

Title (en)

CONCRETE SUPPORT, IN PARTICULAR FOR A MAGLEV TRAIN

Title (de)

BETONTRÄGER INSBESONDERE FÜR MAGNETSCHWEBEBAHN

Title (fr)

SUPPORT EN BETON, EN PARTICULIER POUR VEHICULE A SUSTENTATION MAGNETIQUE

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Application

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Abstract (en)

[origin: WO03072879A1] The invention relates to a support for a guideway of a track-bound vehicle, in particular a maglev train, consisting of concrete. Said support is configured in particular as a concrete pre-fabricated part, comprising at least one flange (2) that runs in the longitudinal direction of the support (1), whereby attachments for guiding the vehicle can be arranged on the ends of the flange (2) which lie at a distance from one another in the cross-section of the support (1). At least one strut (4, 4') that likewise runs in the longitudinal direction of the support (1) is located on the flange (2). The support is characterised in that a substantially rectilinear, central prestressed reinforcement (11, 12, 13, 14, 15, 16, 17, 18) is provided without a bond on the support (1), that said prestressed reinforcement (11, 12, 13, 14, 15, 16, 17, 18) is anchored in an abutment (25, 26) and at least one abutment (25, 26) is positioned in the field area of the support (1), in particular in the central area of said support.

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