

Title (en)

Resilient traction and/or buffing device for railway vehicles

Title (de)

Federnde Zug- und/oder Stosseinrichtung für Schienenfahrzeuge

Title (fr)

Dispositif élastique de traction et/ou de tamponnement pour véhicules ferroviaires

Publication

**EP 1167154 A3 20020911 (DE)**

Application

**EP 01810405 A 20010425**

Priority

- CH 12262000 A 20000621
- CH 17092000 A 20000901

Abstract (en)

[origin: EP1167154A2] The gas-hydraulic control unit (12) includes a valve assembly (13). When the plunger (2) is resiliently deflected, the valve regulates flow of hydraulic fluid from the oil chamber (9) into the gas chamber (8). This regulation assures that acceleration transmitted to the vehicle by the plunger, does not exceed a predetermined maximum.

IPC 1-7

**B61G 11/12**; **B61G 9/08**

IPC 8 full level

**B61G 11/12** (2006.01)

CPC (source: EP)

**B61G 11/12** (2013.01)

Citation (search report)

- [XY] US 5160123 A 19921103 - DANIELI STEN H [SE]
- [XY] DE 19523467 A1 19970109 - RINGFEDER GMBH [DE]
- [Y] US 3567042 A 19710302 - BORGO NORMAN J

Cited by

EP1616771A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1167154 A2 20020102**; **EP 1167154 A3 20020911**; **EP 1167154 B1 20040317**; AT E261834 T1 20040415

DOCDB simple family (application)

**EP 01810405 A 20010425**; AT 01810405 T 20010425