Title (en)

RAILROAD SUBSTRUCTURE

Title (de)

UNTERBAU FÜR EIN GLEIS FÜR SCHIENENFAHRZEUGE

Title (fr)

FONDATION DE VOIE FERREE

Publication

EP 0937181 B1 20020327 (DE)

Application

EP 97945808 A 19970930

Priority

- DE 19646133 A 19961108
- EP 9705371 W 19970930

Abstract (en)

[origin: US6293473B1] In an infrastructure for a railway track with continuous elastic support, the two rail (1) forming the track rest with their lateral limiting surfaces beneath the rail head, via elastic intermediate layers (3), against inner lateral limiting surfaces of a frame consisting of two frame halves (4, 5). The frame is located in a trough (6) embedded in a concrete plate (2) running longitudinally underneath the rails (1). Between a frame half (5) and a lateral wall (6R) of the trough (6) a wedge (7) is provided, pointing downwards with its narrower end and which can be tightened by screws (8). In this infrastructurenext to the head of each rail (1)-on the inside of the track-an angle section (10) of steel is provided,the distance (A) between the head of the rail (1) and the upwards pointing lateral side of the angle section (10) corresponds approximately to the normal width of a grooved railand the height (H) of the upwards pointing lateral side of the angle section (10) is selected so that this side does not project above the head of the rail (1).

IPC 1-7

E01B 3/00

IPC 8 full level

E01B 1/00 (2006.01); **E01B 3/00** (2006.01); **E01B 9/60** (2006.01); **E01B 9/62** (2006.01)

CPC (source: EP US)

E01B 1/002 (2013.01 - EP US); **E01B 9/60** (2013.01 - EP US); **E01B 9/62** (2013.01 - EP US); E01B 2204/11 (2013.01 - EP US); E01B 2204/12 (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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