

Title (en)  
Railway rail-fastening clip.

Title (de)  
Eisenbahnschienen-Befestigungsklemme.

Title (fr)  
Organe de fixation de rail de chemin de fer.

Publication  
**EP 0512758 A1 19921111 (EN)**

Application  
**EP 92303940 A 19920430**

Priority  
• GB 9109490 A 19910502  
• GB 9117399 A 19910812  
• GB 9126796 A 19911218

Abstract (en)  
A clip for fastening a railway rail to a rail foundation is proposed, which clip is made of a rod of resilient material such that it has at least one bent portion of which the axial cross-sectional area is greater than that of the remainder of the clip. In one embodiment of the clip, the clip comprises, proceeding along the rod from one end thereof to the other, a first portion (1) which is substantially straight, the said one end of the rod constituting a free end (1b) of the said first portion (1), a second portion (2) which is a reverse bend, a third portion (3), a fourth portion (4) which is another reverse bend, and a fifth portion (5), the construction of the clip being such that it can be placed in a position in which a longitudinal axis of the first portion (1) extends horizontally and the third and fifth portions (3, 5), when viewed from above, appear to lie on opposite sides of the said first portion (1), wherein the axial cross-section of more than a tenth of the length of the said first portion (1) of the clip is smaller in area than the axial cross-section of at least a region of the said second portion (2) of the clip. Such clips may be made of less material as compared with some prior art clips intended for the same purpose, thereby being cheaper to make. <IMAGE>

IPC 1-7  
**E01B 9/30; E01B 9/34; E01B 9/48**

IPC 8 full level  
**E01B 9/34** (2006.01); **E01B 9/48** (2006.01)

CPC (source: EP)  
**E01B 9/303** (2013.01)

Citation (search report)  
• [AD] GB 1510224 A 19780510 - PANDROL LTD  
• [A] DE 3820243 A1 19900208 - VOSSLOH WERKE GMBH [DE]  
• [A] DE 8804426 U1 19880511

Cited by  
WO2009101457A1; WO03046285A3; US9562330B2; US9951479B2

Designated contracting state (EPC)  
AT BE ES IT SE

DOCDB simple family (publication)  
**EP 0512758 A1 19921111**; AU 1525292 A 19921105; BR 9201623 A 19921215; CA 2067323 A1 19921103; FI 921935 A0 19920429; FI 921935 A 19921103; GB 2255367 A 19921104; GB 9209328 D0 19920617; JP H05148802 A 19930615; NO 921699 D0 19920430; NO 921699 L 19921103; YU 45692 A 19951003

DOCDB simple family (application)  
**EP 92303940 A 19920430**; AU 1525292 A 19920429; BR 9201623 A 19920430; CA 2067323 A 19920427; FI 921935 A 19920429; GB 9209328 A 19920430; JP 13752892 A 19920501; NO 921699 A 19920430; YU 45692 A 19920429