

Title (en)  
BOGIE FOR RAIL-VEHICLES, E.G. TRAMWAYS

Publication  
**EP 0025484 B1 19830216 (DE)**

Application  
**EP 80103999 A 19800711**

Priority  
DE 2936771 A 19790912

Abstract (en)  
[origin: US4388872A] A bogie for rail cars comprises a traverse which has a portion at each side which extends forwardly and rearwardly and includes a central pin which is engaged in a support box of a half bogie. Each side of the traverse carries a pin which engages in the support box of an associated bogie and the bogie is capable of some vertical and horizontal rotation in respect to the pin. The traverse is supported on springs which extend between the overlying traverse and the underlying bogie at a longitudinally spaced location from the pin. Forward and rear wheel sets are supported in the associated bogies at respective ends thereof and they carry a driving motor therebetween having a planetary gearing which is connected to drive the associated wheels of each set. The bogies are advantageously interconnected by transversely extending tie rods arranged at spaced longitudinal locations in respect to the support pin. The traverse also provides a support for the housing of the rail car and it is provided with a spring at the location of the support and guider connection between the traverse and the car.

IPC 1-7  
**B61F 3/04**; **B61C 9/50**; **B61F 5/14**; **B61F 5/38**

IPC 8 full level  
**B61C 9/50** (2006.01); **B61F 3/04** (2006.01); **B61F 5/14** (2006.01); **B61F 5/38** (2006.01)

CPC (source: EP US)  
**B61C 9/50** (2013.01 - EP US); **B61F 3/04** (2013.01 - EP US); **B61F 5/14** (2013.01 - EP US); **B61F 5/38** (2013.01 - EP US)

Cited by  
EP0052244A1; EP0060000A1; EP0568044A1; EP0337135A3; CN1068552C; FR3052728A1; CN103661425A; FR3052729A1; CN109178013A; EP3257715A1; FR3052730A1; US10302188B2; WO2023041943A1

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**EP 80103999 A 19800711**; AT 80103999 T 19800711; CA 359839 A 19800908; DE 2936771 A 19790912; DE 3062025 T 19800711; US 17955180 A 19800819