

Title (en)

Ballast-free railway track structure

Title (de)

Feste Fahrbahn für schienengebundenen Verkehr

Title (fr)

Superstructure sans ballast pour circulation sur rails

Publication

EP 0773322 B1 20011128 (DE)

Application

EP 96116838 A 19961019

Priority

DE 19541491 A 19951108

Abstract (en)

[origin: EP0773322A1] The track construction has a carrier layer (1) with a planar surface (2) supporting the rail sleepers (3) and the rails (4). It is anchored via anchorages (24) embedded in the carrier layer, to allow vertical movement but prevent horizontal movement. Spring elements act as point mountings (6) beneath the sleeper along the axis of each rail. Accurate height positioning of the mountings is via a plastics mortar joint (9) between the mounting and the carrier layer.

IPC 1-7

E01B 1/00; **E01B 19/00**

IPC 8 full level

E01B 1/00 (2006.01); **E01B 2/00** (2006.01); **E01B 19/00** (2006.01)

CPC (source: EP)

E01B 1/002 (2013.01); **E01B 2/00** (2013.01); **E01B 19/00** (2013.01); **E01B 1/001** (2013.01); **E01B 2204/01** (2013.01); **E01B 2204/13** (2013.01)

Cited by

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DOCDB simple family (publication)

EP 0773322 A1 19970514; **EP 0773322 B1 20011128**; AT E209730 T1 20011215; DE 19541491 A1 19970515; DE 59608314 D1 20020110; DK 0773322 T3 20020325; ES 2167502 T3 20020516; PT 773322 E 20020531

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