

Title (en)  
AIR CONDITIONER DEVICE

Title (de)  
KLIMAANLAGE

Title (fr)  
DISPOSITIF DE CLIMATISEUR

Publication  
**EP 2899477 A1 20150729 (EN)**

Application  
**EP 12884858 A 20120920**

Priority  
JP 2012073975 W 20120920

Abstract (en)  
An air-conditioning apparatus includes a refrigerant circuit, a heat medium circuit, and a relay unit that exchanges heat between the refrigerant and the heat medium. The relay unit includes a heat exchange unit that exchanges heat between the refrigerant and the heat medium, and a plurality of heat medium flow switching units that supply the heat medium subjected to heat exchange in the heat exchange unit to plurality of indoor units through branched lines, and the heat exchange unit and the heat medium flow switching units are located in different casings.

IPC 8 full level  
**F25B 1/00** (2006.01); **F24F 3/06** (2006.01); **F24F 3/08** (2006.01); **F24F 5/00** (2006.01); **F24F 11/06** (2006.01); **F25B 13/00** (2006.01); **F25B 25/00** (2006.01); **F25B 29/00** (2006.01)

CPC (source: EP US)  
**F24F 3/065** (2013.01 - EP); **F24F 3/08** (2013.01 - EP); **F24F 11/83** (2017.12 - EP); **F24F 11/84** (2017.12 - EP US); **F25B 13/00** (2013.01 - EP); **F25B 25/005** (2013.01 - EP); **F25B 2313/0231** (2013.01 - EP); **F25B 2313/0233** (2013.01 - EP); **F25B 2313/02743** (2013.01 - EP)

Cited by  
US11156391B2; BE1026557B1; CN108139106A; EP3715735A1; US11359842B2; GB2562299A; GB2562299B; US10451305B2; US11199339B2

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 2899477 A1 20150729**; **EP 2899477 A4 20160518**; **EP 2899477 B1 20200805**; JP 5905110 B2 20160420; JP WO2014045358 A1 20160818; WO 2014045358 A1 20140327

DOCDB simple family (application)  
**EP 12884858 A 20120920**; JP 2012073975 W 20120920; JP 2014536465 A 20120920