

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 A4 20120411 (EN)

Application
EP 07742666 A 20070427

Priority
• JP 2007059231 W 20070427
• JP 2006127071 A 20060428

Abstract (en)
[origin: EP2017544A1] 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)

Citation (search report)
• [A] JP 2001235176 A 20010831 - SANYO ELECTRIC CO
• [A] JP H11201496 A 19990730 - DAIKIN IND LTD
• [A] JP 2006003011 A 20060105 - DAIKIN IND LTD
• [A] JP 2004093005 A 20040325 - TOSHIBA CARRIER KK, et al
• See references of WO 2007126072A1

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

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