

Title (en)
REFRIGERATION CYCLE DEVICE

Title (de)
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)
DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication
EP 2985550 A4 20161116 (EN)

Application
EP 14782935 A 20140204

Priority
• JP 2013080788 A 20130408
• JP 2014052512 W 20140204

Abstract (en)
[origin: US2015338136A1] In an outdoor unit of a refrigeration cycle apparatus, extension pipe connection valves are set on a valve base fixed to a partition plate and a machine chamber side panel, and an indication section is arranged on a surface of the valve base on a machine chamber front panel side. The indication section indicates, in addition to a name of refrigerant to be used, a refrigerant class, refrigerant properties, work environment guidelines, and information for access to the work environment guidelines.

IPC 8 full level
F25B 49/00 (2006.01); **F24F 1/32** (2011.01); **F24F 11/02** (2006.01); **F25B 13/00** (2006.01); **F25B 29/00** (2006.01); **F25B 41/40** (2021.01); **G09F 3/00** (2006.01)

CPC (source: EP US)
F24F 1/32 (2013.01 - EP US); **F25B 13/00** (2013.01 - EP US); **F25B 49/00** (2013.01 - US); **F25B 2313/006** (2013.01 - EP US); **F25B 2313/02741** (2013.01 - EP US)

Citation (search report)
• [XDYI] JP 2008040652 A 20080221 - MATSUSHITA ELECTRIC IND CO LTD
• [ID] JP H10311629 A 19981124 - SANYO ELECTRIC CO
• [Y] JP 2012193866 A 20121011 - MITSUBISHI ELECTRIC CORP
• [A] JP 2003233319 A 20030822 - MITSUBISHI ELECTRIC CORP
• [A] JP H10300249 A 19981113 - HITACHI LTD
• [A] JP H06273007 A 19940930 - HITACHI LTD
• See references of WO 2014167887A1

Cited by
EP4339529A1; DE102022123440A1

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)
US 2015338136 A1 20151126; AU 2014252016 A1 20150813; AU 2014252016 B2 20160414; AU 2016204549 A1 20160721; AU 2016204549 B2 20190711; BR 112015019136 A2 20170718; BR 112015019136 B1 20220419; CN 104101142 A 20141015; CN 104101142 B 20170111; CN 106766433 A 20170531; CN 203798045 U 20140827; EP 2985550 A1 20160217; EP 2985550 A4 20161116; JP 2014202451 A 20141027; JP 5697710 B2 20150408; MX 2015010652 A 20151215; SG 10201700661S A 20170330; SG 11201505223S A 20151029; WO 2014167887 A1 20141016

DOCDB simple family (application)
US 201414655427 A 20140204; AU 2014252016 A 20140204; AU 2016204549 A 20160630; BR 112015019136 A 20140204; CN 201410128754 A 20140401; CN 201420154653 U 20140401; CN 201611041640 A 20140401; EP 14782935 A 20140204; JP 2013080788 A 20130408; JP 2014052512 W 20140204; MX 2015010652 A 20140204; SG 10201700661S A 20140204; SG 11201505223S A 20140204