

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

Publication
EP 1481131 A1 20041201 (DE)

Application
EP 03742869 A 20030206

Priority

- DE 10208314 A 20020227
- DE 10226800 A 20020615
- EP 0301148 W 20030206

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.

IPC 1-7
E01B 25/30

IPC 8 full level
E01B 25/30 (2006.01)

CPC (source: EP)
E01B 25/305 (2013.01)

Citation (search report)
See references of WO 03072879A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03072879 A1 20030904; AU 2003215551 A1 20030909; EP 1481131 A1 20041201

DOCDB simple family (application)
EP 0301148 W 20030206; AU 2003215551 A 20030206; EP 03742869 A 20030206