

Title (en)

Central buffer coupling with centering device.

Title (de)

Mittelpufferkupplung mit Mittenrückstellung.

Title (fr)

Attelage à tampon central avec dispositif de recentrage.

Publication

EP 1538057 B1 20060426 (DE)

Application

EP 03028145 A 20031205

Priority

EP 03028145 A 20031205

Abstract (en)

[origin: EP1538057A1] The coupling has coupling head (37) on a coupling shaft (2) with pivot device (19), which has a guide (4) with actuator (8), and a pressure device (5) to reset the shaft. The guide is connected to the actuator via a guide pin, which moves in the contour of a crank and may be brought into engagement with a driver element of the guide. The engagement can be released when the guide is in center position. The guide is a cam plate (4a) held turnable about a vertical pivot bolt (14) in the shaft link housing (7), and coupled synchronously to the shaft. All pivot movements are automated or operated by remote control.

IPC 8 full level

B61G 7/12 (2006.01); **B61G 7/08** (2006.01)

CPC (source: EP US)

B61G 7/08 (2013.01 - EP US); **B61G 7/12** (2013.01 - EP US)

Cited by

DE102018114745A1; AU2008244367B2; EP1985518A1; WO2008132124A1; US11370466B2; WO2018077752A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 03028145 A 20031205; AT 03028145 T 20031205; DE 50303127 T 20031205; DK 03028145 T 20031205; ES 03028145 T 20031205; PL 37146204 A 20041129; PT 03028145 T 20031205; US 249404 A 20041202