

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 A1 20090204 (EN)**

Application

**EP 08466019 A 20080729**

Priority

CZ 2007519 A 20070803

Abstract (en)

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)

Citation (applicant)

- EP 1741610 A2 20070110 - VUKV AS [CZ], et al
- CZ 297213 B6 20061011 - VAKV A S [CZ], et al

Citation (search report)

- [DXY] EP 1741610 A2 20070110 - VUKV AS [CZ], et al
- [Y] FR 2457205 A1 19801219 - SAB INDUSTRI AB [SE]
- [Y] GB 2289877 A 19951206 - ABB RAIL VEHICLES LTD [GB]
- [A] US 6550395 B1 20030422 - CARVALHO HARAO MARCELO DE OLIV [BR]

Cited by

DE102013002096A1; EP2918472B1; EP3459809A4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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