

Title (en)
Running gear for powered railway vehicles.

Title (de)
Laufwerk für Schienentriebfahrzeuge.

Title (fr)
Train roulant pour véhicules moteurs ferroviaires.

Publication
EP 0357951 A1 19900314 (DE)

Application
EP 89114234 A 19890802

Priority
DE 3827412 A 19880812

Abstract (en)
For powered railway vehicles having curve-going wheel sets, a self-setting or an actively controlled running gear is proposed in which the connecting rods constructed as articulated levers [7-10] are rigidly mounted between the displaceable axle bearings [3-6] and the vehicle frame [14] on a common rotary shaft [11] which is itself mounted on the vehicle frame [14]. Alternatively, the connecting rods of each wheel set can be connected in an articulated manner to a common transverse member [111b, 111c] which is rotatably mounted about an elevated axle on the vehicle frame [14].
<IMAGE>

Abstract (de)
Für Schienentriebfahrzeuge mit kurvengängigen Radsätzen wird ein selbsteinstellendes oder ein aktiv gesteuertes Laufwerk vorgeschlagen, bei welchem die als Gelenkhebel [7-10] ausgebildeten Lenker zwischen den verschiebbaren Achslagern [3-6] und dem Fahrzeugrahmen [14] an einer gemeinsamen Drehwelle [11] starr befestigt sind, die ihrerseits am Fahrzeugrahmen [14] gelagert ist. Alternativ hierzu können die Lenker jedes Radsatzes mit einer gemeinsamen Quertraverse [111b, 111c] gelenkig verbunden sein, welche um eine Hochachse drehbar am Fahrzeugrahmen [14] befestigt ist.

IPC 1-7
B61F 5/38; **B61F 5/44**

IPC 8 full level
B61F 5/38 (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP)
B61F 5/38 (2013.01); **B61F 5/44** (2013.01)

Citation (search report)

- [X] US 3862606 A 19750128 - SCALES BRIAN T
- [X] US 4648326 A 19870310 - JACKSON KEITH L [US]
- [X] EP 0144780 A1 19850619 - STANDARD RES & DESIGN [US]
- [X] DE 865148 C 19530129 - HENSCHEL & SOHN GMBH
- [A] DE 876249 C 19530511 - DEUTSCHE BUNDESBAHN
- [A] CH 183368 A 19360331 - V R L INTERNATIONALE GES ZUR A [CH]
- [A] US 4660476 A 19870428 - FRANZ PHILIP M [ZA]
- [A] DE 3610987 A1 19861016 - SOUTH AFRICAN INVENTIONS [ZA]

Cited by
DE102014102115B4; CN101962022A; CH690791A5; CH690761A5; EP0572186A1; DE4142028A1; DE4142028C2; DE102014102115A1; EP0469512A1; US5213049A; EP0649782A1; US5638757A; US7458324B2; WO9625315A1; WO9533640A1; WO9113788A1; WO03010039A3

Designated contracting state (EPC)
AT CH ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0357951 A1 19900314; DE 3827412 A1 19900215; DE 3827412 C2 19910131

DOCDB simple family (application)
EP 89114234 A 19890802; DE 3827412 A 19880812