

Title (en)
RAILWAY GOODS WAGON.

Title (de)
EISENBAHNGÜTERWAGEN.

Title (fr)
WAGONS A MARCHANDISES.

Publication
EP 0539391 B1 19940119 (DE)

Application
EP 91911700 A 19910704

Priority
DE 4023367 A 19900723

Abstract (en)
[origin: WO9201595A1] A railway goods wagon essentially has a loading platform (1) and two single-axle (15) or two double-axle running carriages (6-9) with fixedly clamped sets of wheels (8). The loading platform (1) is mounted on the single-axle (15) or double-axle running carriages (6-9) by means of carrying leaf springs (4). The single-axle (15) or double-axle running carriages (6-9) are guided under the loading platform (1) only by vertical guiding elements (10) or axle holder bars (18) arranged on the loading platform (1) and by the axle boxes (16) of the single axles (15) or the frame (7) of the double-axle running carriage. The single-axle (15) or double-axle running carriage (6-9) can thus be vertically moved, can pivot horizontally over a limited angle and can be transversally moved in relation to the loading platform (1). The aim of the invention consists in designing a railway goods wagon that can be driven under goods to be loaded, in particular interchangeable containers, the loading platform (1) of which can be lifted and lowered again into the running position once the goods to be loaded have been deposited onto the loading platform (1), and that can be loaded and unloaded without the need for loading machines extraneous to the wagon. For that purpose, lifting elements are arranged between the axle box cases (16) of the single-axle (15) or the frame (7) of the double-axle running carriage (6-9) on the one hand and the carrying leaf springs (4) on the other hand. The loading platform (1) with the carrying leaf springs (4) can be lifted in relation to the single-axle (15) or double-axle running carriage (6-9) by means of these lifting elements (13).

IPC 1-7
B61F 5/30; **B61F 5/32**

IPC 8 full level
B61D 3/20 (2006.01); **B61D 5/00** (2006.01); **B61D 47/00** (2006.01); **B61F 5/30** (2006.01); **B61F 5/32** (2006.01)

IPC 8 main group level
B61F (2006.01)

CPC (source: EP)
B61D 3/20 (2013.01); **B61D 5/00** (2013.01); **B61D 47/005** (2013.01); **B61F 5/32** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9201595 A1 19920206; AT E100388 T1 19940215; CS 225591 A3 19920219; CZ 279753 B6 19950614; DE 4023367 A1 19920130; DE 59100914 D1 19940303; DK 0539391 T3 19940530; EP 0539391 A1 19930505; EP 0539391 B1 19940119; ES 2050543 T3 19940516; FI 930235 A0 19930121; FI 930235 A 19930121; HR P930621 A2 19960430; HR P930621 B1 19980630; HU 9300042 D0 19930428; HU T63363 A 19930830; NO 930131 D0 19930114; NO 930131 L 19930114; PT 98411 A 19930930; PT 98411 B 19990129; SK 225591 A3 19950105; SK 279331 B6 19981007; TR 25390 A 19930301; YU 120391 A 19960109; YU 48076 B 19970108

DOCDB simple family (application)
EP 9101249 W 19910704; AT 91911700 T 19910704; CS 225591 A 19910719; DE 4023367 A 19900723; DE 59100914 T 19910704; DK 91911700 T 19910704; EP 91911700 A 19910704; ES 91911700 T 19910704; FI 930235 A 19930121; HR P930621 A 19930331; HU 4293 A 19910704; NO 930131 A 19930114; PT 9841191 A 19910722; SK 225591 A 19910719; TR 71291 A 19910723; YU 120391 A 19910708