

Title (en)  
SUPPORT AND ALIGNMENT DEVICE FOR AUTOMATIC RAILWAY VEHICLE COUPLINGS

Publication  
**EP 0227933 A3 19871028 (DE)**

Application  
**EP 86115944 A 19861117**

Priority  
DE 3541363 A 19851122

Abstract (en)  
[origin: EP0227933A2] 1. Supporting and centering device for automatic couplers of rail vehicles, provided with a flexible traction member (3), having the configuration of a rope, belt, chain or the like, the ends of which traction member (3) are being held laterally and above the coupler shaft (1) at the vehicle frame (5), the coupler shaft (1) being supported in the centre area of said traction member (3), the latter being fastened to the vehicle frame (5) at least one of its ends, by means of a spring element (13, 14), and immediately in front of such end being guided by a roller (7), causing a change of direction, being pivoted at the vehicle frame (5), wherein the coupler shaft (1) is provided with a roller (2), rotatable about an axis which is at least nearly parallel to the longitudinal axis of said coupler shaft (1), the rotatable roller (2) being applied to the traction member (3).

IPC 1-7  
**B61G 7/10**; **B61G 7/06**

IPC 8 full level  
**B61G 7/06** (2006.01); **B61G 7/10** (2006.01)

CPC (source: EP)  
**B61G 7/06** (2013.01)

Citation (search report)  
• [YD] DE 1038591 B 19580911 - BERGISCHE STAHLINDUSTRIE  
• [Y] DE 574084 C 19330408 - KNORR BREMSE AG  
• [A] DE 1199800 B 19650902 - KNORR BREMSE KG

Cited by  
CN113335333A

Designated contracting state (EPC)  
AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)  
**EP 0227933 A2 19870708**; **EP 0227933 A3 19871028**; **EP 0227933 B1 19891018**; AT E47360 T1 19891115; CS 274611 B2 19910915; CS 847786 A2 19910212; DD 252351 A5 19871216; DE 3541363 A1 19870527; DE 3666399 D1 19891123; HU 207254 B 19930329; HU H3141 A 19870828; PL 147415 B1 19890531; PL 262448 A1 19871005

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**EP 86115944 A 19861117**; AT 86115944 T 19861117; CS 847786 A 19861121; DD 29643486 A 19861119; DE 3541363 A 19851122; DE 3666399 T 19861117; HU 483286 A 19861121; PL 26244886 A 19861117