

Title (en)  
GUIDING AND CARRYING DEVICE FOR A RAILWAY VEHICLE

Publication  
**EP 0291491 B1 19910313 (FR)**

Application  
**EP 88870090 A 19880511**

Priority  
BE 8700527 A 19870513

Abstract (en)  
[origin: WO8808802A1] The device (1) for guiding and supporting a railway vehicle according to the invention is a bogie with independent wheels comprising one sleeper (3) and two sills (4) mounted pivoting and inclinable with respect to the sleeper (3). The sills (4) are comprised of two parts interconnected by a hinge consisting of a substantially vertical pivot (8) improving the capacity of the device to take curves on the railway track. The first part of the sill (4) is a longitudinal frame element (8) articulated to the slipper (3) by a hinge (12). It carries a driving wheel (6). The second part of the sill (4) is a steering arm (7) which is in prolongation of the longitudinal frame element (5) and is integral with the latter by a substantially vertical pivot (8). The steering arm (7) carries a guiding wheel (9).

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

IPC 8 full level  
**B61F 5/40** (2006.01); **B61D 11/00** (2006.01); **B61F 3/16** (2006.01); **B61F 5/38** (2006.01); **B61F 5/44** (2006.01)

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

CPC (source: EP US)  
**B61D 11/00** (2013.01 - EP US); **B61F 3/16** (2013.01 - EP US); **B61F 5/38** (2013.01 - EP US); **B61F 5/44** (2013.01 - EP US)

Cited by  
EP1110838A1; JP2008062680A; FR2632917A1; BE1003970A3; AU657101B2; FR2802883A1; FR2684949A1; DE19714789B4; US6418859B1; WO9208635A1; WO9965750A1

Designated contracting state (EPC)  
ES GR

DOCDB simple family (publication)  
**EP 0291491 A1 19881117; EP 0291491 B1 19910313**; AT E78224 T1 19920815; BE 1000530 A4 19890117; CA 1304988 C 19920714; DE 3872876 D1 19920820; DE 3872876 T2 19930325; EP 0358697 A1 19900321; EP 0358697 B1 19920715; ES 2022719 B3 19911201; FI 895329 A0 19891109; FI 95892 B 19951229; FI 95892 C 19960410; GR 3002094 T3 19921230; JP H02503412 A 19901018; NO 170321 B 19920629; NO 170321 C 19921007; NO 890137 D0 19890112; NO 890137 L 19890313; US 5081934 A 19920121; WO 8808802 A1 19881117

DOCDB simple family (application)  
**EP 88870090 A 19880511**; AT 88904451 T 19880511; BE 8700527 A 19870513; BE 8800014 W 19880511; CA 566816 A 19880513; DE 3872876 T 19880511; EP 88904451 A 19880511; ES 88870090 T 19880511; FI 895329 A 19891109; GR 910400772 T 19910610; JP 50426888 A 19880511; NO 890137 A 19890112; US 44417089 A 19891113