

Title (en)
PULL GEAR FOR RAIL VEHICLES

Publication
EP 0029128 B1 19831221 (DE)

Application
EP 80106405 A 19801021

Priority
DE 2946296 A 19791116

Abstract (en)
[origin: EP0029128A1] 1. Pull gear for rail vehicles, substantially consisting of a support plate (2) connectable to the vehicle, a draw rod (7) which penetrates through the support plate (2), a spring (1), preferably a fraction spring, and a housing (6) surrounding the outer area of the spring (1), the draw rod (7) comprising a coupling member (7a) at its front end and a nut (4) at its rear end, and the spring (1) being supported on the one hand, from the rear with respect to the support plate (2) and, on the other, against a drawing element (5) which is arranged ahead of the nut (4) and - at least when the nut (4) is not yet mounted - rests against an inwardly directed collar (6a) of the housing (6), characterized in that the front end of the spring (1) is supported at the inner face (3a) of a base plate (3) which may be applied from the rear against the support plate (2) ; and in that the housing (6) is connected in a traction-resistant manner to the base plate (3), the spring (1), the base plate (3), the housing (6), and the drawing element (5) forming a pre-stressed assembly unit.

IPC 1-7
B61G 9/22

IPC 8 full level
B61G 9/00 (2006.01); **B61G 9/22** (2006.01)

CPC (source: EP)
B61G 9/00 (2013.01); **B61G 9/22** (2013.01)

Cited by
EP0040810A3; EP3647152A1; EP1900592A1; EP3825202A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0029128 A1 19810527; EP 0029128 B1 19831221; AT E5644 T1 19840115; DD 154209 A1 19820303; DE 2946296 A1 19810527; DE 2946296 C2 19840426; DE 3065952 D1 19840126; FI 803572 L 19810517; NO 149098 B 19831107; NO 149098 C 19840215; NO 803444 L 19810518; TR 20918 A 19830101; YU 284080 A 19830121

DOCDB simple family (application)
EP 80106405 A 19801021; AT 80106405 T 19801021; DD 22508680 A 19801110; DE 2946296 A 19791116; DE 3065952 T 19801021; FI 803572 A 19801114; NO 803444 A 19801114; TR 2091880 A 19801111; YU 284080 A 19801106