

Title (en)
RAIL ATTACHMENT SYSTEM FOR JUNCTION AREAS

Title (de)
SCHIENENBEFESTIGUNGSSYSTEM FÜR ÜBERGANGSBEREICHE

Title (fr)
SYSTÈME DE FIXATION DE RAIL POUR ZONES DE RACCORDEMENT

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Application
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Abstract (en)
[origin: CA2879811A1] The invention relates to a rail attachment system (1) for attaching a rail (2) to a concrete support slab (3a) or a concrete sleeper (3b) or to a steel structure comprising an intermediate plate (4), a rail attachment plate (5) with angle guide plates (6, 6b) arranged thereon, at least two first tensioning clamps (7a) for clamping the rail foot (2a) to the rail attachment plate (5) as well as screws (9) and/or ankle bolts (10) and at least two second tensioning clamps for screwing the rail attachment system (1) to the underlying surface, characterized in that an elastic intermediate layer (8) is arranged between the rail (2) and the rail attachment plate (5), and the intermediate plate (4) is composed of a highly elastic material and/or comprises a steel plate (4), at least two second tensioning clamps (7b) for clamping the rail attachment plate (5) to the substructure, preferably via the intermediate plate (4), wherein the first and second tensioning clamps (7a, 7b) are embodied in a highly elastic fashion with a high tensioning force, are provided, and at least one upper sliding plate (12) is arranged between the rail foot (2a) and a first tensioning clamp (7a), and at least one lower sliding plate (13) is arranged between the rail foot (2a) and the elastic intermediate layer (8) and is attached by means of a steel support (14) in the case of a steel substructure.

IPC 8 full level
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