

Title (en)
BOGIE MOUNTING

Publication
EP 0199572 A3 19870318 (EN)

Application
EP 86302978 A 19860421

Priority
GB 8510202 A 19850422

Abstract (en)
[origin: EP0199572A2] 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.

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

Citation (search report)
• DE 3130603 A1 19830217 - KRAUSS MAFFEI AG [DE]
• EP 0025410 A1 19810318 - SIEMENS AG [DE]
• DE 2837302 A1 19800313 - KRUPP GMBH
• DE 2650035 A1 19780503 - MASCHF AUGSBURG NUERNBERG AG
• DE 2614520 A1 19770113 - SNCF
• FR 2426600 A1 19791221 - BBC BROWN BOVERI & CIE [DE]
• CH 614892 A5 19791228 - SCHWEIZERISCHE LOKOMOTIV [CH]

Cited by
CN105857445A; CN110625355A; WO2021093615A1

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