

Title (en)

Automatic coupling for railway vehicles with side buffers

Title (de)

Automatische Kupplung für Schienenfahrzeuge mit Seitenpuffern

Title (fr)

Attelage automatique pour véhicules ferroviaires dotés de tampons latéraux

Publication

EP 2322403 A3 20120418 (DE)

Application

EP 10014549 A 20101112

Priority

CH 17532009 A 20091113

Abstract (en)

[origin: EP2322403A2] The coupling has side buffers (7, 8) for accommodating pressure forces, and coupling halves comprising a coupling head (4) and connected with a traction device (5) for transmission of traction forces on a vehicle box of a rail vehicle. A clamping device is provided between the coupling head and the vehicle box. A length adjustment between the coupling head and the vehicle box and clamping force are produced during a coupling process. The clamping device has piston/cylinder units (14, 15) with a multi chamber system.

IPC 8 full level

B61G 7/08 (2006.01); **B61G 9/24** (2006.01)

CPC (source: EP)

B61G 7/08 (2013.01); **B61G 9/24** (2013.01)

Citation (search report)

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- [Y] EP 0736440 A2 19961009 - SCHARFENBERGKUPPLUNG GMBH [DE]
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- [A] EP 1149751 A1 20011031 - KNORR BREMSE BR SYSTEME FUER S [DE]
- [A] US 2956695 A 19601018 - METZGER WILLIAM J
- [A] DE 19757621 A1 19990701 - KNORR BREMSE SYSTEME [DE]

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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