

Title (en)
OUTDOOR UNIT

Title (de)
AUSSENEINHEIT

Title (fr)
UNITÉ D'EXTÉRIEUR

Publication
EP 2012078 A1 20090107 (EN)

Application
EP 07740285 A 20070329

Priority
• JP 2007056847 W 20070329
• JP 2006099386 A 20060331
• JP 2006345396 A 20061222

Abstract (en)
To provide an outdoor unit of an air conditioner that can suppress the blowing noise of a fan without lowering operating efficiency. An outdoor unit (2) is disposed with an outdoor heat exchanger (13), an outdoor fan (29) and a controller (4). The outdoor heat exchanger (13) performs heat exchange with air as an evaporator during heating operation. The outdoor fan (29) generates an air flow that passes a surface of the outdoor heat exchanger (13). The controller (4) performs in-frost fan control for lowering the rotational speed of the outdoor fan (29) when frost formation on the outdoor heat exchanger (13) is detected or estimated.

IPC 8 full level
F25B 47/02 (2006.01); **F24F 5/00** (2006.01); **F24F 11/02** (2006.01)

CPC (source: EP)
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Cited by
US2016201960A1; EP3225930A4; CN103557651A; EP2853844A1; EP3258190A4; CN108431528A; US10989433B2; US10955176B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2012078 A1 20090107; **EP 2012078 A4 20091118**; AU 2007232984 A1 20071011; AU 2007232984 B2 20100603; JP 2007292439 A 20071108; JP 4270274 B2 20090527; WO 2007114243 A1 20071011

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