

Title (en)

Electrically insulating connection between the ends of two rails.

Title (de)

Elektrisch isolierende Verbindung zwischen zwei Schienenenden.

Title (fr)

Connexion électriquement isolante entre les extrémités de deux rails.

Publication

**EP 0017995 A1 19801029 (EN)**

Application

**EP 80102091 A 19800418**

Priority

NL 7903024 A 19790418

Abstract (en)

Electrically insulating connection between the ends of two rails by means of two steel fish plates (3, 4) clamped against the rail ends on either side by clamping means, a cold-hardening plastics paste being provided between the fishplates and the rail and each fishplate on the side remote from the rails being provided with an electrically insulating shell (9, 12), consisting of one or more parts and which engages around the top and bottom of the fishplate, the thickness of the shell edge portion engaging around the fishplate corresponding in the clamped condition with the thickness of the layer of plastic paste.

IPC 1-7

**E01B 11/54**

IPC 8 full level

**E01B 11/54** (2006.01)

CPC (source: EP)

**E01B 11/54** (2013.01)

Citation (search report)

- DE 1241473 B 19670601 - CLOUTH RHEIN GUMMIWARENFABRIK
- US 3381892 A 19680507 - EISSES JACOB A
- US 1683432 A 19280904 - CARL ZIMMERMAN EMIL
- GB 848143 A 19600914 - BREV IND S A
- DE 1240545 B 19670518 - KLOECKNER WERKE AG
- FR 1303247 A 19620907 - LEUNA WERKE VEB
- US 3335953 A 19670815 - HAMILTON JR WILLIAM R

Cited by

DE3335311A1; WO9925926A1

Designated contracting state (EPC)

AT DE FR GB NL

DOCDB simple family (publication)

**EP 0017995 A1 19801029; EP 0017995 B1 19830622;** AT E3887 T1 19830715; DE 3063839 D1 19830728; ES 490653 A0 19801201; ES 8100978 A1 19801201

DOCDB simple family (application)

**EP 80102091 A 19800418;** AT 80102091 T 19800418; DE 3063839 T 19800418; ES 490653 A 19800417