Title (en)
REFRIGERATION APPARATUS

Title (de)
KÜHLVORRICHTUNG

Title (fr)
APPAREIL DE RÉFRIGÉRATION

Publication
EP 3872419 A1 20210901 (EN)

Application
EP 21159101 A 20210224

Priority
JP 2020033215 A 20200228

Abstract (en)
The refrigeration apparatus performs the cooling operation by using a refrigerant circuit in which a refrigerant circulates through a compressor, a condenser, an expansion apparatus, and an evaporator in this order. The refrigeration apparatus includes: a pressure sensor that detects a pressure value of the refrigerant; and a control device that controls a flow of the refrigerant. In a case where the cooling operation is not performed, the control device starts recovery of the refrigerant within the evaporator when the pressure value of the refrigerant detected by the pressure sensor becomes greater than or equal to a first predetermined pressure value. The first predetermined pressure value is set to a value higher than a range of the pressure value detected by the pressure sensor in a case where the cooling operation is performed.

IPC 8 full level
F25B 9/00 (2006.01); **F25B 41/24** (2021.01); **F25B 45/00** (2006.01); **F25B 49/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP)
F25B 9/008 (2013.01); **F25B 41/24** (2021.01); **F25B 45/00** (2013.01); **F25B 49/005** (2013.01); **F25B 49/02** (2013.01); F25B 2400/19 (2013.01); F25B 2500/06 (2013.01); F25B 2600/2519 (2013.01); F25B 2700/197 (2013.01)

Citation (search report)
- [X] US 2019331374 A1 20191031 - XUE JUN [JP], et al
- [A] JP 2014070783 A 20140421 - PANASONIC CORP
- [A] EP 3361185 A1 20180815 - MITSUBISHI ELECTRIC CORP [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3872419 A1 20210901; JP 2021135020 A 20210913; JP 7482438 B2 20240514

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