

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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Designated contracting state (EPC)  
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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

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**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