

Title (en)
HEATING/COOLING DEVICE AND METHOD FOR OPERATING A HEATING/COOLING DEVICE

Title (de)
HEIZ-/KÜHLEINRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER HEIZ-/KÜHLEINRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE/REFROIDISSEMENT ET SON PROCÉDÉ DE FONCTIONNEMENT

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Application
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Abstract (en)
[origin: WO2012025099A1] The invention relates to a heating/cooling device (1) for vehicles, in particular motor vehicles, comprising a compressor (3), a refrigerant circuit (5), a gas cooler (7), an evaporator (9), and an expansion valve (37) arranged in the refrigerant circuit (5) between the gas cooler (7) and the evaporator (9). The heating/cooling device (1) is characterized in that the gas cooler (7) or the evaporator (9) is coupled to a liquid coolant circuit (13, 23), which interacts with an interior heat exchanger (19) or an exterior-air heat exchanger (27) or in that the gas cooler (7) and the evaporator (9) are each coupled to a separate liquid coolant circuit (13, 23), one of the liquid coolant circuits (13, 23) interacting with the interior heat exchanger (19) and the other liquid coolant circuit (23, 13) interacting with the exterior-air heat exchanger (27).

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