

Title (en)

RAIL FIXING ELEMENT, IN PARTICULAR FOR TRAMWAY OR SUBWAY TRACKS

Title (de)

SCHIENENBEFESTIGUNG, INSBESONDERE FÜR STRASSENBAHN- ODER U-BAHNGLEISE

Title (fr)

ELEMENT DE FIXATION DE RAILS, CON U NOTAMMENT POUR DES VOIES DE TRAMWAY, DE METRO ET DE CHEMIN DE FER

Publication

EP 1095188 A1 20010502 (EN)

Application

EP 99927954 A 19990611

Priority

- EP 9904033 W 19990611
- IT VE980022 U 19980626

Abstract (en)

[origin: WO0000700A1] An element for fixing rails (14) into box-like seats (12) having a compartment (32) located below said seat, said rails comprising holes (20) for the passage of bolts (24) which engage in said fixing element, the bearing surface (16) of said seat comprising a plurality of longitudinally slotted holes (18), characterised in that said fixing element consists of an elongate plate (2) of dimensions such as to enable it to be inserted through said slotted holes (18) in order to be positioned within said compartment (32), and of length greater than the width of said slotted holes, said plate (2) comprising a hole (4) for the removable engagement, by rotation, of one end of a bush (6) internally threaded for engagement by said bolts, said threaded bush being provided at its other end with an endpiece (8) for retaining an elastic means (10) coaxial with the bush, means (28) being provided to prevent the plate rotating once it is contained within said compartment (32) and lies in a position not aligned with said slotted hole, so that on screwing down the bolt (24) said bearing surface (16) becomes gripped by the rail and plate.

IPC 1-7

E01B 21/04; **E01B 5/04**

IPC 8 full level

E01B 5/04 (2006.01); **E01B 21/04** (2006.01)

CPC (source: EP)

E01B 5/04 (2013.01); **E01B 21/04** (2013.01)

Citation (search report)

See references of WO 0000700A1

Designated contracting state (EPC)

ES IT SE

DOCDB simple family (publication)

WO 0000700 A1 20000106; AU 4511599 A 20000117; EP 1095188 A1 20010502; IT 245130 Y1 20020319; IT VE980022 U1 19991226

DOCDB simple family (application)

EP 9904033 W 19990611; AU 4511599 A 19990611; EP 99927954 A 19990611; IT VE980022 U 19980626