

Title (en)
Outdoor unit of air conditioner

Title (de)
Außenraumeinheit für Klimaanlage

Title (fr)
Unité extérieure pour climatiseur

Publication
EP 2180265 A3 20120530 (EN)

Application
EP 09250482 A 20090224

Priority
KR 20080105205 A 20081027

Abstract (en)
[origin: EP2180265A2] Provided is an outdoor unit (10) of an air conditioner including an outer case (50) defining an outer appearance, a fan motor assembly (31,33,35) in the outer case, the fan motor assembly sucking and discharging outdoor air, a compressor (21) in the outer case, the compressor compressing refrigerant, a heat exchanger (25) where the outdoor air heat-exchanges with the refrigerant, a partition (40) partitioning an inner space of the outer case into a blowing region in which the fan motor assembly is disposed, and a device region in which the compressor is disposed, a control box (60) placed on the partition and controlling driving of the fan motor assembly and the compressor, and a water ingress prevention part (61) interposed between the partition (40) and the control box (60), and preventing condensed water generated at the heat exchanger from being scattered to the device region by the fan motor assembly.

IPC 8 full level
F24F 1/00 (2011.01); **F24F 13/22** (2006.01)

CPC (source: EP KR)
F24F 1/06 (2013.01 - EP); **F24F 1/22** (2013.01 - EP); **F24F 1/46** (2013.01 - EP); **F24F 5/00** (2013.01 - KR); **F24F 13/22** (2013.01 - EP)

Citation (search report)
• [X] EP 1416230 A1 20040506 - TOSHIBA CARRIER CORP [JP]
• [X] JP H05196263 A 19930806 - TOSHIBA CORP
• [X] JP H07248133 A 19950926 - FUJITSU GENERAL LTD
• [X] EP 1684022 A1 20060726 - TOSHIBA CARRIER CORP [JP]
• [A] JP 2008190806 A 20080821 - MITSUBISHI HEAVY IND LTD

Cited by
CN113566310A; EP2518415A3; JP2012233613A; CN102759151A; EP3473948A1; JP2012233614A

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2180265 A2 20100428; EP 2180265 A3 20120530; CN 101726048 A 20100609; KR 20100046385 A 20100507

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EP 09250482 A 20090224; CN 200910166339 A 20090824; KR 20080105205 A 20081027