

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3252385 A4 20180829 (EN)

Application
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Priority
JP 2015052592 W 20150129

Abstract (en)
[origin: EP3252385A1] An air-conditioning apparatus of the present invention includes a plurality of ducts (51 and 52) arranged in a casing (2) in parallel to one another and configured to blow air subjected to heat exchange in a heat exchanger (4) to an indoor space, a plurality of motors (61 and 62) each including a rotary shaft (61 b or 62b) and a main body portion (61 a or 62a) configured to fix one end of the rotary shaft (61 b or 62b), the rotary shafts (61 b and 62b) being arranged to be oriented alternately opposite to one another in a direction perpendicular to a longitudinal direction of the plurality of ducts (51 and 52), the main body portions (61 a and 62a) being arrayed between the plurality of ducts (51 and 52) in parallel to the longitudinal direction of the plurality of ducts (51 and 52), a plurality of centrifugal fans (71 and 72) each arranged in a corresponding one of the plurality of ducts (51 and 52), and each driven by the plurality of motors (61 and 62), and a partition member (8) including a plurality of motor support portions (81) extending between the plurality of ducts (51 and 52) in parallel to the plurality of ducts (51 and 52) and configured to fix the main body portions (61 a and 62a) of the plurality of motors (61 and 62) on sides opposite to the rotary shafts (61 b and 62b).

IPC 8 full level
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F24F 1/0022 (2013.01); **F24F 1/0033** (2013.01); **F24F 13/32** (2013.01)

Citation (search report)

- [A] EP 2157377 A2 20100224 - SANYO ELECTRIC CO [JP]
- [A] EP 2520869 A1 20121107 - MITSUBISHI HEAVY IND LTD [JP]
- [A] EP 2336654 A2 20110622 - FUJITSU GENERAL LTD [JP]
- [A] WO 2006129891 A2 20061207 - LG ELECTRONICS INC [KR], et al
- [A] EP 2587175 A1 20130501 - EMERSON NETWORK POWER SRL [IT]
- See references of WO 2016121071A1

Designated contracting state (EPC)
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