

Title (en)
REFRIGERATION CIRCUIT WITH HEAT RECOVERY MODULE AND A METHOD OF OPERATING THE SAME

Title (de)
KÄLTEKREISLAUF MIT WÄRMERÜCKGEWINNUNGSMODUL UND EIN VERFAHREN ZUM BETRIEB EINES SOLCHEN KÄLTEKREISLAUFS

Title (fr)
CIRCUIT DE RÉFRIGÉRATION AVEC MODULE DE RÉCUPÉRATION DE CHALEUR ET PROCÉDÉ POUR OPÉRER UN TEL CIRCUIT DE RÉFRIGÉRATION

Publication
EP 3047218 B1 20210428 (EN)

Application
EP 13763104 A 20130919

Priority
EP 2013069510 W 20130919

Abstract (en)
[origin: WO2015039688A1] A refrigeration circuit (1) configured for circulating a refrigerant and comprises in the direction of flow of the refrigerant: at least one compressor (2a, 2b, 2c, 2d); at least one heat recovery heat exchanger (4); at least one gas cooler/condenser (10); at least one evaporator associated expansion device (18); at least one receiver (14); and at least one evaporator (20). The refrigeration circuit (1) further comprises a gas/liquid separator (8) having a refrigerant inlet line (7) fluidly connected to an outlet-side of the at least one heat recovery heat exchanger (4); an gaseous phase outlet line (9) fluidly connected to an inlet side of the at least one gas cooler/condenser (10); and an liquid phase outlet line (13) fluidly connected to the receiver (14).

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F25B 43/00 (2006.01)

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