

Title (en)

DECORATIVE PANEL FOR AIR CONDITIONING SYSTEM, AIR OUTLET BLOW-OFF UNIT, AND AIR CONDITIONING SYSTEM

Title (de)

ZIERPLATTE FÜR KLIMAAANLAGE, ABLASEINHEIT FÜR LUFTAUSSCHLASS UND KLIMAAANLAGE

Title (fr)

PANNEAU DE DECORATION POUR SYSTEME DE CLIMATISATION, UNITE D'ECHAPPEMENT D'AIR DE SORTIE, ET SYSTEME DE CLIMATISATION

Publication

EP 1316760 A4 20040421 (EN)

Application

EP 01961229 A 20010830

Priority

- JP 0107505 W 20010830
- JP 2000269702 A 20000906

Abstract (en)

[origin: EP1316760A1] The configuration of an airconditioner air vent (16) is improved so that horizontal emission by a horizontal vane (18) becomes possible and, at the same time, in order to prevent a ceiling surface (70) from becoming dirty when performing a horizontal emission operation, areas in the vicinity of both lengthwise ends of the air vent (16) are so configured that the direction in which conditioned air is emitted at lengthwise both ends of the air vent (16) is oriented more downwardly than the emission direction at a lengthwise middle portion of the air vent (16). <IMAGE>

IPC 1-7

F24F 1/00; **F24F 13/14**; **F24F 13/06**

IPC 8 full level

F24F 13/14 (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP)

F24F 1/0011 (2013.01); **F24F 1/0047** (2019.01); **F24F 13/14** (2013.01)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 04 30 April 1996 (1996-04-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 12 25 December 1997 (1997-12-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07 29 September 2000 (2000-09-29)
- See references of WO 0221052A1

Cited by

EP1710517A4; CN111720972A; US8460075B2; US8342923B2; WO2005069745A2; US8834242B2

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

EP 1316760 A1 20030604; **EP 1316760 A4 20040421**; **EP 1316760 B1 20080102**; AU 2001282563 B2 20051013; AU 8256301 A 20020322; CN 1175222 C 20041110; CN 1342873 A 20020403; CN 2509504 Y 20020904; DE 60132218 D1 20080214; DE 60132218 T2 20081218; ES 2296785 T3 20080501; JP 2002081683 A 20020322; JP 3624814 B2 20050302; WO 0221052 A1 20020314

DOCDB simple family (application)

EP 01961229 A 20010830; AU 2001282563 A 20010830; AU 8256301 A 20010830; CN 01132688 A 20010904; CN 01263617 U 20010905; DE 60132218 T 20010830; ES 01961229 T 20010830; JP 0107505 W 20010830; JP 2000269702 A 20000906