

Title (en)  
Axle box suspension.

Title (de)  
Achslageraufhängung.

Title (fr)  
Suspension de boîte d'essieu.

Publication  
**EP 0357026 B1 19931103 (EN)**

Application  
**EP 89115995 A 19890830**

Priority  
JP 21622088 A 19880901

Abstract (en)  
[origin: EP0357026A2] There is provided an axle box suspension having an axle spring according to the present invention, wherein an axle box body is formed by providing an axle anchor rod at one end of the axle box, and the axle anchor rod is shaft-coupled to a truck frame through a resilient element, so that longitudinal, lateral and vertical swivel movement between the axle and the truck frame can be allowed by deforming the resilient element and the axle anchor rod without rattle, thereby the running stability of the vehicle is greatly improved. Further, since the axle box suspension does not have slides and gaps, a wear and a deterioration due to years of driving are eliminated, whereby replacement of the components will be obviated and maintenance thereof will be much more facilitated. Moreover, excellent advantages such as simplified structure, space-saving of the whole axle box suspension, reduction in its weight are provided.

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**B61F 5/32**; **B61F 5/30**

IPC 8 full level  
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CPC (source: EP)  
**B61F 5/30** (2013.01); **B61F 5/325** (2013.01)

Cited by  
DE4141463A1; AT407139B; WO2007071563A1; WO2007071564A1; TWI635008B

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DE FR GB IT

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