

Title (en)
REFRIGERANT AND NITROGEN RECOVERY

Title (de)
KÄLTEMITTEL- UND STICKSTOFFRÜCKGEWINNUNG

Title (fr)
RÉCUPÉRATION DE FLUIDE FRIGORIGÈNE ET D'AZOTE

Publication
EP 3673219 A1 20200701 (EN)

Application
EP 18849226 A 20180821

Priority
• US 201762548163 P 20170821
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• US 2018047371 W 20180821

Abstract (en)
[origin: US2019056175A1] Systems, devices, and methods for recovering mixed refrigerant and/or nitrogen within liquefaction systems are provided. The systems, devices, and methods facilitate recovering mixed refrigerant (MR) and/or nitrogen vapor that can leak from a compressor, separating the MR from the nitrogen, and reusing the MR and/or the nitrogen within the liquefaction system. Recovering and reusing MR and/or nitrogen can minimize loss of MR and nitrogen which can lower the total operating cost of a liquefaction system. Additionally, recovering the MR, rather than burning it, can reduce environmental emissions by reducing the amount of MR that is burned.

IPC 8 full level
F25J 1/00 (2006.01); **F25J 1/02** (2006.01)

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Designated contracting state (EPC)
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