

Title (en)

Safety device for the drivers of railway vehicles

Title (de)

Sicherheitseinrichtung für Fahrzeugführer von Schienenfahrzeugen

Title (fr)

Dispositif de sécurité pour les conducteurs de véhicules ferroviaires

Publication

**EP 0952063 B1 20041208 (DE)**

Application

**EP 99107606 A 19990416**

Priority

DE 19817860 A 19980422

Abstract (en)

[origin: EP0952063A1] The safety device consists of a system by which the head carrier, the ram protection structure (3), the control panel (6), the seat mounting (7) and the seat (8) in working connection with each other so that when the crumple zone (4) is deformed, their position relative to each other does not alter in a manner which might injure the driver. The seat mounting and seat are raised above the crumple zone.

IPC 1-7

**B61D 15/06**; **B61D 17/06**; **B61C 17/04**

IPC 8 full level

**B61C 17/04** (2006.01); **B61D 15/06** (2006.01); **B61D 17/06** (2006.01)

CPC (source: EP)

**B61C 17/04** (2013.01); **B61D 15/06** (2013.01); **B61D 17/06** (2013.01)

Cited by

EP2070801A1; FR2918617A1; CN102295007A; CN104442857A; CN102897179A; CN104640757A; RU2637846C2; CN102015407A; EP2335992A1; EP1215098A1; FR2818224A1; EP2165905A1; EP3168103A1; EP2066545A4; EP2666695A1; CN103448737A; KR101380059B1; US6820759B1; WO2008029970A1; US6561105B2; WO0138153A1; WO2010109891A1; US8701566B2; DE202016006575U1; WO2014040896A1; JP4982611B2

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