

Title (en)

DRAWING AND BUFFERING GEAR, ESPECIALLY FOR RAILROAD VEHICLES WITH CENTRAL COUPLINGS

Publication

**EP 0261454 B1 19911204 (DE)**

Application

**EP 87112708 A 19870901**

Priority

DE 3630630 A 19860909

Abstract (en)

[origin: EP0261454A1] On a drawing and buffering gear are two opposing counter-balanced friction springs (1 and 2), one of which (1) is designed to absorb the tensile forces and the other (2) the compressive forces. The first spring (1) absorbing the tensile forces is relieved when compressive forces occur in the compression direction. Conversely the other spring (2) absorbing the compressive forces is relieved when tensile forces occur in the traction direction. The distance by which these springs (1 and 2) relax is at most equal to the spring travel corresponding to their respective prestressing force, any such limitation preferably being achieved by means of a stop (3 or 4) in each case. <IMAGE>

IPC 1-7

**B61G 9/04; B61G 9/18**

IPC 8 full level

**B61G 9/04** (2006.01); **B61G 9/12** (2006.01); **B61G 9/18** (2006.01)

CPC (source: EP)

**B61G 9/045** (2013.01); **B61G 9/125** (2013.01); **B61G 9/18** (2013.01)

Designated contracting state (EPC)

AT CH DE FR LI NL SE

DOCDB simple family (publication)

**EP 0261454 A1 19880330; EP 0261454 B1 19911204**; AT E70016 T1 19911215; DE 3630630 A1 19880317; DE 3774985 D1 19920116

DOCDB simple family (application)

**EP 87112708 A 19870901**; AT 87112708 T 19870901; DE 3630630 A 19860909; DE 3774985 T 19870901