

Title (en)

Low construction height bogie for low-floor rail vehicles especially trams

Title (de)

Drehgestell mit niedriger Bauhöhe für Niederflur-Schienenfahrzeuge, insbesondere Straßenbahnen

Title (fr)

Bogie de construction de faible hauteur pour véhicules ferroviaires à plancher bas, en particulier des tramways

Publication

EP 2020355 B1 20121024 (EN)

Application

EP 08466019 A 20080729

Priority

CZ 2007519 A 20070803

Abstract (en)

[origin: EP2020355A1] The low building height bogie intended for low-floor vehicles especially trams is installed so that the side rotary bogie (1) is composed of one cradle (16a), always placed approximately in the middle of the bogie, and the middle bogie (2) is composed of two cradles (16b), of which each is situated between one pair of opposite wheels with common axis of rotation. The wheels (5) of the bogie (1,2) are fixed by means of pinned bearings of the axle (11), which are bent downwards in the middle part, whereas the axle (11) contains gaps (11a) intended for insertion of the primary springing system (6). The primary springing system (6) carries the bogie chassis (12a), (12b) in which there are gaps from below (12c) intended for insertion of the primary springing system (6).

IPC 8 full level

B61D 13/00 (2006.01); **B61F 3/12** (2006.01)

CPC (source: EP)

B61D 13/00 (2013.01); **B61F 3/125** (2013.01)

Cited by

DE102013002096A1; EP2918472B1; EP3459809A4

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