

Title (en)

Support for structures mounted on frames of track-bound freight cars especially for tanks on tank vehicles.

Title (de)

Abstützeinrichtung für auf Untergestellen schienengebundener Güterwagen gelagerter Aufbauten, insbesondere für Kessel auf Kesselwagen.

Title (fr)

Fixation pour structures montées sur châssis de wagons à marchandises sur rails notamment pour citernes sur wagons-citernes.

Publication

EP 0534292 B1 19941117 (DE)

Application

EP 92115797 A 19920916

Priority

DE 4132048 A 19910926

Abstract (en)

[origin: EP0534292A1] In order to increase the energy absorbing capacity of the elements of a support device which support the structure (4) against the frame (1) in the longitudinal direction and in order to improve the restoring capacity of the structure (4) with respect to the frame (1) after a buffer impact, a tensile element (10) which extends from the central saddle (7) to the associated end A or B and which is characterised under tensile stress by extension in the elastic area with high restoring forces is attached either between the structure-side stop elements (8) and the central saddle (7) or between the frame-side counterbearings (9) and their support at the end of the frame (1). <IMAGE>

IPC 1-7

B61D 5/06

IPC 8 full level

B61D 5/06 (2006.01); **B61F 1/14** (2006.01)

CPC (source: EP)

B61D 5/06 (2013.01)

Cited by

CN104477193A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0534292 A1 19930331; **EP 0534292 B1 19941117**; AT E114130 T1 19941215; CZ 294792 A3 19930414; DE 4132048 A1 19930408; DE 4132048 C2 19930819; DE 59200784 D1 19941222; HU 9203072 D0 19921228; HU T64726 A 19940228; PL 296053 A1 19930531

DOCDB simple family (application)

EP 92115797 A 19920916; AT 92115797 T 19920916; CS 294792 A 19920925; DE 4132048 A 19910926; DE 59200784 T 19920916; HU 9203072 A 19920925; PL 29605392 A 19920925