

Title (en)

Low-deck articulated rail vehicle, particularly a tram

Title (de)

Gelenkiges Niederflur- Schienenfahrzeug, insbesondere eine Strassenbahn

Title (fr)

Véhicule ferroviaire articulé à plancher surbaissé, en particulier un tram

Publication

EP 1741610 B1 20190605 (EN)

Application

EP 06466006 A 20060703

Priority

CZ 2005436 A 20050704

Abstract (en)

[origin: EP1741610A2] Low-deck articulated rail vehicle, particularly a tram, in either 2-car 3-bogie configuration or extended by at least one middle car and one bogie, always equipped with one rotatable end bogie /1/ under both, the front and the rear parts of the vehicle, and by one middle bogie /2/ under each joint, i.e. connection between the vehicle sections, while both the adjacent bodies of the vehicle are rotatably mounted on each middle bogie /2/, each in its own attachment point /3/, while there are the elements of the primary and secondary springing /5/ located in the space between the pairs of individually mounted wheels and drives and brakes, particularly motors, gear boxes, disc brakes and track brakes /6/ are located at the outer sides of wheels with respect to the vehicle longitudinal axis. which allows the floor to be at low standard level even over the bogies, where it is just slightly elevated compared to the rest of the passenger space, while both the floor levels are connected with a barrier free transition consisting of gradually elevated ramps, while the standard passing width of the vehicle is met.

IPC 8 full level

B61D 13/00 (2006.01); **B61F 3/12** (2006.01); **B61F 3/16** (2006.01)

CPC (source: EP)

B61D 13/00 (2013.01); **B61F 3/125** (2013.01); **B61F 3/16** (2013.01)

Cited by

EP2020355A1; CN106080642A; CN104512431A; CN105923004A; RU177252U1; RU179776U1; EP2855230A4; DE202009010163U1; WO2017202221A1; EP3164313B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1741610 A2 20070110; EP 1741610 A3 20080507; EP 1741610 B1 20190605; CZ 2005436 A3 20061011; CZ 297213 B6 20061011

DOCDB simple family (application)

EP 06466006 A 20060703; CZ 2005436 A 20050704