

Title (en)
DEVICE FOR POSITIONALLY SECURING AND GUIDING RAILS

Title (de)
VORRICHTUNG ZUR LAGESICHERUNG UND FÜHRUNG VON SCHIENEN

Title (fr)
DISPOSITIF DE POSITIONNEMENT ET DE GUIDAGE DE RAILS

Publication
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Application
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Priority

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Abstract (en)
[origin: US2010127092A1] A device for positional securing and guiding of rails for railway tracks for trains, in particular high-speed trains, includes guide plates. In general, rails are laid directly or indirectly by intermediate assembly of intermediate plates to fixed concrete track beds and guide plates, against which the rail base and possibly intermediate plates lie laterally. Guide plates are embedded on or in the concrete track beds, wherein the guide plates are fabricated of high-strength, form-stable material, preferably reinforced plastic, such as for example glass-fiber reinforced plastic, in particular polyamide. The device according to the invention allows to create guide plates which are overall more wear resistant. Wear resistance is achieved in that the guide plate within the surface area, on which the rail base rests, has an insert or areas provided with inserts, the insert being fabricated of slippable, low-abrasion or friction-resistant, low-wear or wear-resistant and flexibly resilient material.

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