

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2918938 A4 20160810 (EN)

Application
EP 13842783 A 20130812

Priority
• JP 2012218434 A 20120928
• JP 2013071819 W 20130812

Abstract (en)
[origin: EP2918938A1] The air volume decreases as cold air from an air delivery fan collides with an auxiliary up-down wind direction plate. An air conditioner 1 includes an air delivery fan 3 which is provided on an air passage from an inlet port 13 to an outlet port 14, an up-down wind direction plate 6 which is rotatably supported in the vicinity of the outlet port 14 and extends along the length of the outlet port 14, and an auxiliary up-down wind direction plate 7 which is rotatably supported above the up-down wind direction plate 6 and extends along the length of the outlet port 14. An upper wall portion 15 of the air passage includes a first upper wall portion 16 which inclines downward toward the front and a second upper wall portion 17 which is provided to the front of the first upper wall portion 16 to widen the air passage. In a cooling operation, the air conditioner 1 is arranged such that the auxiliary up-down wind direction plate 7 is positioned on the second upper wall portion 17 side of a plane which is an extension of the first upper wall portion 16.

IPC 8 full level
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CPC (source: CN EP)
F24F 1/0011 (2013.01 - CN EP); **F24F 1/0047** (2019.01 - CN); **F24F 1/0057** (2019.01 - EP); **F24F 13/14** (2013.01 - EP); **F24F 13/15** (2013.01 - CN)

Citation (search report)
• [XII] JP 2003232560 A 20030822 - SHARP KK
• [XI] JP 2007093092 A 20070412 - FUJITSU GENERAL LTD
• See references of WO 2014050334A1

Cited by
EP3339759A4; US11614241B2

Designated contracting state (EPC)
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