

Title (en)  
TRANSVERSE COUPLING BETWEEN TWO BOGIES OF A RAILWAY VEHICLE

Publication  
**EP 0277291 B1 19910320 (DE)**

Application  
**EP 87116758 A 19871113**

Priority  
CH 17187 A 19870119

Abstract (en)  
[origin: EP0277291A1] The transverse coupling connects two drawbar-like linkages (10, 11) on the bogie. The first linkage (10) contains a fork-like end piece (12) with two stops (13, 14) opposing one another in a transverse direction. The second linkage (11) contains an end piece (15) with guide parts (16, 17) arranged one on top of another for a spring unit (20) insertable between the stops (13, 14) on the first linkage (10). The spring unit (20) contains a transverse spring element (21) arranged between two supporting elements (22, 23) which, when the transverse coupling is in the neutral centre position, rests by way of the supporting elements (22, 23) against support fixtures (24, 25) formed on the guide parts (16, 17). The supporting elements (22,23) each have a contact surface (22a or 23a) which can be brought together with the adjoining stop (13 or 14) on the first linkage (10) in such a way that it cannot slip. In the event of a transverse movement of one of the linkages (10 or 11), one of the supporting elements (22 or 23) is lifted from the support fixture (24 or 25) in question by the stop (13 or 14) on the first linkage (10) penetrating between the guide parts (16, 17). The end piece (15) surrounds the spring unit (20) with clearances which permit all-round, unimpeded relative movements of the lifted supporting element (22 or 23), all relative movements between the linkages (10 and 11) being absorbed free of wear by deformation of the spring element (21). This arrangement is particularly advantageous on constructions with large spring deflections. <IMAGE>

IPC 1-7  
**B61G 5/02**

IPC 8 full level  
**B61G 5/02** (2006.01)

CPC (source: EP)  
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Cited by  
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AT SE

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**EP 0277291 A1 19880810; EP 0277291 B1 19910320; AT E61775 T1 19910415; CH 671932 A5 19891013; ZA 878997 B 19880526**

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