

Title (en)

Railway wagon for the transportation of bulk loads, especially road vehicles

Title (de)

Eisenbahngüterwagen zum Befördern von grossen Lasten, insbesondere Strassenfahrzeugen

Title (fr)

Wagon de marchandises pour le transport de gros chargements, en particulier de véhicules routiers

Publication

EP 1757508 A3 20070314 (EN)

Application

EP 05466019 A 20051128

Priority

CZ 200541 A 20050120

Abstract (en)

[origin: EP1757508A2] Railway wagon for the transportation of bulk loads, especially road vehicles wherein it contains a flexurally and torsionally stiff platform (1) for the load transportation that is at least at one end connected to the wagon bogie (3) by means of at least one lever (2), the platform (1) and the levers (2) being movable approximately planarly between the transportation position and the load handling position and the lever (2) is connected to the platform (1) with not more than two rotary joints (4) or rotary-translating joints, located at the platform (1) end, if the joint is one it is located near the platform (1) end center and optionally able of uncoupling, if the joints are two they are located at the platform (1) end corners and able of uncoupling, the lever (2) second end being connected through at least one rotary or rotary-translating joint, permanent or able of uncoupling, to the wagon bogie (3) or another lever (2), platform (1) or other part connected with at least one axle of the wagon, the lever (2) length being constant or variable and the lever (2) and/or platform (1) is equipped with eyes (23) for the road vehicle connecting and/or with handles (34) and/or with mechanical or other turning means through which the lever (2) or platform (1) is connected to the bogie (3), lever (2), platform (1), wagon axle or connectable to the object outside of the wagon and that are driven manually or by an external resource.

IPC 8 full level

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CPC (source: EP)

B61D 3/04 (2013.01); **B61D 3/184** (2013.01); **B61D 47/005** (2013.01)

Citation (search report)

- [A] FR 2828457 A1 20030214 - PLAUD ALAIN [FR]
- [A] WO 9637396 A1 19961128 - ERIKSSON JAN [SE]
- [A] DE 19911445 A1 20000914 - DWA DEUTSCHE WAGGONBAU GMBH [DE]
- [A] DE 3234374 A1 19840322 - TALBOT WAGGONFAB [DE]
- [A] EP 0900707 A1 19990310 - DWA DEUTSCHE WAGGONBAU GMBH [DE]
- [A] EP 1348603 A1 20031001 - BARTOS CASTELO FELIPE [CH]

Cited by

KR20170002934A; US10053306B2; WO2017192454A3; US9919881B2; US10017337B1

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