

Title (en)
Vehicle with a deformation zone

Title (de)
Fahrzeug mit Deformationszone

Title (fr)
Véhicule avec une zone de déformation

Publication
EP 1593570 B1 20091202 (DE)

Application
EP 05103608 A 20050429

Priority
DE 102004028964 A 20040507

Abstract (en)
[origin: EP1593570A1] Rail vehicle has a driver's seat and deformable area. An area which cannot be deformed is there to provide a survival space for the driver. The driver's seat is wholly or partly attached outside the survival space on to a structural element. This element is connected to the non-deformable area only, by the floor or one or more walls, and not to the deformable area. The deformable area is in front of, next to and/or underneath the structural element. The driver's control panel is fastened on the structural element. In front of the seat is an impact wall separate from the structural element.

IPC 8 full level
B61C 17/04 (2006.01); **B61D 15/06** (2006.01)

CPC (source: EP)
B61C 17/04 (2013.01); **B61D 15/06** (2013.01)

Cited by
DE102017112619A1

Designated contracting state (EPC)
AT DE FR IT

DOCDB simple family (publication)
EP 1593570 A1 20051109; EP 1593570 B1 20091202; AT E450423 T1 20091215; DE 102004028964 A1 20051201;
DE 502005008602 D1 20100114

DOCDB simple family (application)
EP 05103608 A 20050429; AT 05103608 T 20050429; DE 102004028964 A 20040507; DE 502005008602 T 20050429