

Title (en)

ELASTOMER TIE PAD FOR THE SUPPORT OF A RAILWAY RAIL ON A SLEEPER

Title (de)

ELASTISCHE SCHIENENUNTERLAGE ANWENDBAR AUF EINER SCHWELLE

Title (fr)

SEMELLE EN ELASTOMERE POUR LE SUPPORT D'UN RAIL DE CHEMIN DE FER SUR UNE TRAVERSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0071815A1] The invention relates to an elastomer tie pad for the support of a railway rail on a sleeper, comprising upper (1a) and lower (1b) surfaces and at least one cavity (10a) forming a peripheral bearing area (11) for the foot of the rail. The invention is characterized in that the peripheral bearing area is planar and the surface thereof is 1-10 times the size of the surface of the inner side wall (10a) of the cavity (10), whereby the ratio of the secant stiffnesses which are measured respectively between the static load values i.e.20-100 KN and the dynamic overload values i.e.20-80KN is equal to or greater than 0.45.

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