

Title (en)

METHOD AND DEVICE FOR OPERATING A HEAT EXCHANGER SYSTEM FOR A MOTOR VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINES WÄRMETAUSCHERSYSTEMS FÜR EIN KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN SYSTÈME ÉCHANGEUR DE CHALEUR DANS UN VÉHICULE À MOTEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009089827A1] The invention relates to a method and to an associated device for operating a heat exchanger system for a motor vehicle. According to the invention, during the warm-up phase of the internal combustion engine and upon exceeding a maximum permissible coolant temperature the cooling medium present in the waste gas heat exchanger is displaced by a gas current from the waste gas heat exchanger, and that the gas remains in the waste gas heat exchanger during the warm-up phase until the light-off temperature of the catalyst has been reached and if the maximum permissible coolant temperature is exceeded until a permissible coolant temperature has been reached. After the light-off temperature of the catalyst has been reached, or after the maximum permissible coolant temperature is no longer met, the waste gas heat exchanger is vented and thereafter a cooling medium that is heated in the indirect heat exchange with the waste gases of the internal combustion engine is supplied to the waste gas heat exchanger.

IPC 8 full level

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