

Title (en)  
MOUNTING STRUCTURE AND AIR CONDITIONER

Title (de)  
MONTAGESTRUKTUR UND KLIMAANLAGE

Title (fr)  
STRUCTURE DE MONTAGE ET CLIMATISEUR

Publication  
**EP 3748781 A4 20211013 (EN)**

Application  
**EP 18903481 A 20181229**

Priority  
• CN 201820152374 U 20180130  
• CN 2018125498 W 20181229

Abstract (en)  
[origin: EP3748781A1] A mounting structure and an air conditioner are provided in the present invention, which relates to the field of air conditioners. A mounting structure applied to a wiring device is provided in the present invention. The wiring device includes a second wiring terminal mounted to a first base through the mounting structure, wherein the mounting structure includes a mounting body, a fixing buckle and a positioning member. The mounting body is connected to the second wiring terminal, and the fixing buckle and one end of the positioning member are used to be connected to the first base. The fixing buckle passes through the mounting body and is buckled to the mounting body, and the positioning member passes through the mounting body. An air conditioner adopts the above-mentioned mounting structure. The mounting structure and the air conditioner provided in the present invention can ensure assembly accuracy of the second wiring terminal, improve wiring accuracy of the second wiring terminal, and prevent needles in the second wiring terminal from being broken or bent.

IPC 8 full level  
**H01R 13/506** (2006.01); **H01R 13/645** (2006.01); **H01R 13/73** (2006.01); **H01R 13/631** (2006.01)

CPC (source: EP)  
**H01R 13/506** (2013.01); **H01R 13/6456** (2013.01); **H01R 13/73** (2013.01); **F24F 2013/207** (2013.01); **F24F 2221/32** (2013.01); **H01R 13/6315** (2013.01)

Citation (search report)  
• [Y] JP S5855372 U 19830414  
• [Y] JP S57117578 U 19820721  
• [A] CN 105870701 A 20160817 - WUXI NANLIGONG TECHNOLOGY DEV  
• [A] US 2015136436 A1 20150521 - MAO ZHONG-HUI [TW]  
• [A] EP 1016565 B1 20051207 - SUMITOMO WIRING SYSTEMS [JP], et al  
• See references of WO 2019149012A1

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 3748781 A1 20201209**; **EP 3748781 A4 20211013**; **EP 3748781 B1 20231018**; **EP 3748781 C0 20231018**; AU 2018406386 A1 20200402; AU 2018406386 B2 20210715; CN 207743432 U 20180817; JP 2021503152 A 20210204; JP 6952193 B2 20211020; NZ 765679 A 20221125; WO 2019149012 A1 20190808

DOCDB simple family (application)  
**EP 18903481 A 20181229**; AU 2018406386 A 20181229; CN 2018125498 W 20181229; CN 201820152374 U 20180130; JP 2020524335 A 20181229; NZ 76567918 A 20181229