

Title (en)

Wheel axle for railway vehicles

Title (de)

Radachse für Schienenfahrzeuge

Title (fr)

Essieu de roue pour véhicules ferroviaires

Publication

**EP 0870665 A2 19981014 (DE)**

Application

**EP 98101060 A 19980122**

Priority

DE 19705888 A 19970215

Abstract (en)

The axle has bearings at both sides, with outer rings fastened via pivot bearings to housing, bogie, etc. The pivot bearing rings are formed as turnable eccentrics (3) for horizontal and vertical adjustment of the axle relative to the bogie. Eccentrics on both sides can be adjusted opposite to each other. Each eccentric consists of injection moulded material, and has an inset conventional radial roller bearing (6). Each also has units for rotary adjustment through  $\pm 180$  deg, from a central rest position (O).

Abstract (de)

Bei einer Radachse 8 für Schienenfahrzeuge sind die Radlager 6 exzentrisch in Gelenklagern 4 eingesetzt. Die Exzenter 3 lassen sich verdrehen, wodurch Verstellungen der Radachsen 8 gegenüber dem Gestellrahmen 9 im Sinne einer Lenkung und/oder Neigung durchgeführt werden können. Hierdurch kann insbesondere die Laufgeometrie in Kurvenfahrten optimiert werden. <IMAGE>

IPC 1-7

**B61F 5/46**; **B61F 15/16**

IPC 8 full level

**B61F 5/22** (2006.01); **B61F 5/46** (2006.01); **B61F 15/16** (2006.01)

CPC (source: EP)

**B61F 5/46** (2013.01); **B61F 15/16** (2013.01)

Citation (applicant)

- DE 881209 C 19530629 - KRAUSS MAFFEI AG
- EP 0116235 A1 19840822 - URBAN TRANSPORTATION DEV [CA]

Cited by

US9174727B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0870665 A2 19981014**; **EP 0870665 A3 20000301**; **EP 0870665 B1 20020717**; AT E220625 T1 20020815; DE 19705888 A1 19980820; DE 59804764 D1 20020822

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