

Title (en)
REFRIGERATED WAREHOUSE

Title (de)
GEKÜHLTES LAGER

Title (fr)
ENTREPÔT RÉFRIGÉRÉ

Publication
EP 3569955 A4 20191225 (EN)

Application
EP 17891439 A 20170111

Priority
JP 2017000593 W 20170111

Abstract (en)
[origin: EP3569955A1] A cooling warehouse includes a warehouse main body in which an introduction port through which air outside the cooling warehouse is introduced and a discharge port through which air inside the cooling warehouse is discharged are formed, an air-sending device that introduces air outside the cooling warehouse to an inside of the cooling warehouse and discharges air inside the cooling warehouse to an outside of the cooling warehouse, a plurality of leakage detectors that are provided at different heights in the cooling warehouse and each detect refrigerant, and a controller that controls the air-sending device depending on whether or not one of the plurality of leakage detectors detects refrigerant, whether or not another of the plurality of leakage detectors detects refrigerant, and a time during which refrigerant has been detected by each of the plurality of leakage detectors.

IPC 8 full level
F24F 11/36 (2018.01); **F25D 13/00** (2006.01)

CPC (source: EP US)
F24F 11/36 (2017.12 - EP); **F25B 41/24** (2021.01 - EP US); **F25B 49/005** (2013.01 - EP); **F25B 49/02** (2013.01 - EP); **F25D 29/008** (2013.01 - EP)

Citation (search report)

- [A] WO 2016080050 A1 20160526 - MITSUBISHI ELECTRIC CORP [JP]
- [A] US 6772598 B1 20040810 - RINEHART CHARLIE M [US]
- [A] WO 2013038703 A1 20130321 - PANASONIC CORP [JP], et al
- [A] WO 2015194596 A1 20151223 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2018131085A1

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 3569955 A1 20191120; EP 3569955 A4 20191225; EP 3569955 B1 20210519; JP 6689413 B2 20200428; JP WO2018131085 A1 20190808; WO 2018131085 A1 20180719

DOCDB simple family (application)
EP 17891439 A 20170111; JP 2017000593 W 20170111; JP 2018561129 A 20170111