

Title (en)  
INDEPENDENT WHEEL ARRANGEMENT FOR RAILWAY VEHICLES

Publication  
**EP 0349817 B1 19920415 (DE)**

Application  
**EP 89111104 A 19890619**

Priority  
DE 3822670 A 19880705

Abstract (en)  
[origin: EP0349817A2] Independent wheel arrangement for railway vehicles, in which the wheel can be swivelled about an axis extending essentially perpendicularly to the wheel rotational axis and to the vehicle longitudinal axis next to the wheel at a distance from the wheel contact point on the rail. There is a brake provided for the wheel, the brake element carrier of which brake are connected to the vehicle frame and is mounted eccentrically with respect to the wheel rotational axis at a distance from said connecting point on the axle leg of the wheel, so that on braking a corresponding countertorque about the wheel swivel axis acts on the wheel in addition to the torque acting from the rail, which countertorque compensates the aforesaid torque. <IMAGE>

IPC 1-7  
**B61F 3/16**; **B61F 5/38**

IPC 8 full level  
**B61F 3/16** (2006.01); **B61F 5/38** (2006.01); **B61H 5/00** (2006.01)

CPC (source: EP)  
**B61F 3/16** (2013.01); **B61F 5/38** (2013.01); **B61H 5/00** (2013.01)

Cited by  
US5445082A; AT406855B

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**EP 0349817 A2 19900110**; **EP 0349817 A3 19900620**; **EP 0349817 B1 19920415**; AT E74845 T1 19920515; DE 3822670 A1 19900111; DE 58901146 D1 19920521

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