

Title (en)
IMPROVED AIR CONDITIONING SYSTEM

Title (de)
VERBESSERTE KLIMAANLAGENSYSYSTEM

Title (fr)
SYSTÈME DE CONDITIONNEMENT D'AIR AMÉLIORÉ

Publication
EP 3113965 A1 20170111 (EN)

Application
EP 15758618 A 20150306

Priority
• AU 2014900754 A 20140306
• AU 2015000126 W 20150306

Abstract (en)
[origin: WO2015131235A1] An air conditioning system for a vehicle having a roof, the air conditioning system having at least one air conditioning unit, with a first chamber and second chamber forming a conditioned air flow plenum having a configured S- shaped air flow path, and an outlet port configured to direct the air flow path in a substantially horizontal plane adjacent to the roof to disperse the air flow away from the air conditioning unit without the need for ducting.

IPC 8 full level
B60H 1/00 (2006.01); **F24F 1/0323** (2019.01); **F24F 1/035** (2019.01)

CPC (source: EP US)
B60H 1/00364 (2013.01 - EP); **F24F 1/0323** (2019.01 - EP US); **F24F 1/035** (2019.01 - EP US); **F24F 1/06** (2013.01 - EP); **F24F 7/025** (2013.01 - EP); **F24F 13/14** (2013.01 - EP); **B60H 1/245** (2013.01 - EP); **B60H 2001/00235** (2013.01 - EP)

Citation (third parties)
Third party : [Dr. Matthias Stolmar](#)
• CN 201497080 U 20100602 - YUGUI SU
• CN 1515845 A 20040728 - MITSUBISHI ELECTRIC CORP [JP]
• CN 1143087 C 20040324 - DAIKIN IND LTD [JP]
• CN 201198846 Y 20090225 - LIEBERT CORP [US]
• CN 202835582 U 20130327 - ZHUHAI GREE ELEC APPLIANCES
• CN 101761989 A 20100630 - JIANGSU JOSUN AIR CONDITIONER
• CN 101761989 B 20110810 - JIANGSU JOSUN AIR CONDITIONER
• CN 1295222 A 20010516 - DAIKIN IND LTD [JP]
• CN 1162660 C 20040818 - DAIKIN IND LTD [JP]

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USD1027143S; USD1010080S; US11933285B2; US11472256B2; US11951798B2; US11034208B2; US11560036B2; US11571945B2; US11376925B2; US11760167B2; USD917036S; US11752827B2; USD1006977S; US11987093B2

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)
WO 2015131235 A1 20150911; AU 2015226832 A1 20160908; AU 2015226832 B2 20190516; AU 2016101949 A4 20161201; AU 2016101949 B4 20170309; AU 2017100215 A4 20170323; CN 106470856 A 20170301; DE 202015009786 U1 20200212; EP 3113965 A1 20170111; EP 3113965 A4 20171004

DOCDB simple family (application)
AU 2015000126 W 20150306; AU 2015226832 A 20150306; AU 2016101949 A 20161107; AU 2017100215 A 20170223; CN 201580023220 A 20150306; DE 202015009786 U 20150306; EP 15758618 A 20150306