Title (en)

METHOD FOR COMPENSATING FOR NO-LOAD LOSSES IN AN ELECTRIC VEHICLE, COMPUTER PROGRAM PRODUCT, DATA CARRIER, AND ELECTRIC VEHICLE

Title (de)

VERFAHREN ZUM KOMPENSIEREN VON LEERLAUFVERLUSTEN IN EINEM ELEKTROFAHRZEUG, COMPUTERPROGRAMMPRODUKT, DATENTRÄGER UND ELEKTROFAHRZEUG

Title (fr)

PROCÉDÉ POUR COMPENSER LES PERTES DE FONCTIONNEMENT AU RALENTI DANS UN VÉHICULE ÉLECTRIQUE, PRODUIT DE PROGRAMME INFORMATIQUE, SUPPORT DE DONNÉES ET VÉHICULE ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2018184877A1] The present invention relates to a method for compensating for no-load losses in an electric vehicle (1000a; 1000b) comprising a first drive unit (20) in the form of an electric machine which is supplied with power by at least one battery (50) of the electric vehicle (1000a;1000b) for driving the electric vehicle (1000a; 1000b), and a second drive unit (30; 40) for driving the electric vehicle (1000a; 1000b). In a no-load operation of the first drive unit (20), in which the first drive unit (20) is to provide neither a positive nor a negative moment, the no-load losses at the first drive unit (20) are compensated for to a different degree, depending on predictive route data and/or vehicle data of the electric vehicle (1000a; 1000b). The invention further relates to a computer program product (10) for carrying out the method according to the invention, to a data carrier (100) on which the computer program product (10) is stored, and to an electric vehicle (1000a; 1000b).

IPC 8 full level

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