

Title (en)
Central buffer coupling for railway vehicles

Title (de)
Mittelpufferkupplung für Schienenfahrzeuge

Title (fr)
Attelage central pour véhicules ferroviaires

Publication
EP 1719684 A1 20061108 (DE)

Application
EP 05009705 A 20050503

Priority
EP 05009705 A 20050503

Abstract (en)
The coupling has a coupling-shaft (1) and a linkage (2), which includes a bearing case (4), where the rear end of the shaft is connected with the linkage. The rear end of the shaft is horizontally pivotable by the bearing case at a wagon body of the railway vehicle. A shock proof unit (5) integrated in the linkage is designed such that a connection between the shaft and the linkage is released when a critical impact force transmitted by the shaft to the linkage exceeds, and the shaft partially absorbs the force transmitted to the linkage.

IPC 8 full level
B61G 7/10 (2006.01); **B61G 7/14** (2006.01)

CPC (source: EP KR US)
B61G 7/10 (2013.01 - EP US); **B61G 7/14** (2013.01 - EP KR US)

Citation (search report)

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- [A] EP 0947410 A1 19991006 - SCHARFENBERGKUPPLUNG GMBH & CO [DE]
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

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EP 1719684 A1 20061108; EP 1719684 B1 20070815; AT E370044 T1 20070915; AU 2006243520 A1 20061109; AU 2006243520 B2 20110623; CA 2568871 A1 20061109; CA 2568871 C 20121016; CN 100503331 C 20090624; CN 1976840 A 20070606; DE 502005001252 D1 20070927; DK 1719684 T3 20071112; ES 2289616 T3 20080201; KR 101184501 B1 20120919; KR 20080009248 A 20080128; NO 20065289 L 20061117; NO 334458 B1 20140310; PL 1719684 T3 20080131; US 2007107623 A1 20070517; US 7552830 B2 20090630; WO 2006117045 A1 20061109

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