

Title (en)
INDOOR UNIT OF AIR CONDITIONING SYSTEM

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE

Title (fr)
UNITE D'INTERIEUR DE SYSTEME DE CLIMATISATION

Publication
EP 2017544 A1 20090121 (EN)

Application
EP 07742666 A 20070427

Priority
• JP 2007059231 W 20070427
• JP 2006127071 A 20060428

Abstract (en)
An indoor unit body (2) of an air conditioning apparatus having an openable lower surface contains an electrical parts box (13), a heat exchanger (7), a drain pan (10), and an air blower (3) inside. A dress panel (3) closes the opening section of the lower surface of the indoor unit body (2). The drain pan (10) has first insert metal parts (24) for fixing the drain pan (10) to the indoor unit body (2) and second insert metal parts (25) for attaching and fixing the electrical parts box (13) to the drain pan (10). The first insert metal parts (24) and the second insert metal parts (25) are electrically connected and integrally formed with the drain pan (10).

IPC 8 full level
F24F 1/0047 (2019.01); **F24F 13/20** (2006.01); **F24F 1/0063** (2019.01)

CPC (source: EP US)
F24F 1/0047 (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 13/222** (2013.01 - EP); **F24F 2013/0616** (2013.01 - EP); **F24F 2013/207** (2013.01 - EP)

Cited by
US10473341B2; US2017328580A1; EP3130864A1; CN112460787A; EP3088814A4; EP2896896A1; US11131479B2; US10309683B2; US10302314B2; US9674977B2; US2021003316A1; EP3779290A4; US11913668B2; EP3130866B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2017544 A1 20090121; **EP 2017544 A4 20120411**; **EP 2017544 B1 20130626**; AU 2007244221 A1 20071108; AU 2007244221 B2 20110203; CN 101484759 A 20090715; CN 101484759 B 20110810; JP 4582818 B2 20101117; JP WO2007126072 A1 20090910; WO 2007126072 A1 20071108

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EP 07742666 A 20070427; AU 2007244221 A 20070427; CN 200780015322 A 20070427; JP 2007059231 W 20070427; JP 2008513301 A 20070427