

Title (en)

Rail vehicle with multilayered impact absorber

Title (de)

Schienefahrzeug mit mehrstufiger Stossverzehreinrichtung

Title (fr)

Véhicule sur rails doté d'un dispositif d'absorption de chocs à plusieurs niveaux

Publication

EP 2078657 B1 20101013 (DE)

Application

EP 08000339 A 20080110

Priority

EP 08000339 A 20080110

Abstract (en)

[origin: EP2078657A1] The vehicle (1) has two impact absorbing elements (19, 21), which are consecutively arranged in a lower energy absorber plane (11) in a driving direction (7) of the vehicle. An impact absorbing element (27) is provided an upper energy absorber plane (15), and the impact absorbing element (19) is projected over the impact absorbing element (27) at an undeformed condition in the driving direction. Deformation of the impact absorbing element (27) is partially transferred into the impact absorbing element (21). The impact absorbing elements (21, 27) are coupled together by a transmission element.

IPC 8 full level

B61G 11/16 (2006.01)

CPC (source: EP)

B61D 15/06 (2013.01); **B61D 17/06** (2013.01); **B61G 11/16** (2013.01)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2078657 A1 20090715; EP 2078657 B1 20101013; AT E484438 T1 20101015; DE 502008001516 D1 20101125; ES 2354325 T3 20110314

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