

Title (en)

Twin-engined central bogie for low-floored rail vehicles with two or more articulated bodies.

Title (de)

Zweimotoriges Zwischendrehgestell für zwei- oder mehrgliedrige Schienenfahrzeuge mit tiefgezogenem Boden.

Title (fr)

Bogie intermédiaire bimoteur pour véhicules ferroviaires à plancher surbaissé, formés de deux ou plus caisses articulées.

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Application

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Priority

IT 6775686 A 19861006

Abstract (en)

A twin-engined two-axled central bogie for railway and for tramway vehicles with two or more articulated bodies, including two cross members (1, 2) carrying the wheels (9) and pivotably interconnected by means of two side members (3), and a central longitudinal structure (4) whose ends (4c) rest on two pneumatic springs (12, 13) carried by respective central platforms (5, 6) formed by the cross members. The central structure carries means for the articulated connection of the articulating ends (E1, E2) of the bodies of the vehicle, and there are provided tie means (20) for connecting the two cross members to this structure in order to prevent longitudinal movement, as well as lateral restraining means (23, 24) for limiting transverse movement. Two drive motors (50, 51), situated at the sides of the bogie and resiliently connected to the side members, drive the wheels (9) of the respective sides through longitudinal drive-shafts (55, 56) and geared reduction units (57). A differential (58) may be coupled to each motor to divide the drive between the wheels on the respective side.

IPC 1-7

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Cited by

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