

Title (en)

METHOD OF DETECTING A REFRIGERANT LOSS

Title (de)

VERFAHREN ZUR DETEKTION EINES KÄLTEMITTELVERLUSTS

Title (fr)

PROCÉDÉ DE DÉTECTION D'UNE PERTE DE RÉFRIGÉRANT

Publication

EP 4006454 B1 20230315 (EN)

Application

EP 20209861 A 20201125

Priority

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Abstract (en)

[origin: EP4006454A1] Refrigerant loss. A method of detecting a loss of refrigerant from a refrigerant circuit (1) comprising a compressor (5) and an evaporator (4) having an outlet port and an expansion valve (3) having an inlet port and an outlet port, the refrigerant circuit (1) comprising a first sensor (7) for recording a thermodynamic state of the refrigerant at the inlet port of the expansion valve (3) and a third sensor (8) for recording a thermodynamic state of the refrigerant at the outlet port of the expansion valve (3), and a second sensor (9) for recording a thermodynamic state of the refrigerant at the outlet port of the at least one evaporator (4), the method comprising the steps of: recording a first signal indicative of a thermodynamic state of the refrigerant; recording a fourth signal indicative of a thermodynamic state of the refrigerant.

IPC 8 full level

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CPC (source: EP)

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