

Title (en)
AIR CONDITIONER

Title (de)
KLIMAAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3757466 A4 20211215 (EN)

Application
EP 18877298 A 20180413

Priority
• JP 2018026808 A 20180219
• JP 2018015520 W 20180413

Abstract (en)
[origin: EP3757466A1] An air-conditioner (100) is provided with: an indoor heat exchanger (15); an indoor fan (16); and a fan cleaning section (24) disposed between the indoor heat exchanger (15) and the indoor fan (16) to clean the indoor fan (16). The fan cleaning section (24) contacts the indoor fan (16) after the start of rotation of the indoor fan (16). The indoor fan (16) is structured to rotate about a shaft portion, and contacts the indoor fan (16) by rotating in the same direction as a rotating direction of the indoor fan (16).

IPC 8 full level
F24F 1/00 (2019.01); **F04D 17/04** (2006.01); **F04D 29/70** (2006.01); **F24F 1/0018** (2019.01); **F24F 11/48** (2018.01); **F24F 13/24** (2006.01)

CPC (source: EP)
F04D 17/04 (2013.01); **F04D 29/706** (2013.01); **F24F 1/0018** (2013.01); **F24F 11/48** (2018.01); **F05D 2260/602** (2013.01); **F24F 13/24** (2013.01); **F24F 2221/22** (2013.01)

Citation (search report)
• [IY] JP 2008045858 A 20080228 - KOWA CO
• [A] JP H03206400 A 19910909 - HITACHI LTD
• [Y] JP 2008002767 A 20080110 - TOSHIBA CARRIER KK
• [I] JP 2002267249 A 20020918 - SHARP KK
• See also references of WO 2019159387A1

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

DOCDB simple family (publication)
EP 3757466 A1 20201230; EP 3757466 A4 20211215; CN 110402352 A 20191101; CN 110402352 B 20210504; JP 2019143842 A 20190829; JP 6481061 B1 20190313; MY 195670 A 20230203; TW 201937066 A 20190916; TW I706088 B 20201001; WO 2019159387 A1 20190822

DOCDB simple family (application)
EP 18877298 A 20180413; CN 201880016529 A 20180413; JP 2018015520 W 20180413; JP 2018026808 A 20180219; MY PI2019003775 A 20180413; TW 108105232 A 20190218