

Title (en)

Traction/compression buffer for coupling devices on railway and wheel mounted vehicles

Title (de)

Zug-/Druckpuffer für Anhängervorrichtungen an Schienen- und Radfahrzeugen

Title (fr)

Tampon de traction/compression pour dispositifs d'attelage installés sur des véhicules ferroviaires et des véhicules à roues

Publication

**EP 1350704 B1 20070207 (DE)**

Application

**EP 03006406 A 20030321**

Priority

DE 20205198 U 20020404

Abstract (en)

[origin: EP1350704A1] The force/pressure buffer has a housing (1) and piston (2) which moves under steam in both directions. The buffer moves as a single unit with hydraulic damping and the piston has a ring-shaped working area (25) which is sealed with a moving, guided ring piston (11) in a first function chamber (23) and a second function chamber (24). The work is divided between the two chambers which are connected by an overflow channel (22). An axial control rod (29) is in connection with both the function chambers and controls the overflow function and distribution between the two chambers.

IPC 8 full level

**B61G 11/12** (2006.01); **B61G 9/08** (2006.01)

CPC (source: EP)

**B61G 11/12** (2013.01)

Cited by

DE102018106157A1; CN110843845A; EP3539841A1; US10036445B2

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DOCDB simple family (publication)

**EP 1350704 A1 20031008; EP 1350704 B1 20070207**; AT E353298 T1 20070215; DE 20205198 U1 20020814; DE 50306448 D1 20070322; ES 2281577 T3 20071001

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