

Title (en)

Sleepers with connection system to a girder of a steel railroad bridge.

Title (de)

Brückenbalken mit einer Befestigung an Träger einer Stahl-Eisenbahnbrücke.

Title (fr)

Traverses avec système de fixation sur des poutres d'un ponts de chemin de fer en acier.

Publication

EP 0639672 A3 19950412 (DE)

Application

EP 94111936 A 19940730

Priority

DE 4328185 A 19930821

Abstract (en)

[origin: EP0639672A2] The fixture incorporates further fixture components for connecting the bridge beam with the bearer. The guide component (4) engages around the bearer (1) with laterally extending downwards holding strips (6) on both sides, which are connected with the guide strips (5) to form a hollow box. At least one intermediate plate (7) is arranged between the bridge beam (2) and the bearer (1). The bridge beam is of steel and above the underside of a strap (8) locating on the bearer has laterally open areas. The fixture components are screws passing through the strap of the bridge beam, the intermediate plate and the bearer, joining them all together.

IPC 1-7

E01D 19/12

IPC 8 full level

E01D 19/12 (2006.01)

CPC (source: EP)

E01D 19/12 (2013.01)

Citation (search report)

- [DA] DE 3108532 A1 19820923 - VOSSLOH WERKE GMBH [DE]
- [A] DE 3112025 A1 19821014 - VOSSLOH WERKE GMBH [DE]
- [A] US 1377489 A 19210510 - JOHN JUROKA

Cited by

KR102433181B1; CN107030141A; KR102433171B1; EP1867786A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL PT SE

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EP 0639672 A2 19950222; EP 0639672 A3 19950412; EP 0639672 B1 19960828; AT E141977 T1 19960915; DE 4328185 C1 19941208; DE 59400549 D1 19961002

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