

Title (en)

SUPPORTING STRUCTURE FOR THE CARRIAGEWAY OF A TRACK BOUND VEHICLE, IN PARTICULAR OF A MAGNETIC LEVITATION TRAIN

Publication

**EP 0411314 B1 19930107 (DE)**

Application

**EP 90112186 A 19900627**

Priority

- DE 3924555 A 19890725
- DE 3928278 A 19890826

Abstract (en)

[origin: EP0411314A1] The invention relates to a supporting structure for the carriageway of a track-bound vehicle, in particular of a magnetic levitation train, and to a method for producing said supporting structure. The supporting structure contains a support (1), at least one attachment (2) having an operating surface (8), and a mounting device with fastening screws (12) for securing the attachment positionally accurately on the support. In order to provide a redundant diversified mounting system for the attachment (2), the mounting device additionally has mounting elements (22, 23) which act in a positive-locking manner, are preferably unstressed during normal operation and become effective only if the fastening screws malfunction. <IMAGE>

IPC 1-7

**E01B 25/10**

IPC 8 full level

**E01B 25/00** (2006.01); **B60L 13/00** (2006.01); **E01B 25/10** (2006.01); **E01B 25/30** (2006.01); **E01B 25/32** (2006.01)

CPC (source: EP US)

**E01B 25/32** (2013.01 - EP US)

Cited by

WO2008061735A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

**EP 0411314 A1 19910206; EP 0411314 B1 19930107**; CA 2021652 A1 19910126; CA 2021652 C 19980602; CN 1028782 C 19950607; CN 1049206 A 19910213; DE 3928278 A1 19910207; DE 3928278 C2 19930701; DE 59000717 D1 19930218; JP 2684440 B2 19971203; JP H0366802 A 19910322; RU 2026445 C1 19950109; US 5097769 A 19920324

DOCDB simple family (application)

**EP 90112186 A 19900627**; CA 2021652 A 19900720; CN 90104985 A 19900724; DE 3928278 A 19890826; DE 59000717 T 19900627; JP 19756190 A 19900725; SU 4830398 A 19900724; US 55155390 A 19900711