

Title (en)

INDOOR UNIT OF AIR CONDITIONER AND METHOD OF MANUFACTURING THE INDOOR UNIT

Title (de)

INNENRAUMEINHEIT FÜR KLIMAANLAGE UND VERFAHREN ZUR HERSTELLUNG DER INNENRAUMEINHEIT

Title (fr)

UNITE INTERIEURE DE CLIMATISEUR ET PROCEDE DE FABRICATION ASSOCIE

Publication

**EP 1669683 A1 20060614 (EN)**

Application

**EP 04771787 A 20040818**

Priority

- JP 2004011826 W 20040818
- JP 2003308632 A 20030901

Abstract (en)

It is an object of the present invention to obviate a risk that the design of the front panel of an indoor unit 2 of an air conditioner 1 may be hampered by mounting portions 71, 72, 73, 74, and the like attached to a main body 25a. The indoor unit 2 of the air conditioner 1 comprises a main body 25a, a front panel 26b and a design panel 83. The front panel 26b is opaque and is integrally molded with the mounting portion 74. A design panel 80 is transparent and is attached to the front panel 26b. In addition, this design panel 26b is provided with a design layer 27b on a reverse side surface 262 thereof. Note that this design layer 27b is at least given a color scheme.

IPC 1-7

**F24F 1/00**

IPC 8 full level

**F24F 1/0057** (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP KR US)

**F24F 1/00** (2013.01 - KR); **F24F 1/0057** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 13/20** (2013.01 - EP KR US); **F24F 11/56** (2017.12 - EP US); **Y10T 29/49359** (2015.01 - EP US)

Cited by

EP2075510A3; EP3343124A4; US8171748B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1669683 A1 20060614**; **EP 1669683 A4 20081105**; AU 2004269209 A1 20050310; AU 2004269209 B2 20071129; AU 2004269209 B8 20050310; CN 101865519 A 20101020; CN 101865519 B 20131002; CN 1842678 A 20061004; JP 2005076994 A 20050324; JP 3642064 B2 20050427; KR 100728459 B1 20070613; KR 20060038459 A 20060503; US 2006201184 A1 20060914; WO 2005022043 A1 20050310

DOCDB simple family (application)

**EP 04771787 A 20040818**; AU 2004269209 A 20040818; CN 200480024623 A 20040818; CN 201010105521 A 20040818; JP 2003308632 A 20030901; JP 2004011826 W 20040818; KR 20067001663 A 20060124; US 56778604 A 20040818