

Title (en)  
Indoor unit and air-conditioning apparatus

Title (de)  
Innenraumeinheit und Klimaanlagevorrichtung

Title (fr)  
Unité intérieure de climatiseur

Publication  
**EP 2886970 A1 20150624 (EN)**

Application  
**EP 14191953 A 20141105**

Priority  
JP 2013264400 A 20131220

Abstract (en)  
An indoor unit 1 includes: an airflow direction louver 4 that rotates about a vane shaft 4a and changes a direction of air that is blowing from an air outlet 3b; and a louver gear 10 that transmits a force from a vane drive motor part 9 to the airflow direction louver 4. The airflow direction louver 4 has an insertion indicator such as a nail. The louver gear 10 has a fitting hole 10a that allows the insertion indicator to become visible when the airflow direction louver 4 is inserted into a bearing hole 10b of the louver gear 10 and reaches the bottom of a bearing hole 10b.

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

CPC (source: CN EP US)  
**F24F 1/0011** (2013.01 - CN EP US); **F24F 13/14** (2013.01 - US); **F24F 13/1486** (2013.01 - CN EP US); **F24F 2013/1446** (2013.01 - CN EP US); **F24F 2221/32** (2013.01 - CN EP US)

Citation (applicant)

- JP 2001041559 A 20010216 - NIHON PLAST CO LTD
- JP 2008070051 A 20080327 - SHARP KK

Citation (search report)

- [XA] EP 0809080 A2 19971126 - FUJITSU GENERAL LTD [JP]
- [A] EP 1380797 A1 20040114 - FUJITSU GENERAL LTD [JP]
- [A] JP 2008107046 A 20080508 - DAIKIN IND LTD
- [A] US 5293920 A 19940315 - VAGEDES MICHAEL [US]

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 2886970 A1 20150624**; **EP 2886970 B1 20190522**; CN 104729046 A 20150624; CN 104729046 B 20180130; CN 204460625 U 20150708; JP 2015121341 A 20150702; JP 5972252 B2 20160817; TR 201908213 T4 20190621; US 2015176856 A1 20150625

DOCDB simple family (application)  
**EP 14191953 A 20141105**; CN 201410781855 A 20141216; CN 201420801458 U 20141216; JP 2013264400 A 20131220; TR 201908213 T 20141105; US 201414527054 A 20141029