

Title (en)

Elastic bearing for suspension arms in form of connecting rods for axle bearings of railway vehicles

Title (de)

Elastisches Lager für pleuelartige Lenker an Achslagerungen von Schienenfahrzeugen

Title (fr)

Palier élastique pour bras de suspension en forme de bielles pour boîtes d'essieu de véhicules ferroviaire

Publication

EP 0607890 B1 19970514 (DE)

Application

EP 94100548 A 19940115

Priority

DE 4301652 A 19930122

Abstract (en)

[origin: DE4301652C1] The coaxial bushes (8) fit between the bearing spindle (6) and the eye (7) of the link. Each comprises a rubber body bonded between inner and outer metal components (8.1,8.2), and they are inserted in a mirror-image pattern in the eye from opposite sides. Their metal components prevent them turning in the eye or on the spindle. The outer surfaces (8.11) of the inner components, and the inner surfaces (8.21) of the outer ones, taper, as do the mating surfaces of the rubber body (.3), their radii increasing in proportion to the axial distance from the bearing centre (M). ADVANTAGE - High resistance to link axial and radial movement combined with minimum resistance to torsion loads.

IPC 1-7

B61F 5/32; **F16F 1/38**

IPC 8 full level

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