

Title (en)  
COLLISION ENERGY ABSORBING SYSTEM CONCENTRATED AROUND THE VHS POWER CAR AND FIRST VEHICLE

Title (de)  
SCHIENENFAHRZEUG, DAS EINE ABSORPTIONSEINHEIT FÜR KOLLISIONSENERGIE UMFASST

Title (fr)  
VÉHICULE FERROVIAIRE COMPORTANT UN ENSEMBLE D'ABSORPTION DE L'ÉNERGIE DE COLLISION

Publication  
**EP 3456602 B1 20211027 (FR)**

Application  
**EP 17306181 A 20170913**

Priority  
EP 17306181 A 20170913

Abstract (en)  
[origin: US2019077420A1] The invention relates to a railway vehicle, wherein the vehicle having a plurality of cars arranged one behind the other longitudinally, wherein each car has a front end articulated to a rear end of the adjacent car; at least one power unit connected to a first of the cars; and a collision energy absorbing assembly, The collision energy absorbing assembly has a first collision energy absorbing system located at the front of the power unit and a second collision energy absorbing system located at the connection between the power unit and the first car.

IPC 8 full level  
**B61D 15/06** (2006.01); **B61G 11/16** (2006.01)

CPC (source: EP US)  
**B61D 15/06** (2013.01 - EP US); **B61G 11/16** (2013.01 - EP US); **B61C 17/04** (2013.01 - US)

Citation (examination)  
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DOCDB simple family (publication)  
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**EP 17306181 A 20170913**; ES 17306181 T 20170913; PL 17306181 T 20170913; US 201816127355 A 20180911