

Title (en)  
REFRIGERATION CYCLE APPARATUS

Title (de)  
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)  
APPAREIL À CYCLE DE RÉFRIGÉRATION

Publication  
**EP 3040653 A1 20160706 (EN)**

Application  
**EP 13892679 A 20130830**

Priority  
JP 2013073257 W 20130830

Abstract (en)  
A refrigeration cycle apparatus 1 includes a main circuit 10 connecting at least a compressor 11, a gas cooler 12, a pressure reducing device 13, and an evaporator 14 by a pipe and configured to circulate refrigerant transitioning to a supercritical state at a high-pressure side; a pressure detector configured to detect refrigerant pressure in a part of the main circuit 10 between the compressor 11 and the gas cooler 12; and a pulsation suppression unit configured to suppress pulsation of the refrigerant pressure to be detected by the pressure detector.

IPC 8 full level  
**F25B 49/02** (2006.01); **F25B 1/00** (2006.01)

CPC (source: EP US)  
**F25B 41/20** (2021.01 - EP US); **F25B 41/24** (2021.01 - EP US); **F25B 41/42** (2021.01 - EP US); **F25B 49/02** (2013.01 - EP US); **F25B 9/008** (2013.01 - EP); **F25B 40/00** (2013.01 - EP); **F25B 2309/061** (2013.01 - EP); **F25B 2400/04** (2013.01 - EP); **F25B 2400/0403** (2013.01 - EP); **F25B 2400/054** (2013.01 - EP); **F25B 2500/12** (2013.01 - EP); **F25B 2600/2501** (2013.01 - EP); **F25B 2700/1931** (2013.01 - EP)

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