

Title (en)

Railway vehicle with diesel drive, especially motor car for passenger transport, with a device for the pressure refuelling of the fuel tank

Title (de)

Schienenfahrzeug mit Dieselantrieb, insbesondere Triebwagen zur Personenbeförderung, mit einer Einrichtung für das Druckbetanken des Kraftstoffbehälters

Title (fr)

Véhicule ferroviaire avec entraînement par moteur diesel, notamment autorail pour le transport de passagers, avec un dispositif pour le ravitaillement sous pression de réservoir de carburant

Publication

EP 1431155 B1 20090107 (DE)

Application

EP 03025714 A 20031107

Priority

DE 10259637 A 20021218

Abstract (en)

[origin: EP1431155A1] The vehicle has a pressurized refueling device with a dry coupling on the filler for connecting a refueling hose, a valve for ventilating and venting the tank and a limit sensor for shutting off a feed pump on reaching a defined level. The fuel tank has an overfill safety valve near the filler with a float unit that trips a mechanism on reaching the fill level to close the filler opening at normal fill pressure and prevent further filling. The vehicle has a device for pressurized refilling of the fuel tank (1) with a dry coupling (3) on the filler (2) for connecting a refueling hose, a valve (4) for ventilating and venting the tank and a limit sensor (5) for shutting off a feed pump in the fuel station on reaching a defined level. The fuel tank has an overfill safety valve (6) near the filler with a float unit (7) that trips a mechanism on reaching the fill level to close the filler opening at normal fill pressure and prevent further filling.

IPC 8 full level

B61C 17/02 (2006.01); **B60K 15/04** (2006.01)

CPC (source: EP)

B61C 17/02 (2013.01)

Cited by

CN105163970A; WO2014179116A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1431155 A1 20040623; EP 1431155 B1 20090107; AT E420007 T1 20090115; DE 10259637 A1 20040708; DE 50311043 D1 20090226

DOCDB simple family (application)

EP 03025714 A 20031107; AT 03025714 T 20031107; DE 10259637 A 20021218; DE 50311043 T 20031107