

Title (en)  
Railway sleeper with sleeper shoe

Title (de)  
Beschuhter Schienensockel

Title (fr)  
Traverse de chemin de fer avec chausson

Publication  
**EP 0915202 A1 19990512 (DE)**

Application  
**EP 98120042 A 19981023**

Priority  
DE 29719400 U 19971104

Abstract (en)  
A pedestal (2) anchors track rails (6) in a ballast-free construction. This is inserted into a sleeper boot comprising elastic sidewalls and a base. The joint between the pedestal and the upper edge of the boot is sealed off. The booted pedestal forms a unit inserted into a corresponding recess in the surface structure. A novel feature concerns the surrounding groove (11) of the new pedestal. The boot (3) is one-piece and has a sealing bead (9) at its upper edge. This is bent over to anchor flexibly into this groove. Preferably the boot is made of crosslinked rubber, especially styrene butadiene rubber (SBR). Its bead can be inserted at any time, i.e. not necessarily during manufacture, into a matching profile (12) in the pedestal. The profile is thermoplastic, hardened plastic or metallic.

Abstract (de)  
Die Erfindung betrifft einen Schienensockel (2) zur Verankerung von Eisenbahnschienen (6) in einem schotterlosen Oberbau, wobei der Schienensockel (2) in einen aus einer Bodenplatte und Seitenwänden aus elastischem Material bestehenden Schwellenschuh (3) eingesetzt, die Fuge zwischen Schienensockel und oberem Schwellenschuhrand abdichtend geschlossen und der Schienensockel (2) zusammen mit dem Schwellenschuh als Einheit in einer entsprechenden Ausnehmung des Oberbaus (1) gelagert ist. <IMAGE>

IPC 1-7  
**E01B 3/46**; **E01B 1/00**; **E01B 3/40**

IPC 8 full level  
**E01B 1/00** (2006.01); **E01B 3/40** (2006.01)

CPC (source: EP)  
**E01B 1/005** (2013.01); **E01B 3/40** (2013.01); **E01B 2204/01** (2013.01)

Citation (applicant)  
EP 0557870 A1 19930901 - SAAR GUMMIWERK GMBH [DE]

Citation (search report)  
• [YA] FR 2740788 A1 19970509 - VAGNEUX TRAVERSES BETON [FR]  
• [YA] DE 4335516 A1 19950420 - PHOENIX AG [DE]  
• [A] FR 2648489 A1 19901221 - ALLEVARD IND SA [FR]  
• [DA] EP 0557870 A1 19930901 - SAAR GUMMIWERK GMBH [DE]  
• [A] EP 0533645 A1 19930324 - GEN RAILWAYS ACTIVITIES [LU]

Cited by  
FR2845700A1; EP2963180A1; WO2004035934A1; EP3045588A1; US10351999B2; FR3131927A1; EP2778284A1; US9752285B2

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