Title (en)

RAILROAD VEHICLE CARRIAGE

Title (de)

SCHIENENFAHRZEUGWAGEN

Title (fr)

CHARIOT DE VÉHICULE DE CHEMIN DE FER

Publication

EP 3012172 B1 20200212 (EN)

Application

EP 14814492 A 20140619

Priority

- JP 2013128697 A 20130619
- JP 2014066299 W 20140619

Abstract (en)

[origin: EP3012172A1] To reduce a decrease in a wheel load on the outer rail side of the front axle that occurs when traveling at low speed, particularly in an exit easement curve section. A bogie for a railway vehicle having a bogie frame 22 supported by axle springs 10 disposed on axle boxes 9 which rotatably support a wheel set 7, with air springs 4 disposed on both sides of the railway vehicle in a width direction of the bogie frame, each of the air springs 4 being provided with an automatic height adjusting device 6 for maintaining a constant height of a vehicle body 5 which is supported by the air springs 4. The axle boxes 9 are disposed at positions closer to the center side of the railway vehicle in the width direction than the wheels 7b attached to both sides of a shaft 7a which constitutes a wheel set 7, and a height detection position of the automatic height adjusting device 6 is detected at a position between an axial center of the air springs 4 and an axial center of the axle springs 10. It becomes possible to improve the ability to pass through exit easement curve sections.

IPC 8 full level

B61F 5/30 (2006.01); **B60G 17/052** (2006.01); **B60G 99/00** (2010.01); **B61F 5/10** (2006.01); **B61F 5/22** (2006.01)

CPC (source: EP)

B61F 5/10 (2013.01); **B61F 5/22** (2013.01); **B61F 5/301** (2013.01)

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DOCDB simple family (publication)

EP 3012172 A1 20160427; **EP 3012172 A4 20170308**; **EP 3012172 B1 20200212**; CN 105339233 A 20160217; CN 105339233 B 20170804; JP 6079881 B2 20170215; JP WO2014203971 A1 20170223; WO 2014203971 A1 20141224

DOCDB simple family (application)

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