

Title (en)

Coupling head of an automatic central coupler for rail vehicles of Willison design

Title (de)

Kupplungskopf einer automatischen Mittelpufferkupplung für Schienenfahrzeuge nach Art einer Willison-Kupplung mit der Willison-Kontur

Title (fr)

Tête d'attelage automatique à tampon central pour véhicules ferroviaires du type Willison

Publication

EP 1806267 B1 20110921 (DE)

Application

EP 07000005 A 20070102

Priority

DE 202006000146 U 20060105

Abstract (en)

[origin: EP1806267A2] The coupling head (20) of an automatic center buffer coupling for rail vehicles is in the fashion of a Willison coupler and has a coupling socket (18) with two approximately parallel guide faces of a push contour (13) and a pull contour (14). Through suitable sizing of the parts of the buffer coupling, the push contour, the pull contour, the support surface (12) of the small tooth (27) and/or of the coupling socket base (10), deviating from the standard Willison-contour according to UIC code of practice 523, the play with intercoupled coupling heads, especially in the new state of the coupling heads, is almost zero, and especially less than 4 mm.

IPC 8 full level

B61G 3/10 (2006.01); **B61G 3/16** (2006.01)

CPC (source: EP)

B61G 3/10 (2013.01); **B61G 3/14** (2013.01)

Cited by

WO2016041834A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1806267 A2 20070711; **EP 1806267 A3 20080709**; **EP 1806267 B1 20110921**; AT E525265 T1 20111015; DE 202006000146 U1 20060309

DOCDB simple family (application)

EP 07000005 A 20070102; AT 07000005 T 20070102; DE 202006000146 U 20060105