

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

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Application

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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

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