

Title (en)

Air conditioner having eccentrically-disposed fan

Title (de)

Klimaanlage mit exzentrisch angeordnetem Gebläse

Title (fr)

Dispositif de conditionnement d'air avec un ventilateur disposé excentriquement

Publication

EP 0789196 A3 19980722 (EN)

Application

EP 96114731 A 19960913

Priority

JP 26953295 A 19950922

Abstract (en)

[origin: EP0789196A2] In an air conditioner (10) which contains a fan (26) and a heat exchanger (38) in a housing, the heat exchanger (38) being bent so as to surround the fan (26), the shaft center of the fan is disposed eccentrically from the center of the heat exchanger (38) or eccentrically displaced from the center of the heat exchanger (38) toward a partition plate (28) through which the inside of the heat exchanger (38) and the outside of the heat exchanger (38) are spatially separated. <IMAGE>

IPC 1-7

F24F 1/00

IPC 8 full level

F24F 1/0063 (2019.01); **F24F 1/0047** (2019.01); **F24F 1/0067** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/30** (2006.01)

CPC (source: EP US)

F24F 1/0018 (2013.01 - EP); **F24F 1/0022** (2013.01 - EP); **F24F 1/0047** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0067** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US)

Citation (search report)

- [XA] US 4313493 A 19820202 - KAWASE AKIRA, et al
- [E] GB 2314924 A 19980114 - TOSHIBA KK [JP]
- [A] DE 29504424 U1 19950518 - GEA HAPPEL KLIMATECHNIK [DE]

Cited by

SG89263A1; EP0985889A3; EP1589292A1; US6948552B2

Designated contracting state (EPC)

DE ES FR GB GR IT PT

DOCDB simple family (publication)

EP 0789196 A2 19970813; **EP 0789196 A3 19980722**; **EP 0789196 B1 20031217**; CN 1146705 C 20040421; CN 1151498 A 19970611; DE 69631114 D1 20040129; DE 69631114 T2 20040902; ES 2211926 T3 20040716; JP 3506400 B2 20040315; JP H0989362 A 19970404; PT 789196 E 20040430

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EP 96114731 A 19960913; CN 96113248 A 19960921; DE 69631114 T 19960913; ES 96114731 T 19960913; JP 26953295 A 19950922; PT 96114731 T 19960913