

Title (en)
COMPRESSOR UNIT FOR AN AIR CONDITIONER AND HEAT SOURCE UNIT FOR AN AIR CONDITIONER COMPRISING THE COMPRESSOR UNIT AND A HEAT SOURCE UNIT

Title (de)
VERDICHTEREINHEIT FÜR EINE KLIMAANLAGE UND WÄRMEQUEELLEINHEIT FÜR EINE KLIMAANLAGE MIT DER VERDICHTEREINHEIT UND EINER WÄRMEQUEELLEINHEIT

Title (fr)
UNITÉ DE COMPRESSEUR POUR CLIMATISEUR ET UNITÉ DE SOURCE DE CHALEUR POUR UN CLIMATISEUR COMPRENANT L'UNITÉ DE COMPRESSEUR ET UNE UNITÉ DE SOURCE DE CHALEUR

Publication
EP 3081881 A1 20161019 (EN)

Application
EP 15164040 A 20150417

Priority
EP 15164040 A 20150417

Abstract (en)
The present invention suggests a compressor unit for an air conditioner comprising a compressor (37) disposed in a first casing (44), and first and second heat source heat exchanger unit ports (42, 43) configured to connect the compressor unit to a heat source heat exchanger (5) of a heat source heat exchanger unit (31) of the air conditioner, the heat source heat exchanger being disposed in a second casing (2) separate from the first casing and being configured to exchange heat with a heat source, first and second indoor unit ports (46, 47) configured to connect the compressor unit to an indoor heat exchanger (53) of at least one indoor unit (50) of the air conditioner, a first refrigerant piping (49) fluidly connecting the first heat source heat exchanger unit port (43) and the first indoor unit port (46), and a sub-cooling heat exchanger (40) disposed inside the first casing and fluidly connected to the first refrigerant piping for heat transfer with the refrigerant to be flown through the first refrigerant piping.

IPC 8 full level
F25B 13/00 (2006.01); **F24F 1/46** (2011.01); **F24F 1/56** (2011.01)

CPC (source: CN EP US)
F24F 1/08 (2013.01 - CN US); **F24F 1/14** (2013.01 - CN US); **F24F 1/26** (2013.01 - CN US); **F25B 13/00** (2013.01 - CN EP US); **F25B 30/02** (2013.01 - CN US); **F25B 2313/0233** (2013.01 - CN EP US); **F25B 2313/0253** (2013.01 - CN EP US); **F25B 2400/13** (2013.01 - CN EP US); **F25B 2500/12** (2013.01 - CN EP US)

Citation (applicant)
EP 2108897 A1 20091014 - HITACHI APPLIANCES INC [JP]

Citation (search report)
• [A] WO 2011128755 A2 20111020 - SCHUFFENECKER THIERRY [FR]
• [A] GB 828979 A 19600224 - PELLIZZETTI ITALO
• [AD] EP 2108897 A1 20091014 - HITACHI APPLIANCES INC [JP]

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GB2618558A; EP3663673A1; EP4027073A4; EP4027074A4; US2022268499A1; AU2019464673B2

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 3081881 A1 20161019; EP 3081881 A8 20161228; AU 2016249049 A1 20171123; AU 2016249049 B2 20181129; AU 2018202225 A1 20180426; AU 2018202225 B2 20190725; AU 2019240679 A1 20191024; AU 2019240679 B2 20201224; BR 112017021772 A2 20180710; BR 112017021772 B1 20230314; BR 122018004646 A2 20190910; BR 122018004646 B1 20230314; CN 107532807 A 20180102; CN 107532807 B 20200609; CN 108488946 A 20180904; JP 2018084410 A 20180531; JP 2018511771 A 20180426; JP 2019152430 A 20190912; JP 2020041797 A 20200319; JP 6511555 B2 20190515; US 2018128505 A1 20180510; US 2018209669 A1 20180726; WO 2016166988 A1 20161020

DOCDB simple family (application)
EP 15164040 A 20150417; AU 2016249049 A 20160415; AU 2018202225 A 20180328; AU 2019240679 A 20191003; BR 112017021772 A 20160415; BR 122018004646 A 20160415; CN 201680022285 A 20160415; CN 201810281128 A 20160415; JP 2016002045 W 20160415; JP 2017553277 A 20160415; JP 2018019866 A 20180207; JP 2019094738 A 20190520; JP 2019223794 A 20191211; US 201615567020 A 20160415; US 201815934581 A 20180323