

Title (en)

Service and towing coupler, with articulated coupling bar

Title (de)

Betriebs- und Abschleppkupplung, mit gelenkiger Kupplungsstange

Title (fr)

Accouplement pour le service et le remorquage, avec barre d'attelage articulée

Publication

EP 1619101 B1 20070103 (DE)

Application

EP 04017095 A 20040720

Priority

EP 04017095 A 20040720

Abstract (en)

[origin: EP1619101A1] The operating and towbar coupling, especially for rail vehicles, has rods attached to both vehicles with a direct or indirect coupling between them which can use a third rod at the second vehicle. A locking bolt (3) gives a release bond between the free ends (4,5) of the two rods, with an operating lever (6) to move the bolt between locked and released positions. The operating lever has a top/bottom dead center setting in both modes to prevent an uncontrolled shift of the locking bolt through vibration, and the like, through a structured lever assembly (7).

IPC 8 full level

B61G 7/08 (2006.01)

CPC (source: EP)

B61G 7/08 (2013.01)

Cited by

DE102017102448A1; WO2018145929A1; CN108515980A; AT522078A4; AT522078B1; CN110267860A; US11407435B2

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Designated extension state (EPC)

HR LT LV

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