

Title (en)  
Railway vehicle coupling systems

Title (de)  
Kupplungssysteme für Schienenfahrzeuge

Title (fr)  
Systèmes d'attelages pour véhicules ferroviaires

Publication  
**EP 0836977 B1 20030502 (EN)**

Application  
**EP 97308101 A 19971013**

Priority  
GB 9621535 A 19961016

Abstract (en)  
[origin: EP0836977A1] A railway vehicle coupling system for coupling together two railway vehicles, the system comprises a sub-assembly (20) for coupling to one of the railway vehicles, and a drawbar (30) for coupling the sub-assembly to the other railway vehicle. The sub-assembly (20) comprises mounting means (40) for connection to the railway vehicle, spring means (22) mounted on the mounting means, compression means (23, 24) movable axially relative to the mounting means to compress the spring means in response to movement of the railway vehicles towards or away from one another. A pivotal bearing (32) connects the drawbar to the compression means (23, 24) to effect axial movement of the compression means in response to relative movement between the railway vehicles whilst permitting limited relative pivoting movement between the drawbar and the compression means. Guide means (49, 50) are provided for guiding the bearing in a manner to prevent rotational movement thereof. <IMAGE>

IPC 1-7  
**B61G 1/22**; **B61G 5/02**

IPC 8 full level  
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CPC (source: EP)  
**B61G 1/22** (2013.01); **B61G 5/02** (2013.01)

Citation (examination)  
• US 3910418 A 19751007 - HAWTHORNE VAUGHN T  
• DE 3248289 A1 19840705 - RINGFEDER GMBH [DE]  
• EP 0547887 A1 19930623 - AMSTED IND INC [US]

Cited by  
FR2792595A1; RU2494900C1; EP1247715A1; CZ298095B6; EP1225114A1; WO0064723A1

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