

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3358266 A4 20181031 (EN)

Application
EP 16851469 A 20160926

Priority
• JP 2015195334 A 20150930
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Abstract (en)
[origin: EP3358266A1] It is a problem of this invention to provide an air conditioning indoor unit with which an airflow that flows along a floor surface is suppressed from rising even in a case where by some chance the floor surface is not sufficiently warmed. In an air conditioning indoor unit (10), by lowering the temperature of outgoing air, the temperature of an airflow that flows along a floor surface from a wall surface in a wall airflow mode also becomes lower, so even in a case where by some chance the floor surface is not sufficiently warmed, rising of the airflow that flows along the floor surface can be suppressed more than has conventionally been the case. The wall airflow is an airflow that crawls along the floor surface from the side wall, and it does not strike occupants, so even when the temperature becomes lower, it is less likely to impart a feeling of discomfort to the occupants.

IPC 8 full level
F24F 11/79 (2018.01); **F24F 1/0057** (2019.01); **F24F 11/65** (2018.01); **F24F 11/67** (2018.01); **F24F 11/80** (2018.01)

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F24F 1/0057 (2019.01 - EP US); **F24F 11/65** (2017.12 - EP); **F24F 11/79** (2017.12 - EP); **F24F 11/80** (2017.12 - EP);
F24F 11/89 (2017.12 - EP US); **F24F 2110/10** (2017.12 - EP); **F24F 2221/28** (2013.01 - EP)

Citation (search report)
• [AD] JP H06109312 A 19940419 - HITACHI LTD
• [A] EP 2759780 A1 20140730 - DAIKIN IND LTD [JP]
• [A] US 4782999 A 19881108 - ISHII KATSUSHI [JP], et al
• [A] JP 2011226727 A 20111110 - PANASONIC CORP
• See references of WO 2017057298A1

Cited by
US2022186976A1; EP4012285A4; EP4015930A4; AU2020350294B2; EP4015929A4; AU2020351434B2; US11493231B2

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