

Title (en)

A rail car for the carriage and transportation of commercial road vehicles.

Title (de)

Schienentransportwagen für Nutzfahrzeuge.

Title (fr)

Wagon de transport de véhicules commerciaux.

Publication

EP 0463283 B1 19950628 (EN)

Application

EP 90830478 A 19901023

Priority

IT 356890 A 19900625

Abstract (en)

[origin: EP0463283A1] In a railway transport car for road vehicles which has two bogies (1, 2), one at each end, and a fixed frame (6) that consists in a pair of parallel beams (6a, 6b) interconnecting two flat car bodies (6c, 6d) mounted each by way of a spherical bearing (40) to a relative bogie, the road vehicle (5) is loaded onto a rigid cradle structure (4) resting on the flat car bodies (6c, 6d) at either end, which can be elevated by a platform (7) positioned centrally beneath and permanently associated with the deck of the cradle, and rotated thus between an inboard position and an outboard position, supported during the manoeuvre by a single slewing mechanism (9) coinciding axially with its centre of gravity (X) when loaded; in addition, the platform (7) and the beams (6a, 6b) are connected through a mechanical interlock (60), in such a way that the elevating movement of the cradle causes the beams to lift and flex, distancing the flat cars (6c, 6d) from each other longitudinally to gain increased clearance. <IMAGE>

IPC 1-7

B61D 3/18; **B61D 47/00**

IPC 8 full level

B61D 3/18 (2006.01); **B61D 47/00** (2006.01)

CPC (source: EP)

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

Cited by

EP2228278A1; CN104527689A; EP0768226A3; CN111137315A; CN110450796A; EP0622284A1; CN104828101A; CN104828033A; CN111301449A; EP0933278A1; FR2774054A1; EP1348603A1; EP3299244A1; CN113049271A; WO9318951A1

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EP 90830478 A 19901023; AT 90830478 T 19901023; DE 69020545 T 19901023; IT 356890 A 19900625; PL 29027291 A 19910516; YU 79291 A 19910506