

Title (en)  
MECHANICAL DEVICE FOR STABILIZING RAIL VEHICLES

Publication  
**EP 0273940 B1 19910130 (DE)**

Application  
**EP 87904228 A 19870709**

Priority  
CH 280286 A 19860711

Abstract (en)  
[origin: WO8800543A1] A mechanical device for stabilizing rail vehicles is used to change the position of the superstructure in relation to at least one wheelset. At least one wheelset (9') is directly linked by a rod (1) to the superstructure, and the two control levers (3, 3') of a pair of wheels are operationally linked with each other as a four-bar linkage and to a C-shaped control frame (10') as a torque rod. This stabilizing device of the superstructure allows for increased speed in the curves and prevents the passengers from being affected in the curves by transversal accelerating forces beyond a certain threshold value.

IPC 1-7  
**B61F 5/22; B61F 5/44**

IPC 8 full level  
**B61F 5/22** (2006.01); **B61F 5/44** (2006.01); **B61F 5/24** (2006.01)

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

CPC (source: EP)  
**B61F 5/22** (2013.01); **B61F 5/44** (2013.01)

Cited by  
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DOCDB simple family (publication)  
**WO 8800543 A1 19880128**; AT E60554 T1 19910215; CH 680996 A5 19921231; DE 3767861 D1 19910307; DK 125388 A 19880309; DK 125388 D0 19880309; EP 0273940 A1 19880713; EP 0273940 B1 19910130; EP 0388999 A2 19900926; EP 0388999 A3 19910410; FI 881119 A0 19880310; FI 881119 A 19880310; FI 91140 B 19940215; FI 91140 C 19940525; FR 2603012 A1 19880226; FR 2603012 B1 19890623; IT 1222006 B 19900831; IT 8721244 A0 19870710; JP H01500259 A 19890202; NO 169478 B 19920323; NO 169478 C 19920701; NO 880880 D0 19880229; NO 880880 L 19880229

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