

Title (en)
INDOOR UNIT OF AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT EINER KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISEUR

Publication
EP 2554920 A4 20170329 (EN)

Application
EP 11761979 A 20110325

Priority
• CN 201010142896 A 20100402
• CN 2011072177 W 20110325

Abstract (en)
[origin: EP2554920A1] An indoor unit of an air conditioner includes a panel body (2) surrounding the side part and the top part of the air conditioner, a back shell surrounding the back part of the air conditioner, and a front panel (1) arranged at the front side and jointed closely with the panel body (2). The back shell, the panel body (2) and the front panel (1) define an inner chamber of the air conditioner, in which a heat exchanger, a control element and a fan assembly are arranged. The side face of the indoor unit of the air conditioner has a U-shaped structure. The front, back and bottom surfaces of the lower part of the indoor unit of the air conditioner are formed by more than one curved surfaces.

IPC 8 full level
F24F 1/0057 (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP KR US)
F24F 1/0043 (2019.01 - KR); **F24F 1/0057** (2019.01 - EP US); **F24F 13/20** (2013.01 - EP KR US); **F24F 2221/26** (2013.01 - EP KR US)

Citation (search report)
• [X1] WO 2007012156 A1 20070201 - SPRINGER CARRIER LTDA [BR], et al
• [X1] JP 2009115390 A 20090528 - SHARP KK
• [X1] EP 1248048 A2 20021009 - FUJITSU GENERAL LTD [JP]
• See references of WO 2011120405A1

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

DOCDB simple family (publication)
EP 2554920 A1 20130206; EP 2554920 A4 20170329; EP 2554920 B1 20200311; CN 102213482 A 20111012; CN 102213482 B 20121205; ES 2784127 T3 20200922; JP 2013524141 A 20130617; JP 5639257 B2 20141210; KR 101657739 B1 20160919; KR 20130093480 A 20130822; RU 2012146390 A 20140510; RU 2541287 C2 20150210; US 2013035028 A1 20130207; WO 2011120405 A1 20111006

DOCDB simple family (application)
EP 11761979 A 20110325; CN 201010201278 A 20100604; CN 2011072177 W 20110325; ES 11761979 T 20110325; JP 2013501607 A 20110325; KR 20127028787 A 20110325; RU 2012146390 A 20110325; US 201113638607 A 20110325