

Title (en)  
Articulated coupling device for an articulated track-bound vehicle

Title (de)  
Gelenkverbindung für ein gelenkigen Schienenfahrzeug

Title (fr)  
Articulation d'accouplement pour véhicule ferroviaire articulé

Publication  
**EP 1479586 A1 20041124 (EN)**

Application  
**EP 04012154 A 20040521**

Priority  
GB 0311831 A 20030523

Abstract (en)  
An articulated track-bound vehicle comprising two vehicle units (10, 12) supported on a common undercarriage (14) is provided with an articulated coupling (18) for connecting the two vehicle units (10, 12) and for allowing the two vehicle units (10, 12) to rotate with respect to each other and with an abutment means (44) for limiting transverse motion of the coupling (18) relative to the undercarriage (14) and for allowing predetermined transverse play of the coupling (18) with respect to the undercarriage (14). The abutment means (44) consists of a roller (46) connected to the coupling (18) and inserted into an opening of a plate fixed to the undercarriage. The walls of the opening have a cam-like shape such that the predetermined transverse play is variable as a function of the angular position of an element (42) of the articulated coupling (18) with respect to the undercarriage (14). <IMAGE>

IPC 1-7  
**B61G 5/02**; **B61F 3/12**

IPC 8 full level  
**B61F 3/12** (2006.01); **B61G 5/02** (2006.01)

CPC (source: EP)  
**B61F 3/125** (2013.01); **B61G 5/02** (2013.01)

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• [AD] DE 4404878 C1 19950316 - TALBOT WAGGONFAB [DE]  
• [A] DE 3402522 A1 19850801 - SCHAEFFLER WÄELZLAGER KG [DE]  
• [A] FR 693879 A 19301126 - FRANCE CONST ELEC

Cited by  
US11230302B2; US11952019B2; WO2017132512A1

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