Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3739268 B1 20240103 (EN)

Application
EP 18901027 A 20181109

Priority
- JP 2018007218 A 20180119
- JP 2018041713 W 20181109

Abstract (en)
[origin: EP3739268A1] To reduce blowing noise generated by blowing wind colliding against fins without significantly increasing a ventilation resistance. Provided is an air conditioner including: an indoor heat exchanger 18 that is disposed so as to surround an outer periphery of a turbofan 17; and a plurality of rectifying plates 32 that is attached to the indoor heat exchanger 18 on an inner peripheral side, in which the indoor heat exchanger 18 has a plurality of planar portions that is disposed along a plane that perpendicularly intersects a radial direction at a closest position P1 to the turbofan 17 and a plurality of curved portions that couples these planar portions, a first rectifying plate 32A is attached to the first planar portion 18A at a first predetermined position on an upstream side in a rotational direction Rd of the turbofan 17 beyond the closest position P1 while a second rectifying plate 32B is attached thereto at a second predetermined position on a downstream side in the rotational direction Rd of the turbofan 17 beyond the closest position P1, and the first rectifying plate 32A and the second rectifying plate 32B are disposed to be adjacent to each other.

IPC 8 full level
F24F 1/00 (2019.01); F24F 1/0022 (2019.01); F24F 1/0047 (2019.01); F24F 1/0067 (2019.01); F24F 13/08 (2006.01); F24F 13/20 (2006.01); F24F 13/24 (2006.01)

CPC (source: EP)
F24F 1/0022 (2013.01); F24F 1/0047 (2019.02); F24F 1/0059 (2013.01); F24F 1/0067 (2019.02); F24F 13/08 (2013.01); F24F 13/24 (2013.01); F24F 2013/0616 (2013.01); F24F 2013/088 (2013.01)

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