

Title (en)
OUTDOOR UNIT FOR AIR-CONDITIONING APPARATUS

Title (de)
AUSSENEINHEIT FÜR KLIMAANLAGENVORRICHTUNG

Title (fr)
UNITÉ D'EXTÉRIEUR POUR CLIMATISEUR

Publication
EP 2952822 B1 20191009 (EN)

Application
EP 15166950 A 20150508

Priority
JP 2014118074 A 20140606

Abstract (en)
[origin: EP2952822A1] [Object] Provided is an outdoor unit for an air-conditioning apparatus, which is compatible with a plurality of types of heat exchangers by mounting another component on the structure of a motor support member so as to share the motor support member among the plurality of types of heat exchangers. [Solution] The outdoor unit for an air-conditioning apparatus includes: a housing having an opening formed in a rear surface thereof and an air outlet formed in a front surface thereof; a heat exchanger (11) covering the opening of the rear surface of the housing from an inside of the housing; a fan motor support member (20) having an air-sending device fixed to a center portion thereof, a part of the fan motor support member above the air-sending device being locked onto an upper end side of the heat exchanger (11) and a part of the fan motor support member below the air-sending device being fixed onto a bottom panel of the housing; an inverted U-shaped locking plate (26) formed on an upper side of the fan motor support member (20), the inverted U-shaped locking plate (26) having a downward groove; and a size adjustment section (30) to be fitted into the downward groove of the inverted U-shaped locking plate (26) in accordance with a height and a thickness of the heat exchanger (11) so that the heat exchanger (11) is fitted into the downward groove of the inverted U-shaped locking plate (26) through intermediation of the size adjustment section (30).

IPC 8 full level
F24F 1/38 (2011.01); **F24F 13/32** (2006.01)

CPC (source: CN EP US)
F24F 1/38 (2013.01 - CN EP US); **F24F 5/0007** (2013.01 - US); **F24F 7/007** (2013.01 - US); **F24F 13/32** (2013.01 - CN EP US)

Cited by
CN113091159A; CN106621591A

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 2952822 A1 20151209; **EP 2952822 B1 20191009**; CN 105299778 A 20160203; CN 105299778 B 20180828; CN 204786892 U 20151118; JP 2015230157 A 20151221; JP 6177193 B2 20170809; US 2015354840 A1 20151210

DOCDB simple family (application)
EP 15166950 A 20150508; CN 201510303319 A 20150604; CN 201520382327 U 20150604; JP 2014118074 A 20140606; US 201514685743 A 20150414