

Title (en)

VEHICLE COMPRISING AN ELECTRICALLY CONDUCTIVE VEHICLE PART THAT CAN BE USED AS A RESISTOR ELEMENT FOR CONVERTING ELECTRICAL ENERGY INTO HEAT

Title (de)

FAHRZEUG AUFWEISEND EINEN ALS WIDERSTANDSELEMENT ZUR WANDLUNG ELEKTRISCHER ENERGIE IN WÄRME VERWENDBAREN ELEKTRISCH LEITENDEN FAHRZEUGTEIL

Title (fr)

VÉHICULE PRÉSENTANT UNE PIÈCE DE VÉHICULE ÉLECTROCONDUCTRICE POUVANT ÊTRE UTILISÉE COMME ÉLÉMENT DE RÉSISTANCE POUR CONVERTIR DE L'ÉNERGIE ÉLECTRIQUE EN CHALEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020260112A1] The invention relates to a vehicle, preferably a commercial vehicle, a tour coach or a city bus. The electrically drivable vehicle (1) comprises an electric machine (2) that can be operated as a generator, an accumulator for electrical energy (3), an electrically conductive vehicle part, and a control device (5). The accumulator for electrical energy (3) is designed to receive electrical energy (4) from the electric machine (2) and/or to deliver electrical energy (4) to the electric machine (2). The control device (5) is designed, when at least one predetermined energy-dissipation condition is met, to divert electrical energy (4) generated when the electric machine (2) is being operated as a generator to the electrically conductive vehicle part for conversion into thermal energy, wherein the electrically conductive vehicle part is a vehicle frame (6) and/or a vehicle body (7) and/or a bodywork (8).

IPC 8 full level

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