

Title (en)  
Guided vehicle with swivelling wheel axles.

Title (de)  
Schienengeführtes Fahrzeug mit Schwenkbaren Radachsen.

Title (fr)  
Véhicule guidé à essieux orientables.

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Application  
**EP 86401398 A 19860625**

Priority  
FR 8509708 A 19850626

Abstract (en)  
According to the invention, the fastening point (8) of the towbar (4) on the body (1) is substantially arranged on the longitudinal axis of the vehicle. Furthermore, each non-driving axle comprises independent wheels and a device for limiting the slipping between the wheels, the said slipping preferably being limited to 5%. <?>The invention applies, in particular, to railway vehicles travelling on tracks having large bends. <IMAGE>

Abstract (fr)  
L'invention concerne un véhicule guidé essieux orientables Selon l'invention, le point d'attache (8) de la barre d'attelage (4) sur la caisse (1) est sensiblement disposé sur l'axe de roulis de véhicule. Par ailleurs, chaque essieu non moteur comporte des roues indépendantes et un dispositif de limitation du glissement entre les roues, ledit glissement étant de préférence limité à 5%. L'invention s'applique en particulier aux véhicules ferroviaires circulant sur des voies présentant des courbes importantes.

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Citation (search report)

- [X] FR 2526387 A1 19831110 - REGIE AUTONOME TRANSPORTS [FR]
- [A] FR 641372 A 19280802
- [A] GB 278011 A 19281227 - WILHELM KAUFMANN
- [A] FR 889383 A 19440107
- [A] DE 892296 C 19531005 - EISEN & STAHLIND AG
- [A] DE 1077244 B 19600310 - DUESSELDORFER WAGGONFABRIK AG
- [A] US 1781334 A 19301111 - HERMANN LIECHTY

Cited by  
EP0689981A1; WO9600158A1

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**EP 0208598 A1 19870114**; **EP 0208598 B1 19901227**; AT E59349 T1 19910115; AU 588333 B2 19890914; AU 5922986 A 19870108; CA 1289415 C 19910924; DE 208598 T1 19871015; DE 3676574 D1 19910207; DK 163650 B 19920323; DK 163650 C 19920817; DK 298286 A 19861227; DK 298286 D0 19860625; ES 556726 A0 19870816; ES 8707693 A1 19870816; FI 862710 A0 19860625; FI 862710 A 19861227; FI 88009 B 19921215; FI 88009 C 19930325; FR 2584040 A2 19870102; FR 2584040 B2 19900810; JP H0544382 B2 19930706; JP S6285759 A 19870420; KR 870000202 A 19870217; KR 910000938 B1 19910219; NO 163399 B 19900212; NO 163399 C 19900523; NO 862554 D0 19860625; NO 862554 L 19861229; SU 1669393 A3 19910807; US 4911081 A 19900327; ZA 864719 B 19870225

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