

Title (en)  
TRANSMISSION RELAY AND AIR-CONDITIONING APPARATUS USING SAME

Title (de)  
ÜBERTRAGUNGSRELAIS UND KLIMAAANLAGE DAMIT

Title (fr)  
RELAIS DE TRANSMISSION ET APPAREIL DE CLIMATISATION L'UTILISANT

Publication  
**EP 3327364 A4 20180815 (EN)**

Application  
**EP 15898876 A 20150717**

Priority  
JP 2015070578 W 20150717

Abstract (en)  
[origin: EP3327364A1] A transmission relay device configured to relay communication between an outdoor unit and a plurality of indoor units connected by refrigerant pipes includes: a virtual device setting unit configured to set a virtual indoor unit by unifying two or more of the plurality of indoor units; a data storage unit configured to store an address of the outdoor unit, addresses of the plurality of indoor units, and an address of the virtual indoor unit; a relay processor configured to communicate as the virtual indoor unit with the outdoor unit and relay a signal transmitted from the outdoor unit to the plurality of indoor units, based on the addresses stored in the data storage unit.

IPC 8 full level  
**F24F 11/62** (2018.01); **F24F 11/50** (2018.01); **F24F 11/54** (2018.01); **F24F 11/89** (2018.01)

CPC (source: EP US)  
**F24F 11/50** (2017.12 - EP); **F24F 11/54** (2017.12 - EP); **F24F 11/62** (2017.12 - EP); **F24F 11/89** (2017.12 - EP US)

Citation (search report)

- [A] US 2010106330 A1 20100429 - GROHMAN WOJCIECH [US]
- [A] WO 2014115318 A1 20140731 - MITSUBISHI ELECTRIC CORP [JP], et al
- See references of WO 2017013714A1

Cited by  
EP4060245A4; EP3875863A4

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3327364 A1 20180530; EP 3327364 A4 20180815; EP 3327364 B1 20200513**; JP 6430013 B2 20181128; JP WO2017013714 A1 20180201; WO 2017013714 A1 20170126

DOCDB simple family (application)  
**EP 15898876 A 20150717**; JP 2015070578 W 20150717; JP 2017529187 A 20150717