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

Designated contracting state (EPC)

CH DE LI

DOCDB simple family (publication)

EP 0786390 A1 19970730; **EP 0786390 B1 20000628**; AU 694930 B2 19980806; AU 7645696 A 19970731; DE 59605497 D1 20000803; US 5784970 A 19980728

DOCDB simple family (application)

EP 96810048 A 19960124; AU 7645696 A 19961224; DE 59605497 T 19960124; US 78051197 A 19970108