

Title (en)
Railway vehicle bogie

Title (de)
Schienenfahrzeugfahrgestell

Title (fr)
Bogie de véhicule ferroviaire

Publication
EP 2660120 A1 20131106 (EN)

Application
EP 12180801 A 20120817

Priority

- CN 201220193623 U 20120503
- CN 201220193602 U 20120503
- CN 201220193656 U 20120503
- CN 201210136640 A 20120504
- CN 201210135845 A 20120504
- CN 201220197013 U 20120504
- CN 201220198127 U 20120504

Abstract (en)

A railway vehicle bogie comprises a frame, a bolster, a wheel set assembly, an axle box suspension system, a longitudinal traction device and a hanger rod device. Wherein, the bolster is connected with the frame through the hanger rod device, and the frame is suspended above the wheel set assembly through an axle box; and one end of the longitudinal traction device is connected with the frame, and the other end of the longitudinal traction device is connected with the bolster and used for transferring a force along a longitudinal direction between the frame and the bolster.

According to the railway vehicle bogie provided by an embodiment, the longitudinal traction device is arranged between the frame and the bolster and can transfer the longitudinal force between the frame and the bolster, so that the longitudinal traction device is more proper compared with the longitudinal stop for transferring the longitudinal force in the prior art; in addition, the hanger rod device with a novel structure in the railway vehicle bogie provided by an embodiment can effectively avoid the problem of abrasion in the hanger rod device in the prior art.

IPC 8 full level
B61F 5/04 (2006.01)

CPC (source: EP)
B61F 5/04 (2013.01)

Citation (search report)

- [X] DE 1605129 A1 19710211 - GOERLITZ WAGGONBAU VEB
- [X] CH 543416 A 19731031 - LINKE HOFMANN BUSCH [DE]
- [X] FR 909108 A 19460430 - SCHWEIZERISCHE LOKOMOTIV
- [I] BE 571575 A

Cited by
RU170480U1; CN114084189A; CN114044016A; CN114701535A; RU2678797C1; CN110155098A; RU171017U1; JP2018144685A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2660120 A1 20131106; EP 2660120 B1 20170628

DOCDB simple family (application)
EP 12180801 A 20120817