Title (en)

POWERED BOGIE FOR RAILWAY VEHICLES

Publication

EP 0235644 B1 19900523 (DE)

Application

EP 87102048 A 19870213

Priority

CH 80386 A 19860227

Abstract (en)

[origin: US4787318A] The traction bogie comprises two wheel sets each coupled with a traction motor. The bogie frame is mounted resiliently on the wheel sets with provision for movement at least lengthwise of the bogie. Each of the casings of the traction motors is carried on the associated wheel set and is connected to the bogie frame to be movable in three dimensions. Also, each casing is connected to the bogie frame by way of two links which are adapted to transmit traction and braking forces and which are articulated to the bogie frame and to the casing to be pivotable around substantially vertical axes. The links are so disposed that their longitudinal axes converge and the imaginary extensions of the longitudinal axes intersect one another at an intersection point disposed in the vicinity of the wheel set and casing. The intersection point determines the position of an imaginary vertical rotational axis around which the wheel set and the associated traction motor can pivot relatively to the bogie frame.

IPC 1-7

B61F 5/04; B61F 5/06; B61F 5/38

IPC 8 full level

B61F 5/30 (2006.01); **B61C 9/38** (2006.01); **B61F 3/04** (2006.01); **B61F 3/06** (2006.01); **B61F 5/04** (2006.01); **B61F 5/06** (2006.01); **B61F 5/38** (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP US)

B61C 9/50 (2013.01 - EP US); **B61F 3/04** (2013.01 - EP US); **B61F 3/06** (2013.01 - EP US); **B61F 5/38** (2013.01 - EP US)

Cited by

EP0589864A1; US5520117A; EP0589866A1; AT524028A4; AT524028B1; EP4074572A1; FR3121651A1; WO0230728A1; WO2018166582A1; US11400961B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0235644 A1 19870909; **EP 0235644 B1 19900523**; AT E52974 T1 19900615; CH 670228 A5 19890531; DE 3762829 D1 19900628; ES 2016288 B3 19901101; JP 2612855 B2 19970521; JP S62199562 A 19870903; NO 168091 B 19911007; NO 168091 C 19920115; NO 870798 D0 19870226; NO 870798 L 19870828; US 4787318 A 19881129; ZA 869732 B 19870826

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