILE, ET ALTERNATEUR DE VEHICULE AUTOMOBILE COMPRENANT UN TEL SYSTEME

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Abstract (en)
[origin: WO2013083902A2] The present invention relates to a method for controlling a motor vehicle alternator, in which an error value, resulting from the comparison between the voltage produced by the alternator and a set value, is processed in a filtering means by applying a transfer function, which determines a gain to be associated with the error value on the basis of the rotational frequency of the alternator, in order to control the adjustment of the field current allowed by the alternator. The transfer function of the filtering means is modified on the basis of the rotational speed of the alternator by attenuating the gain over a given frequency range when said rotational speed decreases.

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