

Title (en)

AIR-CONDITIONING LOOP PROVIDED WITH A SOLENOID VALVE AND OPERATING AS A HEAT PUMP

Title (de)

KLIMATISIERUNGSKREIS MIT EINEM MAGNETVENTIL UND BETRIEB ALS WÄRMEPUMPE

Title (fr)

BOUCLE DE CLIMATISATION MUNIE D'ÉLECTROVANNE ET FONCTIONNANT COMME POMPE À CHALEUR.

Publication

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Application

EP 11781823 A 20111115

Priority

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Abstract (en)

[origin: WO2012065972A1] The invention relates to an automobile air-conditioning loop (1) in which a refrigerant flows, the air-conditioning loop being capable of operating as a heat pump and including: a compressor (2); a first solenoid valve (4) connected to the compressor (2), to a radiator (8), and to an external heat exchanger (10), the radiator (8) being connected to the external heat exchanger (10) via a first pressure-release device (12) and to an evaporator (14) via a second pressure-release device (20), wherein the evaporator (14) is connected to the compressor (2), and the external heat exchanger (10) is connected to the compressor (2) and to the evaporator (14) via a second solenoid valve (22), characterized in that the external heat exchanger (10), the first solenoid valve (4), and the second solenoid valve (22) constitute a unitary part.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012065972A1

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