

Title (en)

Coupling head of an automatic middle buffer

Title (de)

Kupplungskopf einer automatischen Mittelpufferkupplung

Title (fr)

Tête d'accouplement d'un attelage central automatique

Publication

EP 2371657 B1 20121031 (DE)

Application

EP 10172493 A 20100811

Priority

- EP 10157092 A 20100319
- EP 10172493 A 20100811

Abstract (en)

[origin: EP2371657A1] The head (1) has a stiffness rendering unit (8) i.e. coupling clamp, arranged in an area of a large coupling claw (4), and another stiffness rendering unit (9) i.e. coupling case, arranged in an area of a small coupling claw (5), where the latter unit is designed complementary to the former unit. A lever mechanism automatically drives a coupling part of a conducting coupler (20) from a retracted position to a driven-up position. The mechanism is operated by the formation of engagement of the latter unit with the former unit during coupling of the head with a counter coupling head.

IPC 8 full level

B61G 3/10 (2006.01); **B61G 5/06** (2006.01)

CPC (source: EP)

B61G 3/10 (2013.01); **B61G 5/06** (2013.01)

Cited by

DE102017113541A1; WO2018233898A1; DE202014001206U1; WO2015121290A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2371657 A1 20111005; EP 2371657 B1 20121031; CN 102190004 A 20110921; CN 102190004 B 20131204; EA 020280 B1 20141030; EA 201100098 A1 20111230; GE P20146130 B 20140811; UA 101669 C2 20130425

DOCDB simple family (application)

EP 10172493 A 20100811; CN 201110070066 A 20110318; EA 201100098 A 20110125; GE AP2011012145 A 20110318; UA A201100357 A 20110112