

Title (en)  
HIGH-SPEED RAILWAY VEHICLE WITH A VARIABLE-ATTITUDE BODY

Publication  
**EP 0189382 A3 19870826 (EN)**

Application  
**EP 86830008 A 19860116**

Priority  
IT 6704585 A 19850118

Abstract (en)  
[origin: EP0189382A2] A railway vehicle has a variable-attitude body (C) supported through resilient suspension means by a cross bearer (32) connected to the bogie (10) by two pairs of connecting rods (44). The variations in attitude of the body (C) are effected by means of two hydraulic jacks (62) articulated at their lower ends to the structure of the bogie and at their upper ends to the cross bearer, whose position is such as to support part of the weight of the body during its variations in attitude.

IPC 1-7  
**B61F 5/22**; **B61F 1/14**; **B61F 5/24**

IPC 8 full level  
**B61F 1/14** (2006.01); **B61F 5/24** (2006.01)

CPC (source: EP)  
**B61F 1/14** (2013.01); **B61F 5/24** (2013.01); **B61F 5/245** (2013.01)

Citation (search report)  
• [Y] DE 2040922 A1 19720224 - MAK MASCHB GMBH  
• [Y] FR 818803 A 19371004 - DECAUVILLE AINE SOC NOUV ETS  
• [Y] GB 1330494 A 19730919 - MLW WORTHINGTON LTD  
• [Y] FR 2345330 A1 19771021 - FIAT SPA [IT]  
• [Y] DE 2145738 A1 19730322 - WEGMANN & CO  
• [A] US 3717104 A 19730220 - LAW E, et al  
• [A] US 4069767 A 19780124 - GLAZE STANLEY GEORGE  
• [A] CH 600426 A5 19780615 - SIG SCHWEIZ INDUSTRIEGES  
• [A] RAILWAY GAZETTE INTERNATIONAL, vol. 133, January 1977, pages 27,29,31, London, GB; "Prototype APTs take shape at Derby"

Cited by  
EP0930211A1; FR2633887A1; DE3711907A1; DE4423638C2; EP0287821A3; AT408739B; AT405166B; CN115230767A; CN109094596A; DE4423637C2; AT395569B; EP0844159A1; FR2756241A1; US5970883A; EP0857635A2; WO9000485A1; EP0918008A1; FR2771065A1; US6199875B1

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

DOCDB simple family (publication)  
**EP 0189382 A2 19860730**; **EP 0189382 A3 19870826**; IT 1183754 B 19871022; IT 8567045 A0 19850118

DOCDB simple family (application)  
**EP 86830008 A 19860116**; IT 6704585 A 19850118