

Title (en)
Central buffer coupling for railway vehicles

Title (de)
Mittelpufferkupplung für Schienenfahrzeuge

Title (fr)
Attelage à tampon central pour véhicules ferroviaires

Publication
EP 0640519 B1 19970625 (DE)

Application
EP 94111607 A 19940726

Priority
DE 4328811 A 19930827

Abstract (en)
[origin: US5472104A] The present invention pertains to a central buffer coupling for rail-borne vehicles with a two-part coupling shaft formed by a front shaft part (2) carrying the coupling shaft (1) and by a rear shaft part (3) hinged horizontally pivotably to the chassis of the rail-borne vehicle, wherein the two shaft parts (2 and 3) of the two-part coupling shaft are connected to one another by a vertical connecting pin (5). A locking bar (7), which is displaceable in the longitudinal direction to a limited extent in the coupling shaft, is provided as the fixing device, and the said locking bar can be displaced, in the mutually extended position of the two shaft parts (2 and 3), by the force of a spring (13), into a locked position, in which the locking bar (7) associated with one of the shaft parts (2 or 3) engages the vertical groove (6) associated with the other shaft part (3 or 2) to make the coupling shaft rigid.

IPC 1-7
B61G 7/10

IPC 8 full level
B61G 7/08 (2006.01); **B61G 7/10** (2006.01)

CPC (source: EP US)
B61G 7/08 (2013.01 - EP US)

Cited by
DE102017102448A1; EP1535816A1; AU2008244367B2; EP1985518A1; US7490729B2; WO2008132124A1; WO2018145929A1; US11407435B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL PT SE

DOCDB simple family (publication)
US 5472104 A 19951205; AT E154786 T1 19970715; AU 678268 B2 19970522; AU 7147294 A 19950309; DE 4328811 C1 19941027; DE 59403214 D1 19970731; EP 0640519 A1 19950301; EP 0640519 B1 19970625; ES 2103521 T3 19970916

DOCDB simple family (application)
US 29673394 A 19940826; AT 94111607 T 19940726; AU 7147294 A 19940825; DE 4328811 A 19930827; DE 59403214 T 19940726; EP 94111607 A 19940726; ES 94111607 T 19940726