

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2292987 A1 20110309 (EN)

Application
EP 09773229 A 20090415

Priority
• JP 2009057619 W 20090415
• JP 2008173446 A 20080702

Abstract (en)

According to the present invention, there is provided an air conditioner which is capable of, even when the direction of wind blown out from a blow-out port is greatly changed, efficiently releasing ions to a distant place. Specifically, the air conditioner according to the present invention is configured by including a wind direction changing plate 800 which changes the direction of wind WO blown out from a blow-out port 5, an ion generating section 921a which is provided in the wind direction changing plate 800, and a guiding section 891 which, when the wind direction changing plate 800 is held in an inclined attitude oriented at an angle with respect to the blow-out direction of the wind, protects the ion generating section 921a by preventing the wind WO blown out from the blow-out port 5 from being brought into direct contact with the ion generating section 921a, and which guides the wind flowing along the wind direction changing plate 800 into the ion generating section 921a.

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

CPC (source: EP US)
F24F 1/0011 (2013.01 - EP US); **F24F 1/0057** (2019.01 - EP US); **F24F 8/30** (2021.01 - EP); **F24F 8/30** (2021.01 - US)

Citation (search report)
See references of WO 2010001651A1

Cited by
EP2461112A4

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2011000251 A1 20110106; CN 102089590 A 20110608; CN 102089590 B 20130918; EP 2292987 A1 20110309;
JP 2010014307 A 20100121; JP 4382860 B1 20091216; WO 2010001651 A1 20100107

DOCDB simple family (application)
US 91895509 A 20090415; CN 200980109249 A 20090415; EP 09773229 A 20090415; JP 2008173446 A 20080702;
JP 2009057619 W 20090415