

Title (en)  
RESILIENT RAIL SUPPORT

Publication  
**EP 0198158 A3 19870909 (DE)**

Application  
**EP 86100987 A 19860124**

Priority  
DE 3512987 A 19850411

Abstract (en)  
[origin: US4765538A] An elastic rail bearing for railroad rails includes a top plate, a bottom plate, and a rubber plate disposed inbetween the top and bottom plates, the plates each having a plurality of holes formed therethrough with the holes of one plate being in registered alignment with the holes of the other plates. One or more bolts are provided, each of which is surrounded by a rubber ring with each of the bolts passing through one of the aligned set of holes in the top, bottom and rubber plates and engaging a nut such that an adjustable and variable initial stress may be established in the rail. At least one of the rubber plates, and the top and bottom plates, have a protrusion and the other has a corresponding recess for receiving the protrusion. The top and bottom plates each have a vertical flange which are spaced apart from, extend parallel to, and partially overlap each other. A connecting rubber strip is disposed inbetween the flanges.

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**E01B 9/62**; **E01B 9/68**

IPC 8 full level  
**E01B 9/62** (2006.01); **E01B 9/68** (2006.01)

CPC (source: EP US)  
**E01B 9/62** (2013.01 - EP US); **E01B 9/685** (2013.01 - EP US); **E01B 9/681** (2013.01 - EP US)

Citation (search report)  
• [Y] DE 2850039 A1 19790523 - DUNLOP LTD  
• [Y] DE 1240544 B 19670518 - CONTINENTAL GUMMI WERKE AG  
• [A] DE 2006071 B  
• [A] US 2076019 A 19370406 - FIFIELD ALBERT F  
• [A] DE 1189104 B 19650318 - BULL JOHN RUBBER COMPANY LTD  
• [A] DE 1204697 B 19651111 - CONTINENTAL GUMMI WERKE AG  
• [A] DE 2612617 A1 19770929 - ZUEBLIN AG  
• [A] DE 2828713 A1 19800110 - CLOUTH GUMMIWERKE AG  
• [A] DE 8405635 U1 19850321  
• [A] EP 0106952 A1 19840502 - CLOUTH GUMMIWERKE AG [DE]

Cited by  
CN110295517A; DE3832677A1; EP0432357A1; CN110295518A

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DOCDB simple family (publication)  
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