

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3822491 A4 20220126 (EN)

Application
EP 18867304 A 20180514

Priority
JP 2018018511 W 20180514

Abstract (en)
[origin: EP3822491A1] An air-conditioner (10) includes a heat exchanger (31), an air blowing fan (38), and a fan cleaning device (40) configured to clean the air blowing fan. The fan cleaning device includes a shaft (45), a motor (34) configured to rotatably drive the shaft in a direction about an axis, and a cleaner (a brush (41)) attached to the shaft. The cleaner and the shaft are separated bodies.

IPC 8 full level
F04D 29/70 (2006.01); **F24F 1/00** (2019.01)

CPC (source: EP)
F04D 29/283 (2013.01); **F04D 29/4226** (2013.01); **F04D 29/701** (2013.01); **F24F 1/0018** (2013.01); **F05D 2260/57** (2013.01); **F24F 2221/22** (2013.01)

Citation (search report)

- [XAYI] JP 2008051430 A 20080306 - TOSHIBA CARRIER KK
- [Y] US 2008209652 A1 20080904 - SCOTT ELIJAH L [US], et al
- [A] JP 2007071210 A 20070322 - SHARP KK
- [A] JP H0539800 A 19930219 - SEIDENSHA KK, et al
- [A] JP 2008002767 A 20080110 - TOSHIBA CARRIER KK
- [A] WO 2008062876 A1 20080529 - TOSHIBA CARRIER CORP [JP], et al
- See references of WO 2019220487A1

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 3822491 A1 20210519; EP 3822491 A4 20220126; CN 110785568 A 20200211; CN 110785568 B 20211001; JP 6808036 B2 20210106; JP WO2019220487 A1 20200528; TW 201947125 A 20191216; TW I720478 B 20210301; WO 2019220487 A1 20191121

DOCDB simple family (application)
EP 18867304 A 20180514; CN 201880003382 A 20180514; JP 2018018511 W 20180514; JP 2019523118 A 20180514; TW 108116383 A 20190513