

Title (en)

Underframe front part and deformation element on vehicles, especially rail vehicles

Title (de)

Untergestellvorbau und Deformationselement an Fahrzeugen, insbesondere Schienenfahrzeugen

Title (fr)

Avant-corps de châssis et élément déformable pour véhicules, notamment pour véhicules ferroviaires

Publication

EP 0831005 B1 20110420 (DE)

Application

EP 97250196 A 19970626

Priority

DE 19638739 A 19960910

Abstract (en)

[origin: EP0831005A2] With the using up of the stroke of the coupling (10), the failure of a wear element (11), and the receding of the coupling into the coupling sleeve, load is directed through two deformation elements (1) side-mounted on the underframe (4). The deformation elements are attached to the underframe by a mounting plate (18). The enclosed casing (14) is built onto the underframe and has only one opening (15) for the coupling.

IPC 8 full level

B61G 11/16 (2006.01); **B61D 15/06** (2006.01); **B61F 19/00** (2006.01); **B61F 19/04** (2006.01)

CPC (source: EP)

B61D 15/06 (2013.01); **B61F 19/04** (2013.01); **B61G 11/16** (2013.01)

Cited by

EP1104857A1; KR100866383B1; EP1310416A1; EP1747961A3; US6312028B1; FR2801554A1; US10000219B2; EP1746007A2; WO2013079733A1; WO2015043654A1; DE102007005421A1; WO2008092718A1; EP1747961A2; EP1927524A1; EP1927524B1

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