

Title (en)

ATTACHMENT FOR ARTICULATED CONNECTION OF A COUPLING ROD TO A CARRIAGE BODY

Title (de)

ANLENKUNG ZUM GELENKIGEN VERBINDEN EINER KUPPLUNGSSTANGE MIT EINEM WAGENKASTEN

Title (fr)

ARTICULATION POUR LA LIAISON ARTICULÉE D'UNE BARRE D'ATTELAGE À UNE CAISSE DE WAGON

Publication

**EP 3554918 A1 20191023 (DE)**

Application

**EP 17811882 A 20171128**

Priority

- DE 102016124808 A 20161219
- EP 2017080598 W 20171128

Abstract (en)

[origin: WO2018114236A1] The invention relates to an attachment (1) for the articulated connection of a coupling rod (2) to a carriage body, wherein the attachment (1) has a base plate (10) that can be connected to a carriage body. The attachment (1) also has a push/pull device (9) having a front spring plate (12) and a rear spring plate (14). According to the invention, the push/pull device has at least one front spring element (20) of elastic material arranged between the baseplate (10) and the front spring plate (12), and at least one rear spring element (30) of elastic material arranged between the baseplate (10) and the rear spring plate (14), wherein the front spring element (20) and the at least one rear spring element (30) are each formed in the shape of a ring or torus in the unloaded state. According to the invention, in particular the front spring plate (12) has an end face facing the front spring element (20), which end face is contoured, at least in some areas, and the baseplate (10) has an end face facing the front spring element (20), which end face is contoured, at least in some areas, wherein the contour of the end face of the front spring plate (12) is complementary to the contour of the end face of the baseplate, at least in some areas.

IPC 8 full level

**B61G 9/24** (2006.01); **B61G 7/10** (2006.01)

CPC (source: EP)

**B61G 7/10** (2013.01); **B61G 9/24** (2013.01)

Citation (search report)

See references of WO 2018114236A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102016124808 A1 20180621**; CN 110049910 A 20190723; CN 110049910 B 20220301; EP 3554918 A1 20191023;  
EP 3554918 B1 20230104; WO 2018114236 A1 20180628

DOCDB simple family (application)

**DE 102016124808 A 20161219**; CN 201780075835 A 20171128; EP 17811882 A 20171128; EP 2017080598 W 20171128