

Title (en)

Railway vehicle with at least one interchangeable end module

Title (de)

Schienenfahrzeug mit wenigstens einem austauschbaren Endmodul

Title (fr)

Véhicule ferroviaire comportant au moins un module d'extrémité interchangeable

Publication

EP 0888946 B1 20030924 (FR)

Application

EP 98440143 A 19980701

Priority

FR 9708552 A 19970702

Abstract (en)

[origin: EP0888946A1] The steel end frame (2), bolting on to the vehicle (1), accepts a completely equipped, prefabricated driver's cab (3), quick-release connections for all mechanical and electrical controls and circuits being provided at the vehicle interface. A propulsion unit (4) is mounted under the cab. The frame front also supports impact-absorbing buffers designed to undergo plastic deformation in two stages (9,10), an underslung cow-catcher (5) and an automatic coupling (8) with its own impact absorber (11). The whole extension is enclosed in a removable fairing (7), flush-fitting to the main vehicle body.

IPC 1-7

B61D 17/06; B61D 15/06; 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

EP1925525A1; EP2130739A1; DE102006044397A1; CN112874555A; FR2818225A1; KR100498261B1; US11124242B2; EP1854690A3; EP1215098A1; FR2818224A1; NO324083B1; CN1315680C; EP1422118A1; CN104015740A; CN110077428A; AT513364A1; AT513364B1; CN104640757A; RU2637846C2; CN107499326A; JP2008126856A; KR100921993B1; KR100941735B1; CN104787072A; AT16474U1; CN112298259A; US8261672B2; EP2078657A1; WO2008034745A1; WO2009146942A1; WO2102638A1; WO0134447A1; WO2022001387A1; EP4342760A1; EP1930226A1; FR2954929A1; AU2013401446B2; RU2646708C2; EP3415396A1; EP3456602A1; WO2014040896A1; WO2015043651A1; WO2010029188A1; KR100841033B1; US8925999B2; US9302683B2; US10124815B2; US11167778B2; WO2005085032A1; US6561105B2; EP2407367A2; WO2019096109A1; WO2022088780A1; EP2407367B1

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DOCDB simple family (publication)

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