

Title (en)  
Outdoor unit for air-conditioning device

Title (de)  
Außeneinheit für Klimaanlagevorrichtung

Title (fr)  
Unité extérieure pour dispositif de climatisation

Publication  
**EP 2871428 A1 20150513 (EN)**

Application  
**EP 14191151 A 20141030**

Priority  
JP 2013231336 A 20131107

Abstract (en)  
[Object] It is an object to provide an outdoor unit for an air-conditioning device that prevents water vapor adhered on a fan motor supporting plate from freezing. [Solution] An outdoor unit includes a housing 50 having a bottom panel 50c, an outdoor heat exchanger 21 disposed inside the housing 50, a fan 22 disposed inside the housing 50, a fan motor 23 which is disposed inside the housing 50 and drives the fan 22, a fan motor supporting plate 24 disposed inside the housing 50 more to the front than the outdoor heat exchanger 21 and supports the fan motor 23, and a heater 30 at least partially disposed on or around the fan motor supporting plate 24.

IPC 8 full level  
**F24F 1/16** (2011.01); **F24F 1/38** (2011.01); **F25D 21/08** (2006.01); **F25D 21/12** (2006.01)

CPC (source: CN EP RU US)  
**F24F 1/16** (2013.01 - CN EP RU US); **F24F 1/38** (2013.01 - CN EP RU US); **F25D 21/00** (2013.01 - RU); **F25D 21/08** (2013.01 - US); **F25D 21/12** (2013.01 - US)

Citation (applicant)  
JP 2011052941 A 20110317 - MITSUBISHI HEAVY IND LTD

Citation (search report)  
• [AD] JP 2011052941 A 20110317 - MITSUBISHI HEAVY IND LTD  
• [A] EP 2180267 A2 20100428 - LG ELECTRONICS INC [KR]

Cited by  
JPWO2020044482A1; EP3845819A4; EP3951273A1

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 2871428 A1 20150513; EP 2871428 B1 20160601**; CN 104633807 A 20150520; CN 204240511 U 20150401; JP 2015090259 A 20150511; JP 5984781 B2 20160906; RU 2585722 C1 20160610; US 2015121933 A1 20150507

DOCDB simple family (application)  
**EP 14191151 A 20141030**; CN 201410618221 A 20141105; CN 201420657759 U 20141105; JP 2013231336 A 20131107; RU 2014145036 A 20141106; US 201414512547 A 20141013