

Title (en)  
IMPROVED AIR CONDITIONING SYSTEM

Title (de)  
VERBESSERTE KLIMAANLAGENSYSYSTEM

Title (fr)  
SYSTÈME DE CONDITIONNEMENT D'AIR AMÉLIORÉ

Publication  
**EP 3113965 A4 20171004 (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); **B60H 1/24** (2006.01); **F24F 1/0323** (2019.01); **F24F 1/035** (2019.01); **F24F 7/02** (2006.01); **F24F 13/14** (2006.01)

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 (search report)  
• [X] DE 202005000560 U1 20060524 - WAECO INTERNAT GMBH [DE]  
• [X] EP 1326054 A1 20030709 - DAIKIN IND LTD [JP]  
• [X] CN 201497080 U 20100602 - YUGUI SU  
• [XI] CN 1515845 A 20040728 - MITSUBISHI ELECTRIC CORP [JP]  
• [X] WO 2012169110 A1 20121213 - MITSUBISHI ELECTRIC CORP [JP], et al  
• See references of WO 2015131235A1

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

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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