

Title (en)

RAIL VEHICLE PROVIDED WITH A TRANSVERSE SUSPENSION SYSTEM AND SUSPENSION METHOD

Title (de)

MIT EINER QUERAUFHÄNGUNG AUSGESTATTETES SCHIENENFAHRZEUG UND AUFHÄNGUNGSVERFAHREN

Title (fr)

VÉHICULE FERROVIAIRE DOTÉ D'UN SYSTÈME DE SUSPENSION TRANSVERSAL ET MÉTHODE DE SUSPENSION

Publication

**EP 3492333 A1 20190605 (EN)**

Application

**EP 17204598 A 20171130**

Priority

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Abstract (en)

A rail vehicle (10) comprises a car body (12), at least one running gear (14) and a suspension for transmitting a load having a static vertical component L from the car body to the running gear (14), wherein the suspension comprises passive transverse suspension means (24) and active transverse actuator means (26) in parallel between the car body (12) and the running gear (14). The passive transverse suspension means (24) have a relatively high stiffness such that:

IPC 8 full level

**B61F 5/04** (2006.01); **B61F 5/22** (2006.01); **B61F 5/24** (2006.01)

CPC (source: EP)

**B61F 5/04** (2013.01); **B61F 5/24** (2013.01)

Citation (applicant)

GB 2025572 A 19800123 - HITACHI LTD

Citation (search report)

- [I] US 2012137926 A1 20120607 - SCHNEIDER RICHARD [CH]
- [A] US 2005087098 A1 20050428 - STREITER RALPH [DE]
- [A] US 2015183443 A1 20150702 - IWAMURA TSUTOMU [JP], et al
- [A] FR 2689476 A1 19931008 - FAIVELEY TRANSPORT [FR]
- [A] JP H06247299 A 19940906 - SUMITOMO METAL IND
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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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