

Title (en)

ELECTRICALLY ISOLATING TIE-PLATE FOR FASTENING RAILS

Title (de)

ELEKTRISCH ISOLIERENDE UNTERLEGPLATTE ZUR SCHIENENBESFESTIGUNG

Title (fr)

SELLE DE RAIL ISOLANTE DE VOIE FERRÉE

Publication

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Application

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Abstract (en)

[origin: WO2015040118A1] The present invention relates to a plate element for a fastening point at which a rail (S) which is provided for rail vehicles is fastened to a fixed substrate (11), wherein the plate element (1) has a passage opening (4, 5) which leads from the top face (3) of said plate element, which top face is associated with the rail (S) which is to be fastened, to the lower face (2) of said plate element, said lower face being associated with the substrate (11), through which passage opening a fastening element (14, 15) for fastening the plate element (1) on the substrate (11) is guided during use, said fastening element engaging in a dowel (12, 13) which is inserted into the substrate (11), and also a fastening point in which a rail for a rail vehicle is fastened on a fixed substrate. The plate element according to the invention allows a rail for a rail vehicle to be fastened to a fixed substrate and in this way also ensures optimum electrical insulation in unfavourable use conditions. This is achieved by a ring element (8a, 8b; 20) which is composed of an elastically flexible material being seated in the region (6) of the mouth of the passage opening (4, 5) which is associated with the substrate (11).

IPC 8 full level

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