

Title (en)
RUNNING GEAR FOR LOW-PLATFORM WAGGONS.

Title (de)
FAHRWERK FÜR NIEDERFLURWAGEN.

Title (fr)
CHASSIS POUR WAGONS A PLATE-FORME SURBAISSEE.

Publication
EP 0565676 B1 19950628 (DE)

Application
EP 92922295 A 19921030

Priority
• DE 4136926 A 19911111
• EP 9202490 W 19921030

Abstract (en)
[origin: US5415107A] A running gear for drop-frame rail vehicles includes a running-gear frame on which individual wheels are each rotatably mounted through a respective rocker and the rocker is fastened in an articulated manner and supported through primary springs. The connection of the running-gear frame to the carriage body of the drop-frame rail vehicle is provided through two articulated rods which are mounted on a crossmember of the running gear frame and which are fastened to the carriage body. The carriage body is supported on the running-gear frame through secondary springs which are mounted in pockets of the transverse ends of the crossmembers. Transverse stops which are disposed in the crossmember limit the transverse movement of the carriage body in relation to the running gear. Advantageously, the individual wheel and the drive of the individual wheel are mounted in the rocker in such a manner as to be connected to form a structural unit. This structure provides running gears for drop-frame rail vehicles in which the drop-frame nature of the carriage body is completely preserved and only wheel cases are present in the region of the individual wheels of the running gear.

IPC 1-7
B61F 3/16; **B61F 5/02**; **B61F 5/24**; **B61D 13/00**

IPC 8 full level
B61D 13/00 (2006.01); **B61F 3/16** (2006.01); **B61F 5/02** (2006.01); **B61F 5/24** (2006.01); **B61F 5/32** (2006.01)

CPC (source: EP US)
B61F 3/16 (2013.01 - EP US); **B61F 5/325** (2013.01 - EP US)

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

DOCDB simple family (publication)
US 5415107 A 19950516; AT E124349 T1 19950715; AU 2878592 A 19930615; AU 654220 B2 19941027; BG 61185 B1 19970228; BG 98017 A 19941202; BR 9205421 A 19940315; CA 2100357 A1 19930512; CA 2100357 C 20021029; CZ 134693 A3 19940216; CZ 281043 B6 19960612; DE 4136926 A1 19930513; DE 59202737 D1 19950803; DK 0565676 T3 19951106; EP 0565676 A1 19931020; EP 0565676 B1 19950628; ES 2096773 T3 19970316; GR 3017464 T3 19951231; HU 217710 B 20000428; HU 9301785 D0 19930928; HU T65953 A 19940829; JP 3476816 B2 20031210; JP H06504508 A 19940526; NO 177342 B 19950522; NO 177342 C 19950830; NO 932333 D0 19930624; NO 932333 L 19930624; PL 171699 B1 19970630; PL 299998 A1 19940124; PT 101118 A 19940531; PT 101118 B 20000229; RO 113966 B1 19981230; SI 9200279 A 19930630; SK 280427 B6 20000214; SK 73793 A3 19931006; TR 26485 A 19950315; WO 9309989 A1 19930527

DOCDB simple family (application)
US 9059093 A 19930712; AT 92922295 T 19921030; AU 2878592 A 19921030; BG 9801793 A 19930804; BR 9205421 A 19921030; CA 2100357 A 19921030; CS 134693 A 19921030; DE 4136926 A 19911111; DE 59202737 T 19921030; DK 92922295 T 19921030; EP 9202490 W 19921030; EP 92922295 A 19921030; ES 92922295 T 19921030; GR 950402424 T 19950921; HU 9301785 A 19921030; JP 50892093 A 19921030; NO 932333 A 19930624; PL 29999892 A 19921030; PT 10111892 A 19921210; RO 9300915 A 19921030; SI 9200279 A 19921023; SK 73793 A 19921030; TR 106892 A 19921109