

Title (en)

PIPE PROTECTING SUPPORT AND AIR CONDITIONER

Title (de)

ROHRSCHUTZTRÄGER UND KLIMAANLAGE

Title (fr)

SUPPORT DE PROTECTION DE TUYAUX ET CLIMATISEUR ASSOCIÉ

Publication

**EP 3736504 B1 20240320 (EN)**

Application

**EP 18897880 A 20181229**

Priority

- CN 2018125513 W 20181229
- CN 201810001382 A 20180102

Abstract (en)

[origin: EP3736504A1] A pipe protecting support and an air conditioner are provided in the present invention, which related to the field of air conditioning. The pipe protecting support includes a pipe protecting member and mounting members. The pipe protecting member is provided inside with a pipe protecting cavity for receiving a pipeline bundle, the pipe protecting member is connected to the mounting members. The pipe protecting member is used to be detachably connected to the wall-mounted plate, and the mounting members are used to be rotatably connected to the upper base. Compared to the prior art, the pipe protecting support of the present invention may prevent the pipe cutting phenomenon during mounting and disassembly of the air conditioner due to the adoption of the pipe protecting member provided with the pipe protecting cavity and the mounting member rotatably connected to the upper base, and may be easily to mount and disassembly, so that the process of maintenance is simple, and time and effort are saved while having good safety performance.

IPC 8 full level

**F24F 1/00** (2019.01); **B65D 59/00** (2006.01); **F24F 1/0068** (2019.01); **F24F 13/02** (2006.01); **F24F 13/20** (2006.01)

CPC (source: CN EP)

**F24F 1/0003** (2013.01 - CN); **F24F 1/0057** (2019.01 - EP); **F24F 1/0068** (2019.01 - EP); **F24F 13/0254** (2013.01 - CN); **F24F 13/20** (2013.01 - CN); **F24F 13/20** (2013.01 - EP); **F24F 2221/32** (2013.01 - EP)

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 3736504 A1 20201111; EP 3736504 A4 20210915; EP 3736504 B1 20240320; EP 3736504 C0 20240320;** AU 2018399202 A1 20200326; AU 2018399202 B2 20210506; CN 108019834 A 20180511; CN 108019834 B 20240315; JP 2021503064 A 20210204; NZ 765686 A 20220225; WO 2019134624 A1 20190711

DOCDB simple family (application)

**EP 18897880 A 20181229;** AU 2018399202 A 20181229; CN 201810001382 A 20180102; CN 2018125513 W 20181229; JP 2020524336 A 20181229; NZ 76568618 A 20181229