

Title (en)

Running gear for low-floor rail vehicles

Title (de)

Fahrwerk für Niederflur-Schienenfahrzeuge

Title (fr)

Train de roulement pour véhicules ferroviaires à plancher bas

Publication

EP 0689981 A1 19960103 (EN)

Application

EP 94830526 A 19941104

Priority

IT TO940537 A 19940630

Abstract (en)

A running gear for low-floor (4) rail vehicles comprising at least two bodies (1, 2) each having two independent steering respectively outer and inner axles (5, 6), and a tow bar (3) pivotally interconnecting the two bodies (1, 2). Drive means (14, 15) are provided for operating curve-steering of the inner axle (5) of each body (1, 2) through the relative angular displacement between the tow bar (3) and the bodies (1, 2), and as a function of such angular displacement. Transmission means (19) transmit opposite steering from the inner axles (5) to the outer axles (6) of the two bodies (1, 2). The drive means may include two trapezoid-linkage mechanisms (14, 15) or a flying lever mechanism (28), and the vehicle may comprise three or more bodies. <MATH>

IPC 1-7

B61F 5/42

IPC 8 full level

B61F 5/42 (2006.01)

CPC (source: EP)

B61F 5/42 (2013.01)

Citation (search report)

- [X] EP 0208598 A1 19870114 - REGIE AUTONOME TRANSPORTS [FR]
- [X] US 2908233 A 19591013 - FURRER JOHN R
- [X] DE 892296 C 19531005 - EISEN & STAHLIND AG
- [X] FR 524137 A 19210830 - LOUIS BOIRAUT [FR]

Cited by

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Designated contracting state (EPC)

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