

Title (en)  
METHOD OF MANAGING THE ENERGY CONSUMED BY AN AUTOMOTIVE VEHICLE AND SYSTEM IMPLEMENTING SUCH A METHOD

Title (de)  
VERFAHREN ZUR VERWALTUNG DES STROMVERBRAUCHS EINES KRAFTFAHRZEUGS UND SYSTEM ZUR DURCHFÜHRUNG DIESES VERFAHRENS

Title (fr)  
PROCEDE DE GESTION DE L'ENERGIE CONSOMMEE PAR UN VEHICULE AUTOMOBILE ET SYSTEME METTANT EN OEUVRE UN TEL PROCEDE

Publication  
**EP 2872358 A1 20150520 (FR)**

Appication  
**EP 13739633 A 20130710**

Priority  
• FR 1256729 A 20120712  
• EP 2013064557 W 20130710

Abstract (en)  
[origin: WO2014009405A1] The invention relates to a method of managing the energy consumed by an automotive vehicle, in particular an electric vehicle. The method uses at least: - a simulation unit incorporating a vehicle model predicting the behaviour of said vehicle and a driver model predicting the behaviour of the driver of said vehicle, said driver model receiving as input a speed setpoint to be attained (31) and the speed of said vehicle measured (32) at successive instants and providing a motor torque setpoint (33) to said vehicle model (3) dependent on said speeds (31, 32) and on the behaviour of the driver modelled; - an optimization algorithm cooperating with said simulation unit; said method presenting a set of trajectories which is composed of the trajectory of said speed setpoint and of at least the trajectory of a setpoint to control an auxiliary item of equipment, the trajectory of a setpoint describing the evolution of said setpoint as a function of the position of the vehicle, said trajectories being calculated with respect to given objectives according to said optimization algorithm whose variables are formed of said setpoints.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)  
See references of WO 2014009405A1

Cited by  
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