

Title (en)

REFRIGERANT CIRCUIT DESIGNED FOR THERMAL CONTROL OF AN ENERGY SOURCE

Title (de)

KÄLTEMITTELKREISLAUF FÜR WÄRMESTEUERUNG EINER ENERGIEQUELLE

Title (fr)

CIRCUIT DE FLUIDE RÉFRIGÉRANT AGENCÉ POUR CONTRÔLER THERMIQUEMENT UNE SOURCE D'ÉNERGIE

Publication

**EP 3458783 A1 20190327 (FR)**

Application

**EP 17720855 A 20170407**

Priority

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- FR 2017050838 W 20170407

Abstract (en)

[origin: WO2017198919A1] The invention relates to a refrigerant circuit (19) in which a refrigerant is able to circulate, the refrigerant circuit (1) comprising at least one first heat exchanger (6) and at least one second heat exchanger (9), characterized in that the refrigerant circuit (1) comprises a first leg (13) provided with a first expansion device (2), the first leg (13) comprising a branch point (16) common to a second leg (14) and to a third leg (15), the second leg (14) being provided with a second expansion device (3) and with the first heat exchanger (6), the second expansion device (3) being interposed between the branch point (16) and the first heat exchanger (6), the third leg (15) being provided with the second heat exchanger (9) and with a first expansion member (12), the second heat exchanger (9) being interposed between the branch point (16) and the first expansion member (12). Said invention is applicable to motor vehicles.

IPC 8 full level

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