Title (en)

GUIDE PLATE AND RAIL FASTENING POINT

Title (de)

FÜHRUNGSPLATTE UND SCHIENENBEFESTIGUNGSPUNKT

Title (fr)

PLAQUE DE GUIDAGE ET POINT DE FIXATION DE RAIL

Publication

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Application

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Abstract (en)

[origin: WO2020053145A1] The invention relates to a guide plate for the lateral guidance of a rail at a rail fastening point (1) formed on a sleeper (2), wherein the guide plate (10) has an upper side (3) having a supporting surface for supporting a spring element (31), an underside, via which the guide plate (10) is supported on the sleeper (2) when in use, has a supporting section (12) having a supporting surface (13), via which the guide plate (10) is supported on a shoulder (5, 6) provided on the sleeper (2) when in use, and has a guide section (14), which is formed opposite to the supporting section (12) and on which there is a guide surface (15), on which a rail (S) is guided laterally when in use. When such a guide plate (10) is used at a rail fastening point, in order to counteract rotation of the rail and, associated therewith the danger of the occurrence of track distortion occurring at high external temperatures with an optimal resistance, a restrictive locking projection (20, 21) projecting from the guide surface (15) is respectively formed in the longitudinal direction of the guide plate (15) in lateral end sections (18, 19) of the guide surface (15), being provided to engage under the longitudinal side (16, 17) of the rail (S) that is respectively assigned to the guide surface (15), wherein the distance (BA) between the locking projections (20, 21) is at least 60% of the width (PF) of the guide surface (15).

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