

Title (en)

RAIL VEHICLE UNDERFRAME STRUCTURE AND RAIL VEHICLE

Title (de)

SCHIENENFAHRZEUGUNTERGESTELLSTRUKTUR UND SCHIENENFAHRZEUG

Title (fr)

STRUCTURE DE CAISSE DE VÉHICULE FERROVIAIRE ET VÉHICULE FERROVIAIRE

Publication

**EP 3865368 A4 20220615 (EN)**

Application

**EP 18933737 A 20181011**

Priority

JP 2018037904 W 20181011

Abstract (en)

[origin: EP3865368A1] To provide a rail vehicle and an underframe structure of a rail vehicle having a high assembling performance and high reliability. In an underframe structure of a rail vehicle having side beams 11 coupled to a vehicle structure 1 and bolster beams 13 coupled to a truck, adapters 15 each being attached to the side beam 11 and each having a plurality of projection portions 16 arranged along a vehicle longitudinal direction are provided, the bolster beam 13 includes keys 18 protruding along the vehicle longitudinal direction, and the key 18 and the projection portions 16 are fastened, using bolts BT extending in the vehicle longitudinal direction, in a state where the key 18 is disposed between the projection portions 16 of the adapter 15.

IPC 8 full level

**B61F 1/00** (2006.01); **B61F 5/02** (2006.01); **B61F 5/14** (2006.01)

CPC (source: EP)

**B61F 1/00** (2013.01); **B61F 5/14** (2013.01)

Citation (search report)

- [A] WO 2017104052 A1 20170622 - HITACHI LTD [JP], et al
- See references of WO 2020075264A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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