

Title (en)

METHOD AND SYSTEM FOR MONITORING THE PROGRESSIVE CHARGING OF AN AUTOMOBILE ALTERNATOR, AND AUTOMOBILE ALTERNATOR COMPRISING SUCH A SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR ÜBERWACHUNG DES PROGRESSIVEN LADENS DER LICHTMASCHINE EINES KRAFTFAHRZEUGS UND LICHTMASCHINE EINES KRAFTFAHRZEUGS MIT EINEM SOLCHEN SYSTEM

Title (fr)

PROCEDE ET SYSTEME DE CONTROLE DE LA CHARGE PROGRESSIVE D'UN ALTERNATEUR DE VEHICULE AUTOMOBILE, ET ALTERNATEUR DE VEHICULE AUTOMOBILE COMPRENANT UN TEL SYSTEME

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Application

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Abstract (en)

[origin: WO2013041793A1] The method according to the invention relates to monitoring the progressive charging of a vehicle alternator intended to be connected to a vehicle heat engine and capable of producing a supply voltage for a network onboard the vehicle. The method according to the invention involves limiting the charging of the alternator by only authorizing progressive augmentation of a current duty cycle (DC_EXC) of an excitation signal (7) of the alternator from an initial duty cycle to an expected duty cycle (DC_E) calculated by a control loop of the alternator. According to the invention, a spectrum of frequencies of the expected duty cycle (DC_E) is limited (filter 19) to a bandwidth of the control cycle.

IPC 8 full level

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