

Title (en)
RAIL BEARING

Title (de)
SCHIENENLAGER

Title (fr)
ASSIETTE DE RAIL

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Abstract (en)
[origin: WO2006106089A2] The invention relates to a rail bearing for rails (3), which comprise a lower rail base (3') that is provided on either side with upper contact surfaces (3''). Said bearing comprises a ribbed base plate (1), which is connected to a support plate (2) by means of fixing elements and sprung pressure elements (4), which are mounted on the ribbed base plate (1) and press down on the contact surfaces (3'') in order to hold the rails. The disadvantage of known rail bearings is that the pressure elements (4) are fixed by screws and thus have a predetermined elasticity. This is a costly solution. To avoid this, according to the invention the intermediate layer contains additional interspersed sprung elements (11), which are connected in parallel, and the ribbed base plate (1) has insertion passages (5) comprising a lower pressure surface. The pressure elements (4) can be pushed through the insertion passages (5) transversally to the longitudinal direction of the rails (3), in such a way that they are supported on the upper contact surfaces (3'') in a sprung manner.

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