

Title (en)  
EXHAUST GAS HEAT UTILIZATION IN MOTOR VEHICLES

Title (de)  
ABGASWÄRMENUTZUNG IN KRAFTFAHRZEUGEN

Title (fr)  
UTILISATION DE LA CHALEUR DES GAZ D'ÉCHAPPEMENT DANS DES VÉHICULES À MOTEUR

Publication  
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Application  
**EP 10712331 A 20100324**

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Abstract (en)  
[origin: WO2010130317A2] The invention relates to an exhaust gas heat utilization device (1) in a motor vehicle using an exhaust gas heat utilization cycle (2) in which a working temperature of a working fluid of the exhaust gas heat utilisation cycle (2) is controlled. The working temperature (T1, T2, T3) is controlled by adapting a mass flow of the working fluid flowing through the heat exchanger (5) of the exhaust gas heat utilisation cycle (2) such that a maximum permitted working temperature, in particular the decomposition temperature, of the working fluid is not exceeded.

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