

Title (en)

Controlled pneumatic tilting system in railway vehicles

Title (de)

Gesteuertes pneumatisches Neigungssystem in Schienenfahrzeugen

Title (fr)

Système d'inclinaison pneumatique contrôlée dans des véhicules ferroviaires

Publication

EP 2226232 B1 20120502 (EN)

Application

EP 09154500 A 20090306

Priority

EP 09154500 A 20090306

Abstract (en)

[origin: EP2226232A1] The invention relates to a controlled pneumatic tilting system in railway vehicles, with pneumatic springs (1.1, 1.2) for controlling the height of the body (4) with respect to the bogie (2), having opening and shut-off valves (7.1, 7.2) for said pneumatic springs, which incorporate a mechanical device formed by a rotating part (8.1, 8.2) and a seismic mass (9.1, 9.2), such that when the vehicle enters a curve said mechanical devices act on the valves which, due to the action of the pneumatic springs, makes the body (4) tilt in the direction opposite to the lateral acceleration.

IPC 8 full level

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CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

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