

Title (en)

RAIL VEHICLE HAVING AN ATTACHED DEFORMATION ZONE

Title (de)

SCHIENENFAHRZEUG MIT ANGESETZTER VERFORMUNGSZONE

Title (fr)

VÉHICULE FERROVIAIRE À ZONE DE DÉFORMATION RAPPORTÉE

Publication

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Application

EP 12713652 A 20120326

Priority

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- EP 2012055310 W 20120326

Abstract (en)

[origin: WO2012136500A1] The invention relates to a rail vehicle having an attached deformation zone, comprising at least one end transverse beam (EQT), which is provided in an end face region, and corner pillars (ES), which are arranged substantially vertically and extend from the end transverse beam (EQT), wherein a deformation zone (VZ) is provided at the end face, said zone comprising a front transverse beam (FQT), which is arranged parallel to the end transverse beam (EQT) and spaced therefrom in an end-face direction, and at least one force transmission element (KUE), wherein the at least one force transmission element (KUE) is arranged between the end transverse beam (EQT) and the front transverse beam (FQT), said element transmitting longitudinal compressive forces between the end transverse beam (EQT) and the front transverse beam (FQT) without plastic deformation up to a defined value and failing when said defined value is exceeded.

IPC 8 full level

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CPC (source: EP US)

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