

Title (en)
Rail vehicle unit with a traction linkage

Title (de)
Schienenfahrzeugeinheit mit Zugvorrichtung

Title (fr)
Unité de véhicule ferroviaire avec liaison de traction

Publication
EP 2500233 A1 20120919 (EN)

Application
EP 11158521 A 20110316

Priority
EP 11158521 A 20110316

Abstract (en)
The present invention relates to a rail vehicle unit comprising a running gear frame (104) of a running gear, a supported vehicle component (111), and a traction linkage element (112.1), the running gear frame (104) defining a longitudinal direction, a transverse direction and a height direction. The running gear frame (104) is substantially H-shaped and comprises two longitudinal beams (104.2) and one transverse beam (104.1) providing a structural connection between the longitudinal beams (104.2) in the transverse direction. The supported vehicle component (111) is supported on the running gear frame (104) via a spring unit. The supported vehicle component (111) and the running gear frame (104) are connected in the longitudinal direction via the traction linkage element (112.1), a first end of the traction linkage element (112.1), in a first articulation location, being articulated to the running gear frame (104) and a second end of the traction linkage element (112.1), in a second articulation location, being articulated to the supported vehicle component (111). The transverse beam (104.1) is a substantially box shaped element formed by a plurality of wall elements (104.3 to 104.6), the traction linkage element (112.1) being received within the transverse beam (104.1) and being connected to a console element (113). The console element (113) reaches into the transverse beam (104.1) and is connected to the supported vehicle component (111).

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B61F 5/52 (2006.01)

CPC (source: EP)
B61F 5/02 (2013.01); **B61F 5/52** (2013.01)

Citation (applicant)
• EP 0831003 B1 20041229 - BOMBARDIER TRANSP GMBH [DE]
• DE 3701424 A1 19880728 - GUTEHOFFNUNGSHUETTE MAN [DE]

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