

Title (en)
RAILWAY RAIL FASTENING ASSEMBLIES INCLUDING RESILIENT RAILWAY RAIL FASTENING CLIPS AND ASSOCIATED INSULATORS

Title (de)
SCHIENENBEFESTIGUNGSVORRICHTUNG BESTEHEND AUS EINER ELASTISCHER BEFESTIGUNGSKLAMMER UND ZUGEHÖRIGEM ISOLATOR

Title (fr)
ENSEMBLES DE FIXATION DE RAIL DE CHEMIN DE FER COMPRENANT DES CRAPAUDS DE FIXATION DE RAIL RESILIENTS, ET ISOLATEURS ASSOCIES

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Application
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Priority
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Abstract (en)
[origin: WO9736055A1] In an assembly for use in fastening a railway rail to an underlying rail foundation, a resilient railway rail fastening clip (1, 2, 3) has at least one portion (1a) which when in use bears on, and extends substantially parallel to, a flange (301) of an adjacent railway rail (300), and retains an insulator (13, 13') for electrically insulating the clip (1, 2, 3) from the rail (300) when in use. The insulator (13) is held in engagement with the clip (1, 2, 3), which has a rail bearing portion of substantially circular cross section, such that it can rotate about the longitudinal axis of the said rail bearing portion (1a). Unlike the prior art the insulator is self-aligning on the rail flange (301) when the rail (300) moves. One insulator (13, 13') disclosed has at least two load bearing surfaces (13a), such that it may be rotated so as to present an unworn load bearing surface (13a) to the rail flange (301). The thickness of material between the load bearing surfaces (13a) of the insulator (13, 13') and the rail bearing portion (1a) of the clip (1, 2, 3) may be made to vary between adjacent load bearing surfaces (13a), such that the insulator (13) can be rotated so as to adjust the height of the rail bearing portion (1a) above the rail flange (301).

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