

Title (en)
UPRIGHT AIR CONDITIONER WITH SWING LOUVERS

Title (de)
AUFRECHTE KLIMAANLAGE MIT SCHWENKBAREN LAMELLEN

Title (fr)
APPAREIL DE CONDITIONNEMENT D'AIR VERTICAL À VOILETS OSCILLANTS

Publication
EP 3193088 A4 20170927 (EN)

Application
EP 16829716 A 20160622

Priority
• CN 201510456908 A 20150730
• CN 2016086693 W 20160622

Abstract (en)
[origin: EP3193088A1] Disclosed is a vertical air conditioner having swing blades, comprising an air conditioner body (2), an air outlet (21) being formed on the air conditioner body (2), wherein a plurality of segmented swing blades on the air outlet (21) at least in the lengthwise direction of the air outlet (21), and the plurality of segmented swing blades are arranged in sequence and extend from one end of the air outlet (21) to the other end thereof. A plurality of segmented swing blades on the air outlet (21), and the plurality of segmented swing blades are arranged in sequence and extend from one end of the air outlet (21) to the other end thereof, so that an integral swing blade is formed by using the plurality of segmented swing blades, in addition to achieving the normal function of the swing blades for adjusting the direction of air outflow from the air outlet (21), reducing the length of a single segmented swing blade, thereby increasing the swing stability of the swing blades, and improving the accuracy of wind direction control.

IPC 8 full level
F24F 1/00 (2011.01); **F24F 13/15** (2006.01)

CPC (source: CN EP KR)
F24F 1/0007 (2013.01 - CN); **F24F 1/0011** (2013.01 - EP KR); **F24F 1/005** (2019.01 - CN EP KR); **F24F 3/16** (2013.01 - KR); **F24F 6/00** (2013.01 - KR); **F24F 13/1426** (2013.01 - KR); **F24F 13/15** (2013.01 - CN EP KR); **F24F 13/20** (2013.01 - KR); **F24F 13/32** (2013.01 - CN EP KR); **F24F 2013/1433** (2013.01 - KR)

Citation (search report)
• [XYI] WO 2006022158 A1 20060302 - DAIKIN IND LTD [JP], et al
• [XI] JP 3680223 B2 20050810
• [XA] JP 2003343872 A 20031203 - DAIKIN IND LTD
• [XA] WO 2013034114 A1 20130314 - GREE ELECTRIC APPLIANCES INC [CN], et al
• [Y] CN 204141826 U 20150204 - QINGDAO HAIER AIR CONDITIONER
• [A] CN 203571893 U 20140430 - GUANGDONG MEDIA REFRIGERATION EQUIPMENT CO LTD
• See references of WO 2017016349A1

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 3193088 A1 20170719; EP 3193088 A4 20170927; EP 3193088 B1 20180815; CN 105091100 A 20151125; CN 105091100 B 20180622; KR 102095989 B1 20200402; KR 20170063653 A 20170608; WO 2017016349 A1 20170202

DOCDB simple family (application)
EP 16829716 A 20160622; CN 201510456908 A 20150730; CN 2016086693 W 20160622; KR 20177008726 A 20160622