

Title (en)  
BOGIE COUPLING SYSTEM FOR CONVERTIBLE RAILWAY-ROADWAY VEHICLE

Title (de)  
DREHGESTELL KUPPLUNGS-SYSTEM FÜR EIN UMWANDELBARES SCHIENE-STRASSE FAHRZEUG

Title (fr)  
SYSTEME DE RACCORDEMENT DE BOGIE DESTINE A UN VEHICULE CONVERTIBLE RAIL/ROUTE

Publication  
**EP 0783423 A4 19990526 (EN)**

Application  
**EP 94932172 A 19940808**

Priority  
US 9408929 W 19940808

Abstract (en)  
[origin: WO9605094A1] A bogie (120) and a convertible roadway-railway trailer (160) for both roadway and railway use and a method of converting the trailer between roadway and railway mode, including a method of assembling and disassembling a plurality of such trailers (160) and bogies (120) into a train (113). A trailer (160) has retractable roadway tires (166) and three king pins (184, 185) mounted on the posterior end thereof forming a rigid coupling mechanism. A bogie (120), which is stored off a railway near a grade crossing, has three king pin engagement mechanisms (138, 153) which are used to rigidly couple the bogie (120) to a trailer (160). To convert a first trailer (160) from roadway use to railway use, a tractor (112) is used to back up the first trailer (160) to a first bogie (120), and the first trailer (160) is rigidly coupled to the first bogie (120). Additional trailers (160) can be added in a similar manner to form a train (113).

IPC 1-7  
**B61D 3/18**; **B61F 3/12**

IPC 8 full level  
**B61D 3/18** (2006.01); **B61F 3/12** (2006.01)

CPC (source: EP)  
**B61D 3/184** (2013.01); **B61F 3/12** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9605094A1

Cited by  
US8215240B2; US8677907B2

Designated contracting state (EPC)  
BE CH DE DK FR GB IT LI

DOCDB simple family (publication)  
**WO 9605094 A1 19960222**; AU 1287395 A 19960307; AU 709137 B2 19990819; CA 2196882 A1 19960222; CA 2196882 C 20011030; DE 69429544 D1 20020131; DE 69429544 T2 20020808; DK 0783423 T3 20020415; EP 0783423 A1 19970716; EP 0783423 A4 19990526; EP 0783423 B1 20011219

DOCDB simple family (application)  
**US 9408929 W 19940808**; AU 1287395 A 19940808; CA 2196882 A 19940808; DE 69429544 T 19940808; DK 94932172 T 19940808; EP 94932172 A 19940808