

Title (en)  
IMPACT PROTECTION FOR A RUNNING GEAR OF A RAIL VEHICLE

Title (de)  
Aufprallschutz für ein Fahrwerk eines Schienenfahrzeugs

Title (fr)  
Protection contre la collision pour un train de roulement d'un véhicule ferroviaire

Publication  
**EP 2517944 A3 20130227 (EN)**

Application  
**EP 12172761 A 20100323**

Priority  
• EP 12172761 A 20100323  
• EP 10157308 A 20100323

Abstract (en)  
[origin: EP2368781A1] The invention relates to a running gear for a rail vehicle, in particular a high speed rail vehicle, comprising a wheel set (105), a running gear frame (104) and a shielding device (109), the running gear frame (104) being supported on the wheel set (105). The shielding device (109) is connected to the running gear frame (104) via a support structure (108) and is spatially associated to at least a shielded component (107) of the running gear (103). The shielding device (109) shields a shielded part (107.1) of the shielded component (107) against impacts of objects (B), in particular pieces of ballast, lifted from a track (T) used during operation of the vehicle. The shielding device (109) and/or the support structure (108) comprises an impact energy absorbing device (109.2, 109.3, 110), the impact energy absorbing device (109.2, 109.3, 110) being adapted to absorb a noticeable fraction of an impact energy of one of the objects (B) hitting the shielding device (109).

IPC 8 full level  
**B61F 19/06** (2006.01)

CPC (source: EP)  
**B61F 19/06** (2013.01)

Citation (search report)  
• [AD] WO 2006021514 A1 20060302 - SIEMENS AG [DE], et al  
• [A] DE 3627699 A1 19880218 - PELZ PETER [DE]

Cited by  
EP2910449A1; DE102014209956A1; CN106627647A; US9469314B2

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DOCDB simple family (publication)  
**EP 2368781 A1 20110928; EP 2368781 B1 20131002**; EP 2517944 A2 20121031; EP 2517944 A3 20130227; EP 2517944 B1 20170503; ES 1076280 U 20120222; ES 1076280 Y 20120523; ES 2441122 T3 20140131; ES 2627088 T3 20170726; PL 2368781 T3 20140331; PL 2517944 T3 20171031

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**EP 10157308 A 20100323**; EP 12172761 A 20100323; ES 10157308 T 20100323; ES 12172761 T 20100323; ES 201130313 U 20110323; PL 10157308 T 20100323; PL 12172761 T 20100323