

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3029385 A1 20160608 (EN)

Application
EP 15196304 A 20151125

Priority
JP 2014244152 A 20141202

Abstract (en)
Provided is an air conditioner with which the controllability of an air-flow direction by means of a dedicated louver and suppression of draft perception at the louver position can be achieved simultaneously and that includes an air wing that has a simple configuration, that operates smoothly, and that does not detract from the external design. The air conditioner includes an outlet (14) that is provided on a panel body (3) and is open in the downward direction and also includes a louver (15) that is provided pivotally at the outlet (14). The air conditioner further includes an air wing (17) that is provided outside the outlet (14) of the panel body (3) and that is pivotable between a withdrawn position, at which the air wing (17) constitutes a common plane with the panel body (3), and a louver-direction position, at which the air wing (17) faces the air-conditioning air flow blown out from the outlet (14). The air conditioner also includes a pivot mechanism for pivoting the air wing (17) between the two positions. Thus, it is possible to pivot the air wing (17) selectively between the withdrawn position and the louver-direction position at which draft perception caused by the air-conditioning air flow will be avoided.

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

CPC (source: EP)
F24F 1/0014 (2013.01); **F24F 1/0047** (2019.01); **F24F 13/1413** (2013.01)

Citation (applicant)
JP 2010032062 A 20100212 - HITACHI APPLIANCES INC

Citation (search report)
• [X] EP 1688677 A1 20060809 - DAIKIN IND LTD [JP]
• [X] JP 2005207733 A 20050804 - DAIKIN IND LTD
• [X] US 2014086735 A1 20140327 - HUANG SZU-CHANG [TW]
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• [A] WO 2014068654 A1 20140508 - MITSUBISHI ELECTRIC CORP [JP], et al

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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 3029385 A1 20160608; EP 3029385 B1 20190807; EP 3567318 A1 20191113; JP 2016109310 A 20160620; JP 6223953 B2 20171101

DOCDB simple family (application)
EP 15196304 A 20151125; EP 19182680 A 20151125; JP 2014244152 A 20141202