

Title (en)
WHEEL AXLE FOR RAILWAY VEHICLES

Title (de)
Radachse für Schienenfahrzeuge

Title (fr)
ESSIEU DE ROUE POUR VEHICULES FERROVIAIRES

Publication
EP 0870665 A3 20000301 (DE)

Application
EP 98101060 A 19980122

Priority
DE 19705888 A 19970215

Abstract (en)
[origin: EP0870665A2] 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 +- 180 deg, from a central rest position (O).

IPC 1-7
B61F 5/46; **B61F 15/16**; **B61F 5/22**

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 (search report)

- [X] FR 1019626 A 19530123 - KRUPP F LOKOMOTIVFABRIK
- [A] CH 644555 A5 19840815 - SCHWEIZERISCHE LOKOMOTIV [CH]
- [A] CH 630305 A5 19820615 - SCHWEIZERISCHE LOKOMOTIV [CH]
- [A] EP 0727587 A1 19960821 - SKF GMBH [DE]
- [A] CH 460076 A 19680731 - WANNER MAURICE [CH]

Cited by
US9174727B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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

DOCDB simple family (application)
EP 98101060 A 19980122; AT 98101060 T 19980122; DE 19705888 A 19970215; DE 59804764 T 19980122