

Title (en)

Damping device for drawing and/or buffing devices of railway vehicles

Title (de)

Dämpfungsvorrichtung für Zug- und/oder Stosseinrichtungen an Schienenfahrzeugen

Title (fr)

Dispositif d'amortissement pour dispositifs de traction et/ou de tamponnement des véhicules ferroviaires

Publication

EP 1738985 A1 20070103 (DE)

Application

EP 06405264 A 20060621

Priority

CH 11052005 A 20050630

Abstract (en)

An elastomeric or mechanical damping mechanism (4) and a gas hydraulic damping mechanism (5) support a tappet (2) in a case (1). The damping mechanism (5) includes a cylindrical pressure chamber (9) that becomes smaller when a piston (7) is driven into the pressure chamber. An outlet (15) formed between the cylinder wall (6a) of the pressure chamber and the piston leads to a receiving chamber (10) through a duct (14). The portion of the piston introduced into the pressure chamber is cylindrical and exhibits a constant outside diameter.

IPC 8 full level

B61G 11/12 (2006.01)

CPC (source: EP)

B61G 11/12 (2013.01)

Citation (applicant)

- DE 19619214 A1 19971120 - EISENBAHNTECH HALBERSTADT GMBH [DE]
- EP 0451630 A1 19911016 - FISCHER AG GEORG [CH]

Citation (search report)

- [XDAY] EP 0451630 A1 19911016 - FISCHER AG GEORG [CH]
- [YA] DE 2703530 A1 19780803 - RHEINMETALL GMBH
- [A] DE 8020525 U1 19801113

Cited by

CN114407962A

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1738985 A1 20070103; EP 1738985 B1 20081119; AT E414644 T1 20081215; DE 502006002099 D1 20090102; ES 2317478 T3 20090416

DOCDB simple family (application)

EP 06405264 A 20060621; AT 06405264 T 20060621; DE 502006002099 T 20060621; ES 06405264 T 20060621