

Title (en)

RAIL VEHICLE COMPRISING AT LEAST TWO IMPACT-ABSORBING POSTS ARRANGED IN A FRONT END REGION OF THE RAIL VEHICLE AND HAVING COLLAPSIBLE REGIONS WHERE BUCKLING OCCURS IN THE EVENT OF A COLLISION

Title (de)

SCHIENENFAHRZEUG MIT AN EINEM STIRNSEITIGEN ENDBEREICH ZUMINDEST ZWEI RAMMSÄULEN MIT KNICKGELENK

Title (fr)

VEHICULE FERROVIAIRE DOTE D'AU MOINS DEUX COLONNES D'AMORTISSEMENT DE CHOC DOTEES D'UNE ZONE DE PLIAGE DANS UNE ZONE TERMINALE FRONTALE

Publication

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Application

**EP 05793241 A 20051010**

Priority

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- AT 17572004 A 20041019

Abstract (en)

[origin: WO2006042348A1] Disclosed is a rail vehicle comprising at least two impact-absorbing posts (RS1, RS2) which are disposed in a front end region (END) and extend vertically to the floor (BOD) of the rail vehicle. According to the invention, a deformable area (KZO) is provided on the front side of the floor (BOD) and each impact-absorbing post (RS1, RS2) is connected to the roof section (DAB) of the rail vehicle via the upper-end region (OE1, OE2) thereof, each impact-absorbing post having, in the respective upper-end region thereof, a predetermined collapsible region (OE1, OE2) where the buckling (SK1, SK2) of said post should occur in the event of a collision.

IPC 8 full level

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