

Title (en)

Method for establishing a permanent electric contact to the web of rails and the corresponding contact

Title (de)

Verfahren zur Herstellung eines elektrischen Dauerkontaktes am Steg einer Eisenbahnschiene und mit dem Verfahren hergestellter elektrischer Dauerkontakt

Title (fr)

Méthode de fixation d'un contact électrique permanent à la traverse d'un rail de chemin de fer et le contact correspondant

Publication

**EP 0945919 B1 20060111 (DE)**

Application

**EP 98105145 A 19980322**

Priority

EP 98105145 A 19980322

Abstract (en)

[origin: EP0945919A1] A through bore is introduced in the bridge (40) and a cylindrical sleeve inserted, with its own through bore and end flange that sits against one end of the bridge of the rail body. A cover (2) is arranged on the opposite end from the flange at the free end of the sleeve, which has an aperture in its side. The through bore in the sleeve is subjected to an expansion drawing process, resulting in displacement of some of the material bounding on the bore. The material displaced during the process passes into the aperture in the cover and comes into contact with the wall of the aperture. An Independent claim is also included for an electrical contact.

IPC 8 full level

**H01R 4/64** (2006.01); **H01R 4/50** (2006.01); **H01R 4/30** (2006.01)

CPC (source: EP)

**H01R 4/5016** (2013.01); **H01R 4/64** (2013.01); **H01R 4/30** (2013.01)

Cited by

CN109131438A; EP1779964A1; EP2789053A4; EP1166951A1; EP1743732A3; ITMI20100329A1; CN109722950A; US2010243322A1; ITMI20120406A1; EP2638981A1; US8526195B2; CN103311677A; FR2922370A1; US8851395B2; WO2007127399A2; WO2007127399A3; WO2011072752A1; WO2009050170A1; US7100264B2; US7375277B1; US9142894B2; US10010983B2; US7290334B2; WO2013086333A1; US9209531B2; US10130985B2; US10843250B2; JP2011501354A; WO2006057592A1

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