

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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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  
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CPC (source: EP KR US)  
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