

Title (en)
RAILWAY VEHICLE WITH A DEFORMABLE DRIVER'S CAB WITH DEDICATED REPAIR INTERFACE

Title (de)
EISENBAHNFahrzeug mit einer verformbaren Fahrerkabine mit eigens vorgesehener Reparaturzwischenfläche

Title (fr)
Véhicule ferroviaire avec une cabine de conduite déformable avec une interface spécialisée pour la préparation

Publication
EP 1768883 B1 20121017 (EN)

Application
EP 05707657 A 20050228

Priority
• EP 2005002091 W 20050228
• GB 0404523 A 20040301

Abstract (en)
[origin: GB2411633A] The vehicle (2) defines a longitudinal direction and comprises <DL TSIZE=2> <DT>-<DD>a central section (10); <DT>-<DD>a vehicle cabin (12) that is shorter than the central section, the vehicle cabin (12) comprising a collapsible front section (16) that undergoes controlled collapse in case of collision; and at least one rigid section (18) located between the front section (16) and the central section (10), the front section (16) having a lower resistance to deformation than the rigid section (18); <DT>-<DD>at least one dedicated repair interface (14) for removably fixing the vehicle cabin (12) to the central section (10); e.g. by welding or fasteners. </DL> The rigid section (18) has a forward bracing ring also providing a front doorpost (21), a rear doorpost (19) being formed by a reinforced frame member rigidly connected to the interface (14). The interface (14) is provided by a lateral plate, optionally with an access opening to the central section (10). The front section (16) has frame members including an angled member (30) with a deformable bottom end (31), an upper deformable region (42) and a roof with a deformable region (44).

IPC 8 full level
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CPC (source: EP)
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