

Title (en)

Inclination device for articulated vehicles, train formed of vehicles and vehicle equipped with such a device

Title (de)

Neigungsvorrichtung für Gelenkfahrzeuge, Zug bestehend aus Fahrzeugen und Fahrzeuge mit solch einer Vorrichtung

Title (fr)

Dispositif de pendulation de véhicules articulés, rame de véhicules et véhicule comprenant un tel dispositif

Publication

EP 0808758 B1 20010627 (FR)

Application

EP 97401081 A 19970515

Priority

FR 9606344 A 19960522

Abstract (en)

[origin: EP0808758A1] A pendular suspension system for railway carriages (2,3) has the ends of adjacent carriages mounted on a single bogie (4). One end is connected to a support ring (8S) while the other end is able to tilt relative to it. The relative rotation of the second carriage is obtained by curved guide slots (10S) in the support ring and journals on the second carriage which engage with them. The support ring is mounted on a pivot on a transverse supporting beam (14P) between the two carriages, and a variant of the design can have two support rings with each of the carriages tilting independently relative to them. During operation the degree of carriages' tilt is controlled by means of the bogie via a control system.

IPC 1-7

B61F 5/22

IPC 8 full level

B61F 3/12 (2006.01); **B61F 5/22** (2006.01)

CPC (source: EP KR US)

B61F 5/00 (2013.01 - KR); **B61F 5/22** (2013.01 - EP US)

Cited by

DE10022543B4; EP3012172A4; FR3070355A1; US6397129B1; WO2006070952A1; WO0115953A1; US6278914B1

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DOCDB simple family (application)

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