

Title (en)
Powered railway vehicle with at least one bogie

Title (de)
Triebfahrzeug mit zumindest einem Drehgestell

Title (fr)
Véhicule ferroviaire motorisé avec au moins un bogie

Publication
EP 1209057 A1 20020529 (DE)

Application
EP 01126972 A 20011113

Priority
DE 10057069 A 20001117

Abstract (en)
Traction vehicle comprises at least one truck (1) having an even number of traction motors (7) arranged on a support (5) perpendicular to the direction of travel, at least two power converters supplying electricity to the traction motors, and electrical devices counterbalancing the pendulum moment reaction forces of the traction motors on the truck. Preferred Features: The traction motors of a truck have time-displaced drives. The fixing points (6) of the traction motors are arranged on at least one support so that they lie behind one another in the direction of travel.

Abstract (de)
Um eine Reduktion der Pendelmomentenreaktionskräfte zu erhalten und damit die Geräuschemissionen zu reduzieren, wird eine phasenverschobene Ansteuerung der Stromrichter der Fahrmotoren (7) vorgeschlagen. <IMAGE>

IPC 1-7
B61C 9/50

IPC 8 full level
B61C 9/50 (2006.01)

CPC (source: EP)
B61C 9/50 (2013.01)

Citation (search report)
• [X] US 3937152 A 19760210 - NILSSON LARS-OLOF, et al
• [X] US 5841254 A 19981124 - BALCH EDGAR THOMAS [US], et al
• [A] DE 2709177 A1 19780907 - BBC BROWN BOVERI & CIE
• [A] EP 0952061 A1 19991027 - SCHWEIZERISCHE LOKOMOTIV [CH]

Cited by
WO2004018275A1; CN105197022A; RU176167U1; RU2646203C2; EP3750766A1; WO2016083075A1; US10093326B2; WO2015086667A1

Designated contracting state (EPC)
AT DE FR GB IT

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