

Title (en)  
Car body for high speed railways

Title (de)  
Wagenkasten für Schnellbahnen

Title (fr)  
Caisse pour rames à grandes vitesses

Publication  
**EP 0786390 B1 20000628 (DE)**

Application  
**EP 96810048 A 19960124**

Priority  
EP 96810048 A 19960124

Abstract (en)  
[origin: EP0786390A1] A carriage for rapid trains, especially magnetic levitation trains, comprises a cell (12) with a longitudinal carrier profile (35), made of aluminium and a light weight laminar plate material. The laminar plates (37) comprises a plastic core (32) with aluminium cover plates (34) on each side. The cover plates have an associated connection profile (36) made of aluminium. The connection profile has strips (38,40) which locate on the carrier profile, and the connection profile (36) is welded by laser to the carrier profile.

IPC 1-7  
**B61D 17/00**; **B61D 17/04**

IPC 8 full level  
**B61D 17/00** (2006.01); **B61D 17/04** (2006.01)

CPC (source: EP US)  
**B61D 17/005** (2013.01 - EP US); **B61D 17/043** (2013.01 - EP US)

Cited by  
DE102012213469C5; CN107856688A; CN103085825A; DE102007035771A1; CN108526663A; DE102007035772A1; FR2913384A1; DE102007035772B4; CN115285157A; US6647897B1; WO0044601A1; CN108263406A; EP3932771A4

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DOCDB simple family (application)  
**EP 96810048 A 19960124**; AU 7645696 A 19961224; DE 59605497 T 19960124; US 78051197 A 19970108