

Title (en)

Coupling head with detachable front plate, for railway vehicles, and corresponding mounting method

Title (de)

Kupplungskopf mit lösbarer Stirnplatte, für Schienenfahrzeuge, sowie dazugehöriges Montageverfahren

Title (fr)

Tête d'attelage avec plaque frontale détachable, pour véhicules ferroviaires, et méthode de montage correspondante

Publication

**EP 1632414 B1 20080709 (DE)**

Application

**EP 04021149 A 20040906**

Priority

EP 04021149 A 20040906

Abstract (en)

[origin: EP1632414A1] The coupling head (1) for rail vehicles has a housing (2) which is closed off by an end plate (4). The endplate and the coupling housing are detachably interconnected. The coupling head housing has no construction details which apply to only one type of rail vehicle, while the construction details which do apply to rail vehicle type are provided in or on the end plate. A compensating element (6) is provided between the coupling head housing and end plate and has the cross sectional geometry of the end face (3) of the coupling head housing. An independent claim is included for a method for the mounting of a coupling head in which heating elements (9,11,13) are fitted in slots or holes in the end plate, and the pre-assembled end plate is then detachably fastened to the coupling head housing by connecting elements (5).

IPC 8 full level

**B61G 3/16** (2006.01); **B61G 7/00** (2006.01)

CPC (source: EP KR US)

**B61G 1/00** (2013.01 - KR); **B61G 3/16** (2013.01 - EP US); **B61G 7/00** (2013.01 - EP KR US)

Cited by

EP4035967A1; WO2019101552A1; EP2263927A1; AU2010202124B2; CN116648396A; EP1894808A3; WO2015162122A1; DE102022121018A1; WO2023025681A1; DE102017127552A1; WO2022173348A1; US8297454B2; DE102021120546A1; WO2023012145A1; EP3713806B1

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 PL PT RO SE SI SK TR

Designated extension state (EPC)

HR

DOCDB simple family (publication)

**EP 1632414 A1 20060308; EP 1632414 B1 20080709**; AT E400486 T1 20080715; AT E413999 T1 20081115; AU 2005281908 A1 20060316; AU 2005281908 B2 20090430; CA 2540970 A1 20060316; CA 2540970 C 20100330; CN 100488820 C 20090520; CN 1842458 A 20061004; DE 502004007562 D1 20080821; DE 502005005972 D1 20081224; DK 1632414 T3 20081117; DK 1805073 T3 20090323; EP 1805073 A1 20070711; EP 1805073 B1 20081112; ES 2308079 T3 20081201; ES 2313402 T3 20090301; KR 100951643 B1 20100407; KR 20070052231 A 20070521; MX PA06002580 A 20060904; NO 20060031 L 20060308; NO 334685 B1 20140512; PL 1632414 T3 20081231; PL 1805073 T3 20090430; PT 1632414 E 20080923; PT 1805073 E 20090102; SI 1632414 T1 20081031; SI 1805073 T1 20090430; US 2007187350 A1 20070816; US 7604136 B2 20091020; WO 2006027196 A1 20060316

DOCDB simple family (application)

**EP 04021149 A 20040906**; AT 04021149 T 20040906; AT 05778101 T 20050905; AU 2005281908 A 20050905; CA 2540970 A 20050905; CN 200580000855 A 20050905; DE 502004007562 T 20040906; DE 502005005972 T 20050905; DK 04021149 T 20040906; DK 05778101 T 20050905; EP 05778101 A 20050905; EP 2005009532 W 20050905; ES 04021149 T 20040906; ES 05778101 T 20050905; KR 20067005152 A 20050905; MX PA06002580 A 20050905; NO 20060031 A 20060104; PL 04021149 T 20040906; PL 05778101 T 20050905; PT 04021149 T 20040906; PT 05778101 T 20050905; SI 200430788 T 20040906; SI 200530486 T 20050905; US 59264905 A 20050905