

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; US11370466B2; WO2008132124A1; WO2018077752A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1538057 A1 20050608; EP 1538057 B1 20060426; AT E324305 T1 20060515; DE 50303127 D1 20060601; DK 1538057 T3 20060529; ES 2261859 T3 20061116; PL 204220 B1 20091231; PL 371462 A1 20050613; PT 1538057 E 20060630; US 2005121404 A1 20050609; US 7055705 B2 20060606

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