

Title (en)

RAIL VEHICLE WITH RECEPTACLE SPACE UNDERNEATH THE FLOOR

Title (de)

SCHIENENFAHRZEUG MIT AUFNAHMERAUM UNTERHALB DES BODENS

Title (fr)

VÉHICULE FERROVIAIRE COMPRENANT UN COMPARTIMENT DE RÉCEPTION EN DESSOUS DU PLANCHER

Publication

EP 2681094 B1 20160824 (DE)

Application

EP 12707514 A 20120228

Priority

- DE 102011013175 A 20110228
- EP 2012053323 W 20120228

Abstract (en)

[origin: WO2012116971A1] The invention relates to a rail vehicle, in particular a component of a high-speed train, wherein ° the rail vehicle has a car body with a floor which bounds in the downward direction a car body interior space for transporting passengers and/or freight ° a receptacle space (401) for holding devices (411, 412, 413, 417) of the vehicle is formed underneath the floor, wherein the receptacle space (401) has margins on all sides, has at least one air inlet opening (424, 425, 426, 427) and at least one air outlet opening (419, 420, 421) and is protected against the ingress of dirt, ° the at least one air inlet opening (424, 425, 426, 427) opens a main air volume of the receptacle space (401) to the surroundings of the rail vehicle, wherein the main air volume contains the greater part of the air in the receptacle space (401) and therefore forms a reservoir for cooling air, ° at least one device (411, 412, 413, 417) is arranged in the receptacle space (401), and at least one fan (410, 415), which, during the operation of the fan (410, 415), accelerates air from the main air volume, with the result that air flows to at least one device to be cooled.

IPC 8 full level

B61C 17/00 (2006.01); **B61D 27/00** (2006.01); **B61F 1/08** (2006.01)

CPC (source: EP)

B61C 17/00 (2013.01); **B61D 27/0072** (2013.01); **B61F 1/08** (2013.01)

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 102011013175 A1 20120830; CN 103502077 A 20140108; CN 103502077 B 20170222; EP 2681094 A1 20140108; EP 2681094 B1 20160824; ES 2603638 T3 20170228; WO 2012116971 A1 20120907

DOCDB simple family (application)

DE 102011013175 A 20110228; CN 201280020859 A 20120228; EP 12707514 A 20120228; EP 2012053323 W 20120228; ES 12707514 T 20120228