

Title (en)

Air conditioning unit

Title (de)

Klimaanlageneinheit

Title (fr)

Unité de climatisation d'air

Publication

EP 2423610 A3 20170621 (EN)

Application

EP 11179148 A 20110829

Priority

JP 2010193621 A 20100831

Abstract (en)

[origin: EP2423610A2] An air conditioning unit includes a horizontal flap (10) ; a shaft formation member (14) including shaft portions (13) on both sides; a first shaft support portion (11L) that rotatably supports the horizontal flap (10); a second shaft support portion (11R) that rotatably supports the horizontal flap (10); and a support member (15) that is provided with a support shaft hole. One of the shaft portions (13) is inserted into the support shaft hole and supported at the appropriate location on the case between the first shaft portion (11L) and the flange portion (12), and the horizontal flap (10) is rotatably supported by inserting each of the shaft portions (13) into the first rotation shaft hole and the second rotation shaft hole respectively.

IPC 8 full level

F24F 1/00 (2011.01); **F24F 13/14** (2006.01)

CPC (source: EP)

F24F 1/0011 (2013.01); **F24F 13/1413** (2013.01); **F24F 13/1486** (2013.01); **F24F 2221/00** (2013.01)

Citation (search report)

- [AD] JP 2007132578 A 20070531 - TOSHIBA CARRIER KK
- [A] JP H0238038 U 19900313
- [A] JP 2003139379 A 20030514 - SANYO ELECTRIC CO, et al
- [A] JP 2006177603 A 20060706 - MATSUSHITA ELECTRIC IND CO LTD

Cited by

CN103673083A; CN106461263A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2423610 A2 20120229; **EP 2423610 A3 20170621**; JP 2012052696 A 20120315; JP 5631123 B2 20141126

DOCDB simple family (application)

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