

Title (en)
REFRIGERATION SYSTEM

Title (de)
KÜHLSYSTEM

Title (fr)
SYSTÈME DE RÉFRIGÉRATION

Publication
EP 3881012 A1 20210922 (EN)

Application
EP 19802411 A 20191023

Priority
• CN 201811338236 A 20181112
• US 2019057536 W 20191023

Abstract (en)
[origin: WO2020101846A1] A refrigeration system is disclosed by the present disclosure. The refrigeration system comprises an injector pump having a primary inlet, a secondary inlet and an outlet, wherein the primary inlet is configured to connect to an exhaust port of the compressor, a portion of the refrigerant exiting the liquid outlet of a first gas-liquid separation device enters the injector pump, and the outlet is connected to the first gas-liquid separation device via a pipeline. By replacing the conventional refrigerant pump with the injector pump, the present application is capable of substantially reducing the cost of the system, and has the characteristics of energy saving and high efficiency.

IPC 8 full level
F25B 9/08 (2006.01); **F25B 1/10** (2006.01); **F25B 5/02** (2006.01); **F25B 9/00** (2006.01)

CPC (source: CN EP)
F25B 1/08 (2013.01 - CN); **F25B 1/10** (2013.01 - EP); **F25B 5/02** (2013.01 - EP); **F25B 9/008** (2013.01 - EP); **F25B 9/08** (2013.01 - EP); **F25B 43/00** (2013.01 - CN); **F25B 2341/0014** (2013.01 - EP); **F25B 2341/0015** (2013.01 - EP); **F25B 2400/13** (2013.01 - EP); **F25B 2400/23** (2013.01 - EP)

Citation (search report)
See references of WO 2020101846A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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