Title (en)

Indoor unit of air conditioner

Title (de)

Innenraumeinheit einer Klimaanlage

Title (fr)

Unité d'intérieur pour climatiseur

Publication

EP 2184551 B1 20120516 (EN)

Application

EP 09250128 A 20090119

Priority

KR 20080110788 A 20081110

Abstract (en)

[origin: EP2184551A2] Provided is an indoor unit of an air conditioner. The indoor unit includes a chassis defining a back surface of the indoor unit and a main body provided with a front frame coupled to a front portion of the chassis. The indoor unit further includes a front panel movable coupled to a front surface of the main body, the front panel sucking air through the front surface of the main body in a state where the front panel is spaced from the main body, an inner panel provided between the front frame and the front panel, a link member connecting the front panel to the inner panel, and a drive unit for driving the link member. When the drive unit operates, the front panel is rotated with respect to the main body such that a distance between one end portion of the front panel and the main body is different from that between the other end portion of the front panel and the main body.

IPC 8 full level

F24F 1/0057 (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP KR US)

F24F 1/00 (2013.01 - KR); **F24F 1/0057** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 13/00** (2013.01 - KR); **F24F 13/20** (2013.01 - EP)

Cited by

JP2013120033A; JP2017146046A; EP3330630A1; AU2017268563B2; WO2017141839A1; JP2011149617A

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

DOCDB simple family (publication)

EP 2184551 A2 20100512; **EP 2184551 A3 20110413**; **EP 2184551 B1 20120516**; CN 101737864 A 20100616; CN 101737864 B 20140730; ES 2388316 T3 20121011; KR 101503930 B1 20150324; KR 20100051956 A 20100519

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