

Title (en)  
Railway vehicle with an operator's cab comprising a structure for absorbing energy during a collision above the vehicle chassis

Title (de)  
Schienenfahrzeug mit einer Fahrerkabine mit einer Struktur zur Energieaufnahme während einer Kollision oberhalb des Fahrzeugrahmens

Title (fr)  
Véhicule ferroviaire à cabine de conduite comportant une structure absorbeuse d'énergie adaptée à une collision au-dessus du châssis du véhicule

Publication  
**EP 1215098 B1 20050316 (FR)**

Application  
**EP 01403037 A 20011127**

Priority  
FR 0016493 A 20001218

Abstract (en)  
[origin: EP1215098A1] The railway vehicle comprises a rigid chassis (1) extending under the driver's cab. It comprises a protection shield (3), located in front of the cab, provided with a rigid structure. The shield rests on the chassis and is connected to it by an energy absorbing element (6) interposed between it and the chassis.

IPC 1-7  
**B61D 15/06**; **B61D 17/06**; **B61C 17/04**

IPC 8 full level  
**B61D 17/00** (2006.01); **B61C 17/04** (2006.01); **B61D 15/06** (2006.01); **B61D 17/06** (2006.01); **B61F 19/04** (2006.01)

CPC (source: EP US)  
**B61C 17/04** (2013.01 - EP US); **B61D 15/06** (2013.01 - EP US); **B61D 17/06** (2013.01 - EP US)

Cited by  
EP4353561A1; WO2009095284A1; EP2277762A3; GB2411633A; EP1854694A3; RU195045U1; DE102006043924B4; AT511291A1; RU2496669C2; FR3140605A1; DE10254440A1; CN104908771A; CN113844477A; EP2193970A3; AT16474U1; EP4238847A4; EP1854690A3; EP1873036A3; EP1873037A3; EP1854694A2; US11167778B2; US9421985B2; EP1854695A1; EP3415396A1; EP3456602A1; EP3560787A1; EP2694347B1; WO2008034745A1

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