

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Climatiseur

Publication
EP 2169329 A3 20120425 (EN)

Application
EP 09012331 A 20090929

Priority
• JP 2008253824 A 20080930
• JP 2008253832 A 20080930

Abstract (en)
[origin: EP2169329A2] In an air conditioner, for preventing blown air from directly rushing to a position below the air conditioner and suppressing a ceiling surface (32) from being smudged due to a Coanda effect, in order to provide a simple structure of a wind direction control louver (42) provided in a air outlet (41), there is provided an air conditioner including: an air conditioner body (1); a panel (6) which is provided in the body; an air inlet (3) which is provided at about a center of the panel; an air outlet (4) which is provided in the periphery of the air inlet and blows air into a room; and a wind direction control louver (2) which is provided in the air outlet, wherein one end of the louver (2) is provided in the panel (6) on the side of the air inlet so as to be rotatable through a shaft (5), and the other end thereof is formed as an opening edge, and wherein the opening edge exists on more outer side than a portion where blown air descending from the outermost side of the air outlet (4) contacts with the louver (2) when the louver (2) is opened at a maximum louver opening degree ,max.

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

CPC (source: EP)
F24F 1/0047 (2019.01); **F24F 13/14** (2013.01)

Citation (search report)
• [XI] JP 2006234278 A 20060907 - MITSUBISHI HEAVY IND LTD
• [XI] JP 2007024345 A 20070201 - MITSUBISHI ELECTRIC CORP
• [X] JP 2007205711 A 20070816 - SHARP KK
• [XDI] JP 2006336961 A 20061214 - MATSUSHITA ELECTRIC IND CO LTD
• [A] US 2006035580 A1 20060216 - ANDERSON DEAN B [US], et al
• [A] US 4729293 A 19880308 - TSUNODA HIDEO [JP], et al

Cited by
CN106247520A

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 SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2169329 A2 20100331; **EP 2169329 A3 20120425**; CN 101713572 A 20100526; CN 101713572 B 20131113; CN 102607111 A 20120725; CN 102607111 B 20141022; EP 2498015 A1 20120912

DOCDB simple family (application)
EP 09012331 A 20090929; CN 200910173465 A 20090918; CN 201210099692 A 20090918; EP 12157560 A 20090929