

Title (en)

Bogie mounting.

Title (de)

Motordrehgestelleinheit.

Title (fr)

Ensemble de boggie moteur.

Publication

**EP 0199572 A2 19861029 (EN)**

Application

**EP 86302978 A 19860421**

Priority

GB 8510202 A 19850422

Abstract (en)

A high speed powered railway bogie arrangement comprises a traction motor assembly mounted from the locomotive body so as to be isolated from, but to swivel with, the bogie. The motor drive shafts may be parallel to the axles of the bogie wheelsets. A flexible drive train accommodates relative motion between the traction motor assembly and the bogie wheelsets. A linkage between the bogie and the traction motor assembly allows for some degree of lost motion between swivelling of the bogie and swivelling of the traction motor assembly. By decoupling the mass of the traction motors from the bogie, "hunting" disturbances of the bogie, which tend to arise at high speeds, are minimised. A Watt linkage between the bogie and the locomotive body allows the bogie lateral freedom of movement with respect to the locomotive body.

IPC 1-7

**B61C 9/44**; **B61C 9/48**; **B61F 3/04**

IPC 8 full level

**B61C 9/48** (2006.01); **B61F 1/14** (2006.01); **B61F 3/06** (2006.01); **B61F 5/02** (2006.01)

CPC (source: EP)

**B61C 9/48** (2013.01); **B61F 1/14** (2013.01); **B61F 3/06** (2013.01); **B61F 5/02** (2013.01)

Cited by

CN105857445A; CN110625355A; WO2021093615A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 0199572 A2 19861029**; **EP 0199572 A3 19870318**; AU 5642086 A 19861030; AU 589625 B2 19891019; GB 2174964 A 19861119; GB 2174964 B 19890705; GB 8510202 D0 19850530; GB 8609698 D0 19860529; ZA 862962 B 19861230

DOCDB simple family (application)

**EP 86302978 A 19860421**; AU 5642086 A 19860421; GB 8510202 A 19850422; GB 8609698 A 19860421; ZA 862962 A 19860421