

Title (en)

Structure for energy absorption, especially for railway vehicles

Title (de)

Struktur zur Energieaufnahme, insbesondere für Eisenbahnfahrzeuge

Title (fr)

Structure absorbeuse d'énergie, en particulier pour véhicules ferroviaires

Publication

EP 0581707 B1 19970820 (FR)

Application

EP 93440051 A 19930630

Priority

FR 9209503 A 19920728

Abstract (en)

[origin: EP0581707A1] The present invention relates to an energy-absorbing structure, especially for railway vehicles. Structure, characterised in that it consists of a zone (1) deformable as a result of the dynamic plastic buckling of its structural elements (2), the said zone (1) being provided at at least one or at both ends of the vehicle (3) and advantageously forming a luggage compartment, an access platform or the like, with the possibility of two-way access, between a movable end frame (4) and a fixed frame (5) delimiting the ends of the passenger space. The invention can be used more particularly in the sector of the building of railway vehicles. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1897775A1; JP2011235732A; JP2007326550A; JP2008126856A; GB2515422A; GB2515422B; GB2411631A; EP1873037A3; JP2003095094A; EP2371651A3; AT408875B; US2015203129A1; CN105253248A; US9718481B2; US9090266B2; WO2014079652A1; WO2013161610A1; JP2005239160A; WO2016004866A1; WO2005085033A1; WO2011142208A1; JP2008062817A

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