

Title (en)
Outdoor unit of air conditioner

Title (de)
Außenraumeinheit für Klimaanlage

Title (fr)
Unité extérieure pour climatiseur

Publication
EP 2565547 A1 20130306 (EN)

Application
EP 12179493 A 20120807

Priority
JP 2011189565 A 20110831

Abstract (en)
An outdoor unit(10) for an air conditioner including a housing (11), a compressor (30) disposed on a bottom plate (12) of the housing, a heat exchanger (21) having a substantially U-shaped cross-section that has tube plates (21) at both the front ends thereof, is disposed on the bottom plate and forms a back surface and right and left side surfaces of the housing, and an air blower (30), is provided with a partition plate (38) for partitioning the inside of the housing into an heat exchange chamber (39) having the heat exchanger disposed therein and a machine chamber (40) having the compressor disposed therein. The partition plate is substantially U-shaped in section and has a back plate portion (60) and side plate portions (62, 63), and the front end of at least one of the side plate portions is fixed to at least one of the tube plates of the heat exchanger, and the at least one of the side plate portions and the back plate portion of the partition plate are provided with openings portions (65, 66, 67) through which the heat exchange chamber and the machine chamber intercommunicate with each other.

IPC 8 full level
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CPC (source: EP)
F24F 1/46 (2013.01); **F24F 1/48** (2013.01); **F24F 1/50** (2013.01); **F24F 2221/52** (2013.01)

Citation (applicant)
JP 2006189196 A 20060720 - MATSUSHITA ELECTRIC IND CO LTD

Citation (search report)
• [IY] EP 2354683 A2 20110810 - SANYO ELECTRIC CO [JP]
• [Y] JP H11223365 A 19990817 - HITACHI LTD

Cited by
CN106288025A

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

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