

Title (en)
UPRIGHT AIR CONDITIONER

Title (de)
AUFRECHTE KLIMAANLAGE

Title (fr)
APPAREIL DE CONDITIONNEMENT D'AIR VERTICAL

Publication
EP 3193086 A4 20170920 (EN)

Application
EP 16829713 A 20160622

Priority
• CN 201510457068 A 20150730
• CN 2016086674 W 20160622

Abstract (en)
[origin: EP3193086A1] Disclosed is a vertical air conditioner, comprising an air conditioner body (2), and further comprising a base (1) detachably fitted with the air conditioner body (2), wherein the base (1) comprises a base body (11), which base body (11) has a fitting part (1121), a body air inlet (1141) and a body air outlet (1151) are formed on the base body (11), a cavity is formed in the base body (11), and a fan (122) and an air handling module (13) are formed in the cavity. The base (1) in the vertical air conditioner can be detachably fitted with the air conditioner body (2), and the base (1) itself forms a separate air supply system, and the air handling module (13) is used to handle air based on the air supply system. Therefore, after the base (1) and the air conditioner body (2) are fitted together, the additional air handling function achieved by the base (1) is independent from the air conditioner body (2), which does not affect the original structure of the air conditioner body (2), and can run independently rather than relying on the operation of the original air conditioner body (2).

IPC 8 full level
F24F 1/00 (2011.01); **F24F 1/005** (2019.01); **F24F 13/32** (2006.01)

CPC (source: CN EP KR US)
F24F 1/0011 (2013.01 - KR); **F24F 1/005** (2019.01 - CN EP KR US); **F24F 3/16** (2013.01 - KR); **F24F 6/00** (2013.01 - KR); **F24F 13/08** (2013.01 - CN); **F24F 13/20** (2013.01 - KR); **F24F 13/32** (2013.01 - CN EP KR); **F24F 2013/205** (2013.01 - KR); **F24F 2221/36** (2013.01 - EP KR)

Citation (search report)
• [XY] CN 204141826 U 20150204 - QINGDAO HAIER AIR CONDITIONER
• [Y] CN 202328531 U 20120711 - ZHUHAI GREE ELEC APPLIANCES
• [A] JP 2014020707 A 20140203 - PANASONIC CORP
• [A] CN 103574770 A 20140212 - ZHUHAI GREE ELEC APPLIANCES
• [A] CN 202709315 U 20130130 - ZHUHAI GREE ELEC APPLIANCES
• See references of WO 2017016346A1

Cited by
CN112984639A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3193086 A1 20170719; EP 3193086 A4 20170920; EP 3193086 B1 20181205; CN 105091101 A 20151125; CN 105091101 B 20180710; KR 101976193 B1 20190508; KR 20170063652 A 20170608; WO 2017016346 A1 20170202

DOCDB simple family (application)
EP 16829713 A 20160622; CN 201510457068 A 20150730; CN 2016086674 W 20160622; KR 20177008723 A 20160622