

Title (en)
Outdoor unit of air conditioner

Title (de)
Außenraumeinheit für Klimaanlage

Title (fr)
Unité extérieure pour climatiseur

Publication
EP 2180264 A2 20100428 (EN)

Application
EP 09250447 A 20090220

Priority
KR 20080105206 A 20081027

Abstract (en)
Provided is an outdoor unit (10) of an air conditioner. The outdoor unit includes a case (50) defining an outer appearance, an intake grill (59) provided on a side of the case to suck outdoor air, a heat exchanger (25) provided inside the case to heat-exchange the outdoor air with a refrigerant, a fan (31) provided inside the case to suck the outdoor air, and a temperature sensor (593) detecting a temperature of the sucked outdoor air. The temperature sensor is installed on the intake grill such that the temperature sensor is spaced from the heat exchanger.

IPC 8 full level
F24F 1/00 (2011.01); **G01K 1/14** (2021.01)

CPC (source: EP KR US)
F24F 1/06 (2013.01 - EP); **F24F 1/20** (2013.01 - EP US); **F24F 1/46** (2013.01 - EP); **F24F 5/00** (2013.01 - KR); **F24F 2110/12** (2017.12 - EP US)

Cited by
CN112628876A; JP2014048005A; US2015330644A1; US10088177B2; US2017314791A1; US10208968B2; JP2021188825A; WO2021157971A1

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 2180264 A2 20100428; **EP 2180264 A3 20111221**; CN 101726050 A 20100609; KR 20100046386 A 20100507

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EP 09250447 A 20090220; CN 200910172049 A 20090903; KR 20080105206 A 20081027