

Title (en)
Separable central buffer coupling with centering device

Title (de)
Trennbare Mittenstellungskupplung

Title (fr)
Attelage séparable à tampon central avec dispositif de recentrage

Publication
EP 1719686 B1 20070829 (DE)

Application
EP 05009976 A 20050506

Priority
EP 05009976 A 20050506

Abstract (en)
[origin: EP1719686A1] The coupling has a coupling-shaft vertically pivoted at a linkage housing of a railway vehicle. A coupling-head is provided at a free end of the coupling-shaft. A separable center position coupling (6) releases the connection between a control mechanism of a horizontal central resetting device and a center position guide when a critical impact force or traction force exceeds. A connecting plate moves backwards and pushes the linkage into a space provided in an undercarriage of the wagon body during crash. The connection between the coupling-shaft and the control mechanism is released during crash i.e. when impact force or traction force is transmitted over the shaft.

IPC 8 full level
B61G 7/12 (2006.01); **B61G 7/14** (2006.01)

CPC (source: EP US)
B61G 7/12 (2013.01 - EP US); **B61G 7/14** (2013.01 - EP US)

Cited by
DE102016104740A1; CN102343918A; US11370466B2; WO2018077752A1

Designated contracting state (EPC)
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

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