

Title (en)

Railway vehicle bogie with an active steering device

Title (de)

Schienefahrzeugdrehgestell mit aktiver Lenkvorrichtung

Title (fr)

Bogie de véhicule ferroviaire avec un dispositif d'orientation actif

Publication

**EP 1116637 B1 20041208 (DE)**

Application

**EP 01100267 A 20010103**

Priority

DE 10001411 A 20000114

Abstract (en)

[origin: EP1116637A1] The bogie has a bogie frame (20) and two or more pairs of wheels (42,44,46,48), each aligned coaxially with each other, a control device (AS) for rotating the frame w.r.t.. a vehicle frame (14), sensors (W) and a controller (SG) for driving the control device depending on sensor signals. The wheels of at least two pairs are in the form of elastically guided individual wheels, each with a transducer that detects the axial force acting on each wheel and/or an axial wheel displacement.

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

AU2009202967B2; CN113581239A; US8276522B2; WO2008101287A1

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