

Title (en)
Indoor unit of air conditioner

Title (de)
Innenraumeinheit einer Klimaanlage

Title (fr)
Unité d'intérieur de climatiseur

Publication
EP 2716991 B1 20190320 (EN)

Application
EP 13186988 A 20131002

Priority
JP 2012223487 A 20121005

Abstract (en)
[origin: EP2716991A2] Provided is an indoor unit (1) of an air conditioner capable of preventing breakage and damage to a pipe cover (13) and to other equipment when the indoor unit (1) falls down, and also capable of providing the pipe cover (13) commonly used for a change in capacity of the indoor heat exchanger (4). The indoor unit (1) of an air conditioner includes: a unit body (2) in which an indoor heat exchanger (4) is disposed; and a pipe cover (13) that covers a front of an exposed portion of heat exchanger piping (12) at an end portion of the indoor heat exchanger (4), and that prevents water drops dew-condensed on a surface of the heat exchanger piping (12) from splashing, wherein the pipe cover (13) includes an end fixing portion (15) fixedly disposed to the heat exchanger piping (12) of the indoor heat exchanger (4); a counter-end fixing portion (16) fixedly disposed to the unit body (2), or to other equipment fixedly disposed in the unit body (2); and an impact absorbing portion (17) provided at an appropriate position between the end fixing portion (15) and the counter-end fixing portion (16) of the pipe cover (13). Figure 4A, 4B, 4C, 4D, 4E

IPC 8 full level
F24F 13/22 (2006.01); **F24F 1/0063** (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP US)
F24F 1/0063 (2019.01 - EP US); **F24F 1/0068** (2019.01 - EP); **F24F 13/20** (2013.01 - EP US); **F24F 13/22** (2013.01 - EP); **F24F 2221/00** (2013.01 - EP)

Cited by
EP3751215A4; EP3751215B1

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 2716991 A2 20140409; **EP 2716991 A3 20180418**; **EP 2716991 B1 20190320**; ES 2720902 T3 20190725; JP 2014074574 A 20140424; JP 6195433 B2 20170913

DOCDB simple family (application)
EP 13186988 A 20131002; ES 13186988 T 20131002; JP 2012223487 A 20121005