

Title (en)

Body shell of a railway vehicle, comprising an impact energy absorbing device

Title (de)

Wagenkasten eines Schienenfahrzeuges mit einer Vorrichtung zur gezielten Absorption von Kollisionsenergie

Title (fr)

Caisse de véhicule ferroviaire, comprenant un dispositif d'absorption de l'énergie lors d'un impact

Publication

EP 1582428 B1 20090121 (DE)

Application

EP 05005502 A 20050314

Priority

DE 102004016216 A 20040401

Abstract (en)

[origin: EP1582428A1] The vehicle body has an apparatus for targetted absorption of collision energy. Absorption members (3) are stabilized by a support structure (4) that extends beyond the height of their front surfaces (11). The upper part of the support structure includes a tension and compression resistant link (5) to the frame of the vehicle body.

IPC 8 full level

B61D 15/06 (2006.01); **B61D 17/06** (2006.01); **B61F 19/06** (2006.01)

CPC (source: EP)

B61D 15/06 (2013.01); **B61D 17/06** (2013.01); **B61F 19/06** (2013.01)

Cited by

CN113844477A; CN117429473A; JP2009023450A; EP2017153A3; CN113562015A; EP2017153A2; WO2015043654A1; US10000219B2; EP1900593A3; EP3560787A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1582428 A1 20051005; **EP 1582428 B1 20090121**; AT E421453 T1 20090215; DE 102004016216 A1 20051020; DE 502005006507 D1 20090312; ES 2318376 T3 20090501

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