

Title (en)

Support of railway vehicles by air spring systems

Title (de)

Abstützung von Schienenfahrzeugen mittels Luftfedersystemen

Title (fr)

Appui de véhicules ferroviaires par systèmes à ressort pneumatique

Publication

EP 0794099 B1 20000329 (DE)

Application

EP 96119667 A 19961207

Priority

DE 19608179 A 19960304

Abstract (en)

[origin: EP0794099A1] Between the air spring system (2) and the running mechanism (3) a roller device (6) is arranged with a rolling direction orientated crossways to the vehicle. The effective radius of the roller device is virtually the same as or greater than the height of the air spring system and its rolling area is definedly limited. The roller device is formed by a roller plate (8) on the lower support surface of the air spring system, with a central, rounded roller edge (7) and a flat counter bearing surface (9) on the running mechanism. The roller edge on both sides is limited by tangential flat surfaces (10), the opening angle of which defines and limits the rolling area of the device.

IPC 1-7

B61F 5/02; B61F 5/14

IPC 8 full level

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CPC (source: EP)

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Cited by

CN101956779A; EP3450280A1; FR2780373A1; CN104527694A; EP3006299A1; EP3943360A1; AT524102A1; AT524102B1

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