

Title (en)

RAILWAY VEHICLE HAVING A TRANSVERSELY FLEXIBLE CONNECTION OF THE BODY TO THE BOGIE

Title (de)

SCHIENENFAHRZEUG MIT QUERWEICHER ANBINDUNG DES WAGENKASTENS AM FAHRWERK

Title (fr)

VÉHICULE FERROVIAIRE PRÉSENTANT UNE LIAISON SOUPLE DANS LE SENS TRANSVERSAL DE LA CARROSSERIE AU CHÂSSIS

Publication

EP 2477864 A1 20120725 (DE)

Application

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Priority

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- EP 2010063483 W 20100914

Abstract (en)

[origin: US2012227617A1] Disclosed is a vehicle, in particular rail vehicle, with a wagon body and an running gear on which the wagon body is supported, wherein the wagon body and the running gear define a vehicle longitudinal direction, a vehicle transverse direction and a vehicle height direction. A tilting mechanism is arranged between the wagon body and the running gear, which is designed to impose, during a transverse displacement in the vehicle transverse direction, upon the wagon body a rolling motion about a rolling axis parallel to the vehicle longitudinal direction. The tilting mechanism comprises a transverse decoupling device, which is designed to reduce the stiffness of the tilting mechanism against a pure transverse displacement of the wagon body with respect to the running gear. The invention furthermore relates to a corresponding tilting mechanism.

IPC 8 full level

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

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2011032945A1

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