

Title (en)
AIR CONDITIONER

Title (de)
KLIMAAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3128242 A4 20171220 (EN)

Application
EP 14887298 A 20140328

Priority
JP 2014059193 W 20140328

Abstract (en)
[origin: EP3128242A1] An air conditioner (100) includes a main body (1) having an air inlet (2a, 2b) and an air outlet (3) formed therein. The main body includes a front surface (1a), a rear surface (1c), an upper surface (1b), a lower surface (1d), and a pair of side surfaces (1e). The air inlet is formed in any one of the front surface, the upper surface, and the side surfaces. The air outlet is formed in the lower surface without extending to the front surface. An outlet air duct is defined upstream of the air outlet. A diffuser defines the front surface side of the outlet air duct. In side view, as the diffuser extends, downstream of the diffuser is away from an imaginary line that is a line extended from upstream of the diffuser.

IPC 8 full level
F24F 1/00 (2011.01); **F24F 11/00** (2006.01); **F24F 13/14** (2006.01)

CPC (source: CN EP US)
F24F 1/0007 (2013.01 - CN); **F24F 1/0011** (2013.01 - EP US); **F24F 13/105** (2013.01 - CN); **F24F 13/14** (2013.01 - EP);
F24F 13/24 (2013.01 - CN); **F24F 2013/247** (2013.01 - CN); **F24F 2140/40** (2017.12 - EP US)

Citation (search report)

- [X] KR 100728351 B1 20070613 - DAEWOO ELECTRONICS CORP [KR]
- [XY] WO 2013031436 A1 20130307 - DAIKIN IND LTD [JP], et al
- [Y] EP 2226581 A1 20100908 - SHARP KK [JP]
- [E] WO 2014097686 A1 20140626 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2015145740A1

Cited by
EP3211342A4

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 3128242 A1 20170208; EP 3128242 A4 20171220; EP 3128242 B1 20200520; CN 104949198 A 20150930; CN 104949198 B 20181102;
CN 204962952 U 20160113; JP 6429204 B2 20181128; JP WO2015145740 A1 20170413; WO 2015145740 A1 20151001

DOCDB simple family (application)
EP 14887298 A 20140328; CN 201490000410 U 20140328; CN 201510133990 A 20150325; JP 2014059193 W 20140328;
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