

Title (en)

Train equipped with interfaces that absorb energy between the carriages in case of collision

Title (de)

Zug mit aufprallenergieabsorbierenden Elementen zwischen den einzelnen Fahrzeugen

Title (fr)

Train doté d'interfaces entre les différents véhicules qui absorbent de l'énergie en cas de choc

Publication

EP 1927524 A1 20080604 (EN)

Application

EP 07122073 A 20071203

Priority

IT TO20060857 A 20061201

Abstract (en)

A train (1) is equipped with a plurality of carriages (2) and interfaces (8) between the carriages (2), each interface (8) having plastically deformable portions (23,30) that plastically deform when a longitudinal compression load exceeds a preset threshold (B) and, during plastic deformation, provide resistance to longitudinal compression, the mean progression of which includes at least an initial stage where it grows as the longitudinal crushing increases; preferably, this mean progression increases linearly up to a maximum longitudinal crushing (D) of the plastically deformable portions (23,30).

IPC 8 full level

B61D 15/06 (2006.01); **B61G 11/16** (2006.01)

CPC (source: EP)

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

Citation (applicant)

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Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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