

Title (en)  
OUTDOOR UNIT FOR REFRIGERATION DEVICE

Title (de)  
AUSSENEINHEIT FÜR EINE KÜHLVORRICHTUNG

Title (fr)  
UNITÉ EXTÉRIEURE POUR DISPOSITIF DE RÉFRIGÉRATION

Publication  
**EP 2711640 A4 20150318 (EN)**

Application  
**EP 12789286 A 20120517**

Priority  
• JP 2011114216 A 20110520  
• JP 2012003242 W 20120517

Abstract (en)  
[origin: EP2711640A1] An outdoor unit (10) includes a casing (20) having a side surface formed with an inlet port (25); an outdoor fan (40) arranged above the inlet port (25) in the casing (20) and configured to upwardly blow air; and an outdoor heat exchanger (30) arranged so as to face the inlet port (25). The outdoor fan (40) includes a fan (41) and a bell mouth (43) provided so as to surround the outer periphery of the fan (41), and an electric component unit (60) positioned at the periphery of the bell mouth (43) is arranged in the casing (20).

IPC 8 full level  
**F24F 1/22** (2011.01); **F24F 1/24** (2011.01); **F24F 1/38** (2011.01); **F24F 1/50** (2011.01); **F28F 9/00** (2006.01)

CPC (source: EP KR US)  
**F24F 1/22** (2013.01 - EP KR US); **F24F 1/24** (2013.01 - EP KR US); **F24F 1/38** (2013.01 - EP US); **F24F 1/50** (2013.01 - EP KR US); **F28F 9/00** (2013.01 - US)

Citation (search report)  
• [XDAYI] JP 2007218534 A 20070830 - DAIKIN IND LTD  
• [X] EP 2040008 A2 20090325 - LG ELECTRONICS INC [KR]  
• [Y] JP H11141922 A 19990528 - FUJITSU GENERAL LTD  
• [A] EP 1684022 A1 20060726 - TOSHIBA CARRIER CORP [JP]  
• [A] AU 2006201097 A1 20060406 - DAIKIN IND LTD  
• See references of WO 2012160789A1

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 2711640 A1 20140326**; **EP 2711640 A4 20150318**; **EP 2711640 B1 20180404**; BR 112013029124 A2 20170207;  
BR 112013029124 B1 20210323; CN 103502738 A 20140108; ES 2666855 T3 20180508; JP 2013007560 A 20130110;  
JP 5240378 B2 20130717; KR 101368616 B1 20140227; KR 20140007016 A 20140116; RU 2013156683 A 20150627;  
RU 2560344 C2 20150820; US 2014124175 A1 20140508; WO 2012160789 A1 20121129

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JP 2012003242 W 20120517; JP 2012112921 A 20120517; KR 20137033682 A 20120517; RU 2013156683 A 20120517;  
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