

Title (en)
OUTDOOR EQUIPMENT FOR REFRIGERATION CYCLE DEVICE

Title (de)
AUSSENAUSRÜSTUNG UND KÜHLZYKLUSVORRICHTUNG

Title (fr)
ÉQUIPEMENT D'EXTÉRIEUR POUR DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication
EP 3147579 A4 20180131 (EN)

Application
EP 15785758 A 20150427

Priority
• JP 2014095230 A 20140502
• JP 2015062714 W 20150427

Abstract (en)
[origin: EP3147579A1] An outdoor unit of a refrigerating cycle apparatus includes an outdoor unit body (2). A storage case (20) in which circuit components (33, 34) are accommodated is arranged inside the outdoor unit body (2). The storage case (20) includes a bottom plate (31) positioned below the circuit components (33, 34). The bottom plate (31) of the storage case (20) is provided with a drain passage (51). The drain passage (51) is configured to discharge water produced within the storage case (20) by a condensation phenomenon outside the storage case (20). By the above structure, the water produced within the storage case by the condensation phenomenon can be immediately discharged outside the storage case, and damage and malfunction of the circuit components can be prevented.

IPC 8 full level
F24F 1/36 (2011.01); **F24F 1/20** (2011.01); **F24F 1/22** (2011.01); **F24F 1/46** (2011.01)

CPC (source: EP)
F24F 1/20 (2013.01); **F24F 1/22** (2013.01); **F24F 1/36** (2013.01); **F24F 1/46** (2013.01)

Citation (search report)
• [X] WO 2013088713 A1 20130620 - DAIKIN IND LTD [JP]
• [X] EP 1985935 A1 20081029 - DAIKIN IND LTD [JP]
• [I] CN 203454294 U 20140226 - WUHU REFRIGERATION EQUIPMENT CO LTD OF MIDEA GROUP
• [A] EP 1143204 A2 20011010 - TECNOSYSTEMI S R L [IT]
• [A] WO 2014024405 A1 20140213 - TOSHIBA CARRIER CORP [JP]
• [A] JP 2008138941 A 20080619 - DAIKIN IND LTD
• See references of WO 2015166919A1

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

DOCDB simple family (publication)
EP 3147579 A1 20170329; **EP 3147579 A4 20180131**; **EP 3147579 B1 20210224**; CN 106233078 A 20161214; CN 106233078 B 20190531; JP 6251802 B2 20171220; JP WO2015166919 A1 20170420; WO 2015166919 A1 20151105

DOCDB simple family (application)
EP 15785758 A 20150427; CN 201580021663 A 20150427; JP 2015062714 W 20150427; JP 2016516375 A 20150427