

Title (en)  
TRUCK FRAME FOR RAILWAY ROLLING STOCK

Title (de)  
DREHGESTELL-FAHRWERK FÜR EIN SCHIENENFAHRZEUG

Title (fr)  
CHASSIS DE BOGIE POUR MATERIEL FERROVIAIRE ROULANT

Publication  
**EP 0944513 B1 20000726 (DE)**

Application  
**EP 97946701 A 19971203**

Priority  
• AT 9700269 W 19971203  
• AT 222996 A 19961219

Abstract (en)  
[origin: WO9826970A1] The present invention pertains to a truck frame for railway rolling stock with a two-axle undercarriage secured by means of a primary suspension to a frame on which, through the intermediate setting (28, 29) of a secondary suspension, a hinged bracket (30) is mounted, transversally oriented relative to the direction of movement, said hinged bracket (30) being attached through oscillation about an axle oriented longitudinally relative to the car to an inclinable cross-bar bearing the car body. This cross-bar is designed as a frame and has two crossbearers (46, 47) mounted prior to or past the hinged bracket (30), while the crossbearers (46, 47) take their bearing against the hinged bracket in direction of movement and are mounted transversally mobile relative to direction of movement. Furthermore, the cross-bar has preferably a central segment (50, 51, 52) connected to the frame (2) of the undercarriage to absorb the longitudinal forces through a guide in the form of a lemniscate, so that the cross-bar (31) can rotate about a substantially vertical axis and hinge in a substantially transversal plane relative to the direction of movement.

IPC 1-7  
**B61F 5/22**

IPC 8 full level  
**B61F 5/22** (2006.01); **B61F 5/00** (2006.01); **B61F 5/10** (2006.01); **B61F 5/24** (2006.01)

IPC 8 main group level  
**B61F** (2006.01)

CPC (source: EP KR US)  
**B61F 5/22** (2013.01 - EP KR US)

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9826970 A1 19980625**; AT 405166 B 19990625; AT A222996 A 19981015; AT E194947 T1 20000815; AU 5184698 A 19980715; AU 722532 B2 20000803; CA 2274118 A1 19980625; CA 2274118 C 20070130; CN 1098185 C 20030108; CN 1240397 A 20000105; CZ 210699 A3 20000412; CZ 297368 B6 20061115; DE 59702092 D1 20000831; EP 0944513 A1 19990929; EP 0944513 B1 20000726; ES 2151747 T3 20010101; HK 1023970 A1 20000929; HR P970695 A2 19980630; HR P970695 B1 20010228; HU 221927 B1 20030228; HU P0001085 A2 20000828; HU P0001085 A3 20020128; JP 2001506202 A 20010515; JP 4254971 B2 20090415; KR 100492853 B1 20050602; KR 20000057630 A 20000925; NO 306899 B1 20000110; NO 992439 D0 19990520; NO 992439 L 19990812; PL 184653 B1 20021129; PL 334340 A1 20000228; RU 2203818 C2 20030510; SK 285921 B6 20071102; SK 79499 A3 20000118; TW 480227 B 20020321; US 6247413 B1 20010619

DOCDB simple family (application)  
**AT 9700269 W 19971203**; AT 222996 A 19961219; AT 97946701 T 19971203; AU 5184698 A 19971203; CA 2274118 A 19971203; CN 97180783 A 19971203; CZ 210699 A 19971203; DE 59702092 T 19971203; EP 97946701 A 19971203; ES 97946701 T 19971203; HK 00103242 A 20000531; HR P970695 A 19971218; HU P0001085 A 19971203; JP 52710798 A 19971203; KR 19997005427 A 19990616; NO 992439 A 19990520; PL 33434097 A 19971203; RU 99116045 A 19971203; SK 79499 A 19971203; TW 86118021 A 19980123; US 31953799 A 19990806