

Title (en)

RAILWAY VEHICLE PROVIDED WITH CEILING MODULE

Title (de)

SCHIENENFAHRZEUG MIT DECKENMODUL

Title (fr)

VÉHICULE FERROVIAIRE COMPRENANT UN MODULE DE PLAFOND

Publication

EP 3296179 A4 20181219 (EN)

Application

EP 15891823 A 20150512

Priority

JP 2015063630 W 20150512

Abstract (en)

[origin: EP3296179A1] A railway vehicle includes a high roof structure body (36) and a low roof structure body (34), and conditioned air generated by an air conditioner is supplied to inside of the vehicle through an air conditioning duct (80) via air conditioning ducts (92, 93). This air conditioning duct (80) is made up of a circular channel material having an opening surface toward a ceiling panel (83b) arranged below the low roof structure body (34) and the ceiling panel (83b) provided to cover this opening surface. In addition, an ejection port for ejecting air in a substantially horizontal direction toward a center portion of the air conditioning duct (80) so as to cross a flow direction of the conditioned air is provided between the channel material and the ceiling panel (83b).

IPC 8 full level

B61D 27/00 (2006.01); **B60H 1/00** (2006.01)

CPC (source: EP)

B61D 1/00 (2013.01); **B61D 17/12** (2013.01); **B61D 27/0018** (2013.01); **B61D 35/005** (2013.01)

Citation (search report)

- [XAYI] US 2134588 A 19381025 - STACEY JR ALFRED E
- [A] US 2286252 A 19420616 - BERGSTROM CARL O
- [X] US 2422560 A 19470617 - PALMER ROBERT T
- [X] US 2065445 A 19361222 - GALSON HENRY L
- [XY] US 2223940 A 19401203 - RAGSDALE EARL J W, et al
- See references of WO 2016181498A1

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

DOCDB simple family (publication)

EP 3296179 A1 20180321; **EP 3296179 A4 20181219**; **EP 3296179 B1 20200819**; JP 6469853 B2 20190213; JP WO2016181498 A1 20180208; WO 2016181498 A1 20161117

DOCDB simple family (application)

EP 15891823 A 20150512; JP 2015063630 W 20150512; JP 2017517520 A 20150512