

Title (en)

METHOD AND DEVICE FOR THE HIGH-RATE CHARGING OF A SHUT DOWN REFRIGERATION CIRCUIT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HOCHRATIGEN AUFLADUNG EINES AUSGESCHALTETEN KÄLTEKREISLAUFS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE REMPLISSAGE À HAUTE CADENCE D'UN CIRCUIT FRIGORIFIQUE À L'ARRÊT

Publication

EP 2912388 A1 20150902 (FR)

Application

EP 13783549 A 20131025

Priority

- FR 1260268 A 20121026
- FR 1261748 A 20121206
- EP 2013072439 W 20131025

Abstract (en)

[origin: WO2014064270A1] Method and corresponding device for the high-rate charging of a shut down refrigeration circuit 1 using a refrigerant mixture containing at least a first refrigerant fluid 28, 29 and at least an inorganic refrigerant fluid 27, the first refrigerant fluid 28, 29 containing at least one fluorinated hydrocarbon derivative 28, 29, and involving the following steps: preparing the refrigerant mixture in situ in a mixing device 31, 32, by making the first refrigerant fluid 28, 29 available in liquid phase, and adding the inorganic refrigerant fluid 27 to the first refrigerant fluid 28, 29 so as to obtain a homogeneous refrigerant mixture, - charging the refrigeration circuit 1 by injecting the refrigerant mixture prepared in the mixing device 31, 32.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

See references of WO 2014064270A1

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