

Title (en)

Single axle running gear box for a railway vehicle

Title (de)

Einzelachsfahrwerk für ein Schienenfahrzeug

Title (fr)

Train de roulement à essieu unique pour un véhicule ferroviaire

Publication

EP 0765791 B1 19990127 (DE)

Application

EP 96119274 A 19941123

Priority

- AT 240293 A 19931126
- EP 94118409 A 19941123

Abstract (en)

[origin: EP0655378A1] In an apparatus for steering wheels (4), in particular wheel sets (1, 1'), of a rail vehicle with a device (6), for example at least one spring, for producing a restoring force counter to the steering lock of the wheels (4) or wheel sets (1,1') occurring when travelling through a bend in the track, in addition an apparatus (7) is provided for producing a counter force which is dependent on the radius of the bend in the track and acts counter to the restoring force. As a result, very good steering behaviour of the wheel sets (1, 1') is easily achieved when going through a bend and as a result a low degree of wear and stable straight-ahead travel with a high limit speed is achieved. <IMAGE>

IPC 1-7

B61F 5/38

IPC 8 full level

B61F 5/38 (2006.01)

CPC (source: EP)

B61F 5/386 (2013.01)

Cited by

US6418859B1; EP3012170A1; WO2007006528A1; DE19715148A1; EP1086869A1; FR2798895A1; EP1826091A1; ES2316220A1; DE19826446A1; DE19826446C2; US7540242B2; WO0115954A1; WO9965753A1; WO9965750A1; EP0968898A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0655378 A1 19950531; EP 0655378 B1 20000223; AT 407140 B 20001227; AT A240293 A 20000515; AT E176204 T1 19990215; AT E189883 T1 20000315; DE 59407754 D1 19990311; DE 59409154 D1 20000330; EP 0765791 A1 19970402; EP 0765791 B1 19990127; ES 2144479 T3 20000616

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