

Title (en)
AIR-CONDITIONING INSTALLATION

Title (de)
KLIMAANLAGE

Title (fr)
INSTALLATION D'AIR CLIMATISE

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Application
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Abstract (en)
[origin: WO2005110784A1] The invention relates to an air-conditioning installation (10) for a motor vehicle comprising an internal combustion engine (12), said installation essentially comprising a heating heat exchanger (38), an evaporator (40), and an exhaust gas heat exchanger (22, 78) in a coolant circuit (26). During the heating operation, the coolant heated in the exhaust gas heat exchanger (22,78) is guided over the heating heat exchanger (38), and during the cooling operation, it is guided over an expansion device (46) and an evaporator (40) once it has been cooled in an environment heat exchanger (44). According to the invention, the coolant is low-boiling, and once it has passed through the exhaust gas heat exchanger (22, 78), it is supplied as a motive agent to at least one device (30, 42) for transporting the coolant.

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