

Title (en)

RAILWAY WHEELSET WITH PARTIALLY INDEPENDENT WHEELS

Title (de)

EISENBAHNRADSATZ MIT TEILWEISE UNABHÄNGIGEN RÄDERN

Title (fr)

ESSIEU FERROVIAIRE AVEC ROUES PARTIELLEMENT INDÉPENDANTES

Publication

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Application

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Abstract (en)

The railway wheelset described in this patent allows the independent rotation of the wheels while running in curves, while transmitting a predetermined maximum torque between them, keeping said wheels integrals in straight track.

IPC 8 full level

B61F 5/38 (2006.01); **B61C 9/44** (2006.01)

CPC (source: EP)

B61C 9/44 (2013.01)

Citation (applicant)

- EP 0428091 A1 19910522 - ALSTHOM GEC [FR]
- US 2698526 A 19550104 - JOSEF BEIER
- J.A. HADDEN; E.H. LAW: "Effects of Truck Design on Hunting Stability Of Railway Vehicles", JOURNAL OF ENGINEERING FOR INDUSTRY, TRANSACTION OF THE ASME, February 1977 (1977-02-01), pages 162 - 171
- G.R. DOYLE, JR.; R.H. PRAUSE: "Hunting Stability of Rail Vehicles with Torsionally Flexible Wheelsets", JOURNAL OF ENGINEERING FOR INDUSTRY, TRANSACTION OF THE ASME, 10 February 1977 (1977-02-10)

Citation (search report)

- [A] US 2698526 A 19550104 - JOSEF BEIER
- [I] EP 0428091 A1 19910522 - ALSTHOM GEC [FR]
- [A] CH 657327 A5 19860829 - PAUL KONRAD RENKEWITZ
- [A] DE 948609 C

Designated contracting state (EPC)

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