

Title (en)

BOGIE FOR RAILROAD CAR, AND RAILROAD CAR PROVIDED WITH BOGIE

Title (de)

DREHGESTELL FÜR EISENBAHNWAGEN UND EISENBAHNWAGEN MIT EINEM DREHGESTELL

Title (fr)

BOGIE POUR WAGON DE CHEMIN DE FER, ET WAGON DE CHEMIN DE FER ÉQUIPÉ DE CE BOGIE

Publication

EP 3492392 A1 20190605 (EN)

Application

EP 17833989 A 20170706

Priority

- JP 2016150796 A 20160729
- JP 2017024862 W 20170706

Abstract (en)

A bogie includes: a first frame body (10) which includes a right side beam (11) and a first cross beam (12); a second frame body (20) which includes a left side beam (21) and a second cross beam (22); and a bolster (56). The first and second frame bodies (10, 20) support each other in a slidable manner in a longitudinal direction. A center portion of the bolster (56) is supported by a core receiver (30). The bolster (56) and the first cross beam (12) are supported in a flexible manner by a first connecting portion (52A) disposed on the right side of the core receiver (30), and the bolster (56) and the second cross beam (22) are supported in a flexible manner by a second connecting portion (52B) disposed on the left side of the core receiver (30). With such a configuration, fluctuation in lateral force and wheel load at a curved railroad track can be suppressed.

IPC 8 full level

B64F 5/40 (2017.01); **B61C 9/38** (2006.01); **B61F 5/10** (2006.01); **B61F 5/14** (2006.01); **B61F 5/30** (2006.01); **B61F 5/40** (2006.01); **B61F 5/52** (2006.01); **B61H 7/00** (2006.01)

CPC (source: EP)

B61F 3/04 (2013.01); **B61F 5/14** (2013.01); **B61F 5/16** (2013.01); **B61F 5/40** (2013.01); **B61F 5/44** (2013.01); **B61H 1/00** (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3492392 A1 20190605; **EP 3492392 A4 20190814**; **EP 3492392 B1 20210120**; CN 109476380 A 20190315; CN 109476380 B 20220315; JP 6624293 B2 20191225; JP WO2018020980 A1 20190404; WO 2018020980 A1 20180201

DOCDB simple family (application)

EP 17833989 A 20170706; CN 201780046144 A 20170706; JP 2017024862 W 20170706; JP 2018529474 A 20170706