

Title (en)
BOGIE FOR HIGH-SPEED RAIL VEHICLES

Publication
EP 0389582 B1 19930922 (DE)

Application
EP 89908799 A 19890808

Priority
CH 322388 A 19880830

Abstract (en)
[origin: WO9002068A1] A bogie for high-speed rail vehicles is a combination of an automatic control device (11, 11') for mutual automatic control, for the purpose of radial adjustment of the wheel sets (5, 5'), between the automatic control device (11, 11') and additional restraining means (6) arranged on the bogie frame (2) and a rotation-inhibiting device (31) which connects the automatic control device with the waggon body (10). The automatic control device (11, 11') is mounted in a pivot bearing (3, 3') on either side of the bogie frame (2). It has two drop arms (12, 12') interconnected in a torsion-proof, rigid manner, for example by a pipe (13). This bogie is suitable for a high-speed rail vehicle which runs smoothly with minimal stress on the track even at high speeds, because the wheelsets are radial adjusted only when rounding bends.

IPC 1-7
B61F 5/24; **B61F 5/38**; **B61F 5/44**

IPC 8 full level
B61F 5/24 (2006.01); **B61F 5/38** (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP US)
B61F 5/24 (2013.01 - EP US); **B61F 5/38** (2013.01 - EP US); **B61F 5/44** (2013.01 - EP US)

Cited by
CN110588699A; DE19505338A1

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

DOCDB simple family (publication)
WO 9002068 A1 19900308; AU 4038489 A 19900323; BG 91850 A 19931224; CA 1330178 C 19940614; CS 503689 A3 19920415; DD 287446 A5 19910228; DE 58905696 D1 19931028; DK 101390 A 19900425; DK 101390 D0 19900425; EP 0389582 A1 19901003; EP 0389582 B1 19930922; FI 902128 A0 19900427; FI 96830 B 19960531; FI 96830 C 19960910; GB 2230501 A 19901024; GB 2230501 B 19920408; GB 9009289 D0 19900822; GR 1000524 B 19920825; GR 890100533 A 19900822; HU 894684 D0 19900728; HU T55689 A 19910628; JP H03501008 A 19910307; NO 173265 B 19930816; NO 173265 C 19931124; NO 901866 D0 19900426; NO 901866 L 19900426; PL 163342 B1 19940331; RU 2083405 C1 19970710; US 5211116 A 19930518; YU 165689 A 19931020; YU 47331 B 19950131; ZA 896623 B 19900530

DOCDB simple family (application)
CH 8900146 W 19890808; AU 4038489 A 19890808; BG 9185090 A 19900425; CA 609588 A 19890828; CS 503689 A 19890830; DD 33213589 A 19890828; DE 58905696 T 19890808; DK 101390 A 19900425; EP 89908799 A 19890808; FI 902128 A 19900427; GB 9009289 A 19900425; GR 890100533 A 19890828; HU 468489 A 19890808; JP 50832089 A 19890808; NO 901866 A 19900426; PL 28119489 A 19890829; SU 4830144 A 19890808; US 49935790 A 19900427; YU 165689 A 19890829; ZA 896623 A 19890830