

Title (en)

Articulated device for guiding and sustaining a railway vehicle.

Title (de)

Gelenkvorrichtung zum Führen und Abstützen eines Schienenfahrzeuges.

Title (fr)

Dispositif articulé de guidage et de sustentation d'un véhicule ferroviaire.

Publication

**EP 0348378 A1 19891227 (FR)**

Application

**EP 89870098 A 19890621**

Priority

BE 8800714 A 19880622

Abstract (en)

A device consisting of a deformable support equipped with at least four independent wheels (5, 55 and 45, 65) and comprising a horizontal transom (3) and two sole bars (4, 44) which pivot and can be inclined relative to the transom (3). <??>The two sole bars (4, 44), each provided with at least two wheels (5, 55 and 45, 65), are mounted on articulated elements (7, 47) fixed to the transom (3) on either side of the longitudinal axial vertical plane of the vehicle, such that the articulation pivots (for example 18, 38, 52, 91) of the sole bars (4, 44) have variable relative positions. This results in a compensation of the reduction in distance between sole bars (4, 44) which occurs when they pivot, and hence a constant good match between the spacing of the wheels (5, 45, 55, 65) and the width of the track.

IPC 1-7

**B61F 3/16**; **B61F 5/42**; **B61F 5/44**

IPC 8 full level

**B61F 3/16** (2006.01); **B61F 5/42** (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP US)

**B61F 3/16** (2013.01 - EP US); **B61F 5/42** (2013.01 - EP US); **B61F 5/44** (2013.01 - EP US)

Citation (search report)

- [APD] WO 8808802 A1 19881117 - FERROVIAIRES & METALL CONSTR [BE]
- [AD] EP 0060000 A1 19820915 - FERROVIAIRES & METALL CONSTR [BE]
- [A] EP 0168578 A2 19860122 - THYSEN INDUSTRIE [DE]
- [A] DE 3342968 A1 19840329 - FREDERICH FRITZ PROF DR ING

Cited by

WO2009063569A1; EP2216227A4; EP0681541A4; JP2007331461A; JP2007331713A; ES2078137A1; BE1003970A3; AU657101B2; US5582111A; EP0763454A3; EP2184214A4; WO9208635A1; US8327772B2

Designated contracting state (EPC)

AT CH DE ES FR IT LI NL

DOCDB simple family (publication)

**EP 0348378 A1 19891227**; **EP 0348378 B1 19910925**; AT E67720 T1 19911015; BE 1001811 A3 19900313; CA 1321104 C 19930810; DE 68900283 D1 19911031; ES 2027069 T3 19920516; US 5042394 A 19910827

DOCDB simple family (application)

**EP 89870098 A 19890621**; AT 89870098 T 19890621; BE 8800714 A 19880622; CA 603473 A 19890621; DE 68900283 T 19890621; ES 89870098 T 19890621; US 36958289 A 19890621