

Title (en)

Device for supporting rails for railway vehicles.

Title (de)

Einrichtung zum Lagern von Schienen für Schienenfahrzeuge.

Title (fr)

Dispositif d'appui de rails pour véhicules de chemin de fer.

Publication

EP 0106952 A1 19840502 (DE)

Application

EP 83107637 A 19830803

Priority

DE 3239685 A 19821027

Abstract (en)

[origin: US4527736A] A mount for a railroad rail having an inner side turned toward another such rail and an outer side turned away from the other rail has a one-piece base supported on the ground under the one rail and formed with an upwardly open recess having inner and outer base flanks respectively generally under and parallel to the inner and outer sides, the outer base flank being formed as an inwardly overhanging ridge. An insert attached to the rail and received in the recess has respective inner and outer insert edges, the former of which is overhung by the ridge. An elastomeric body lies between the inner flank and inner edge and supports the insert in the base. Due to the overhang of the base edge, it is possible to make the base in one piece at least outward from a location underneath the rail. Thus there is no need to make the base from two parts split along a horizontal plane and requiring tedious assembly in the field.

Abstract (de)

Bei einer Einrichtung zum Lagern von Schienen für Schienenfahrzeuge ruhen die Schienen (1) auf Schwellen, Metallplatten (2) od.dgl., die sich ausschließlich über schräggestellte elastische Zwischenlagen (4), wie Gummiplatten, Gummi-Metall-Lager od.dgl., gegen mit dem Fundament verbundene Lagerrahmen (5) abstützen. Die elastischen Zwischenlagen (4) sind dabei am Umfang der Schwellen, Metallplatten (2) od.dgl. angeordnet. Zum besseren Abfangen der infolge der auftretenden Schwingungen der die Schienen (1) tragenden Schwellen, Metallplatten (2) od.dgl. nach oben gerichteten Kräfte ist zumindest der obere Rand (7) jedes einstückig ausgebildeten Lagerrahmens (5) nach innen - zu den Schienen (1) hin - abgewinkelt.

IPC 1-7

E01B 9/54; **E01B 9/68**

IPC 8 full level

E01B 9/62 (2006.01); **E01B 9/54** (2006.01); **E01B 9/68** (2006.01)

CPC (source: EP US)

E01B 9/54 (2013.01 - EP US); **E01B 9/62** (2013.01 - EP US); **E01B 9/68** (2013.01 - EP US); **E01B 9/686** (2013.01 - EP US)

Citation (search report)

- [X] US 4061270 A 19771206 - WANDRISCO JOSEPH M
- [X] FR 1205798 A 19600204 - CLYDE RUBBER WORKS COMPANY LTD
- [X] GB 356756 A 19310907 - GUEST KEEN & NETTLEFOLDS LTD, et al
- [A] GB 191112875 A 19110921 - DONAHUE THOMAS
- [A] GB 191118441 A 19111214 - JACKSON THOMAS

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DE4138576A1; EP0198158A3; EP0546363B1

Designated contracting state (EPC)

AT BE CH DE FR IT LI NL

DOCDB simple family (publication)

EP 0106952 A1 19840502; **EP 0106952 B1 19880210**; AT E32468 T1 19880215; DE 3239685 A1 19840503; DE 3375664 D1 19880317; JP H0377321 B2 19911210; JP S5998901 A 19840607; US 4527736 A 19850709

DOCDB simple family (application)

EP 83107637 A 19830803; AT 83107637 T 19830803; DE 3239685 A 19821027; DE 3375664 T 19830803; JP 19771683 A 19831024; US 53617483 A 19830927