

Title (en)  
BOGIE FOR RAILWAY VEHICLE

Title (de)  
DREHGESTELL FÜR SCHIENENFAHRZEUG

Title (fr)  
BOGIE POUR VÉHICULE FERROVIAIRE

Publication  
**EP 3339130 A1 20180627 (EN)**

Application  
**EP 15901703 A 20150819**

Priority  
JP 2015073216 W 20150819

Abstract (en)  
Provided is an inner-frame type railroad-car bogie in which reduction in weight is promoted and stress on connection portions between side beams and crossbeams forming secondary spring receivers can be reduced. A railroad-car bogie includes: two side beams separately arranged in a rail direction; two crossbeams separately arranged in a railroad tie direction; and secondary spring receivers on each of which a secondary spring supporting a car body is placed, in which: each of the secondary spring receivers is a box including end portions in the railroad tie direction of the crossbeams, a center portion in the rail direction of the side beam, an upper plate connecting upper portions of the end portions and an upper portion of the center portion, a lower plate connecting lower portions of the end portions and a lower portion of the center portion, and a side plate connecting end portions in the railroad tie direction of the upper plate and the lower plate; and the lower plate has a lighting hole.

IPC 8 full level  
**B61F 5/52** (2006.01)

CPC (source: EP)  
**B61F 5/52** (2013.01)

Cited by  
CN112622971A

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 3339130 A1 20180627; EP 3339130 A4 20190417; EP 3339130 B1 20220323**; JP 6420485 B2 20181107; JP WO2017029721 A1 20180510; WO 2017029721 A1 20170223

DOCDB simple family (application)  
**EP 15901703 A 20150819**; JP 2015073216 W 20150819; JP 2017535187 A 20150819