

Title (en)

AIR-CONDITIONING ASSEMBLY FOR A RAIL VEHICLE

Title (de)

KLIMATISIERUNGSANORDNUNG FÜR EIN SCHIENENFAHRZEUG

Title (fr)

SYSTÈME DE CLIMATISATION POUR UN VÉHICULE FERROVIAIRE

Publication

EP 2934982 B1 20190918 (DE)

Application

EP 14702602 A 20140204

Priority

- DE 102013203375 A 20130228
- EP 2014052131 W 20140204

Abstract (en)

[origin: CA2902639A1] The invention relates to an air-conditioning assembly for a rail vehicle, comprising an air distribution box (1), which has an air inlet (2) and at least two air outlets (5, 6) for connecting to outgoing air ducts, wherein a throttling device (7, 8) is associated with each air outlet (5, 6), which throttling device is arranged between the air outlet (5, 6) and an air division chamber (4) inside the air distribution box (1), in which air division chamber the air flow coming from the air inlet (2) is divided into at least two partial air flows, wherein pressure loss factors of the at least two throttling devices (7, 8) are selected in such a way that a specified value results for a ratio of volumetric air flows at the at least two air outlets (5, 6).

IPC 8 full level

B61D 27/00 (2006.01)

CPC (source: EP RU US)

B61D 27/0018 (2013.01 - EP US); **B61D 27/009** (2013.01 - US); **B61D 27/00** (2013.01 - RU)

Citation (examination)

DE 102005031912 A1 20070111 - SIEMENS AG [DE]

Cited by

CN109311490A

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)

DE 102013203375 A1 20140828; CA 2902639 A1 20140904; CN 205113344 U 20160330; EP 2934982 A1 20151028; EP 2934982 B1 20190918; ES 2761549 T3 20200520; PT 2934982 T 20191127; RU 2015140980 A 20170403; RU 2633610 C2 20171013; US 2016001790 A1 20160107; WO 2014131582 A1 20140904

DOCDB simple family (application)

DE 102013203375 A 20130228; CA 2902639 A 20140204; CN 201490000457 U 20140204; EP 14702602 A 20140204; EP 2014052131 W 20140204; ES 14702602 T 20140204; PT 14702602 T 20140204; RU 2015140980 A 20140204; US 201414771265 A 20140204