

Title (en)
OUTDOOR UNIT FOR REFRIGERATION APPARATUS

Title (de)
AUSSENEINHEIT FÜR EINE KÜHLVORRICHTUNG

Title (fr)
UNITÉ EXTÉRIEURE POUR APPAREIL DE RÉFRIGÉRATION

Publication
EP 2799788 B1 20170823 (EN)

Application
EP 12862960 A 20121226

Priority
• JP 2011290082 A 20111228
• JP 2012083579 W 20121226

Abstract (en)
[origin: EP2799788A1] To prevent corrosion of a bracket made of aluminum for attaching a heat exchanger made of aluminum. A bracket (40) made of aluminum is cooperatively fastened by a male screw (80) made of iron and an attachment plate (70) made of iron and is fixed to a blower chamber-side side panel (23) made of sheet steel. The outer diameter of the male screw (80) is smaller than the dimension of a through hole (43a) in the bracket (40). The bracket (40) made of aluminum is fastened via a resin cover (60) to the blower chamber-side side panel (23), and the bracket (40) made of aluminum is maintained by the resin cover (60) in a non-contact state in which the bracket (40) also does not contact the male screw (80) made of iron passing through the through hole (43a) in an attachment piece (43).

IPC 8 full level
F24F 1/16 (2011.01)

CPC (source: EP US)
F24F 1/16 (2013.01 - EP US); **F28F 1/128** (2013.01 - EP US); **F28F 9/00** (2013.01 - US); **F28F 9/002** (2013.01 - EP US); **F28F 9/007** (2013.01 - US); **F28F 9/0243** (2013.01 - EP US); **F28F 19/00** (2013.01 - EP US); **F28F 21/084** (2013.01 - EP US); **F28F 2215/12** (2013.01 - EP US)

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 2799788 A1 20141105; EP 2799788 A4 20141224; EP 2799788 B1 20170823; AU 2012361651 A1 20140814; AU 2012361651 B2 20141009; BR 112014016010 A2 20170613; BR 112014016010 A8 20170704; BR 112014016010 B1 20210420; CN 104024745 A 20140903; CN 104024745 B 20150415; ES 2641692 T3 20171113; JP 2013139927 A 20130718; JP 5263381 B2 20130814; KR 101441283 B1 20140917; KR 20140100582 A 20140814; US 2015041101 A1 20150212; WO 2013099908 A1 20130704

DOCDB simple family (application)
EP 12862960 A 20121226; AU 2012361651 A 20121226; BR 112014016010 A 20121226; CN 201280065153 A 20121226; ES 12862960 T 20121226; JP 2011290082 A 20111228; JP 2012083579 W 20121226; KR 20147020872 A 20121226; US 201214369161 A 20121226