

Title (en)  
Communication passage between two railway coaches.

Title (de)  
Durchgang zwischen Eisenbahn-Personenwagen.

Title (fr)  
Dispositif d'intercirculation entre deux modules de rame ferroviaire.

Publication  
**EP 0177424 A1 19860409 (FR)**

Application  
**EP 85401919 A 19851002**

Priority  
FR 8415100 A 19841002

Abstract (en)  
[origin: US4690068A] The invention relates to an inter-carriage passage for a railway carriage set comprising an intermediate bodywork member having a generally annular shape connecting the adjoining ends of two carriages. In accordance with the invention, the intermediate bodywork member is connected to the two adjoining carriage ends so as to be maintained in a radial position; this intermediate member is positioned on each carriage end by means of deformable pneumatic joints. The invention is especially applicable to metro (rapid transit) trains with short carriages and radial axles.

Abstract (fr)  
L'invention concerne un dispositif d'intercirculation entre deux modules de rame ferroviaire comportant un élément de carrosserie intermédiaire (1) ayant la forme générale d'un anneau et reliant deux extrémités de caisses (2, 3). Selon l'invention, l'élément de carrosserie intermédiaire (1) est lié aux deux extrémités de caisses (2, 3) qu'il relie, de manière à être maintenu en position radiale; cet élément intermédiaire (1) est positionné sur chacune des extrémités de caisses (2, 3) au moyen de joints pneumatiques déformables (4, 5). Application en particulier aux rames de métropolitains à caisses courtes et à essieux radiaux.

IPC 1-7  
**B61D 17/20**

IPC 8 full level  
**B61D 17/20** (2006.01); **B61F 3/12** (2006.01)

CPC (source: EP US)  
**B61D 17/20** (2013.01 - EP US); **B61F 3/12** (2013.01 - EP US)

Citation (search report)

- [X] GB 741242 A 19551130 - ALWEG FORSCHUNG GMBH
- [X] GB 446003 A 19360422 - ETTORE BUGATTI
- [X] FR 771298 A 19341004
- [Y] US 4455033 A 19840619 - BECKER HEINZ W [CA], et al
- [Y] FR 896039 A 19450209 - FLII MACCHI SA
- [A] DE 1163360 B 19640220 - KLOECKNER HUMBOLDT DEUTZ AG
- [A] CH 553081 A 19740830 - DEL VALLE JESUS

Cited by  
EP0291681A1; FR2798889A1; KR100742807B1; FR2751603A1; US5953997A; EP0248685A1; FR2599308A1; WO0123236A1; WO0130628A1; WO9804450A1

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

DOCDB simple family (publication)  
**EP 0177424 A1 19860409; EP 0177424 B1 19890322**; AT E41630 T1 19890415; DE 177424 T1 19861016; DE 3568967 D1 19890427; FR 2571010 A1 19860404; FR 2571010 B1 19880311; US 4690068 A 19870901

DOCDB simple family (application)  
**EP 85401919 A 19851002**; AT 85401919 T 19851002; DE 3568967 T 19851002; DE 85401919 T 19851002; FR 8415100 A 19841002; US 78268785 A 19851001