

Title (en)

Apparatus for aligning and holding two rail ends to be joined together by welding.

Title (de)

Vorrichtung zum Ausrichten und Halten von zwei zu verschweisenden Schienenenden.

Title (fr)

Dispositif de réglage et de maintien de deux abouts de rails à raccorder par soudure.

Publication

EP 0017520 A1 19801015 (FR)

Application

EP 80400303 A 19800304

Priority

FR 7905621 A 19790305

Abstract (en)

[origin: US4320708A] A device for adjusting two butt ends of rails to be connected by welding comprises a rigid structure which is formed by two support plates. The support plates are aligned and interconnected by a concave part and which is able to be disposed horizontally so that the two support plates are pressed one against one vertical side of the head of one of the rails and the other against the corresponding vertical side of the head of the other rail. The concave part provides a region for access around the butt ends. Each support plate is provided with a retaining clamp which is provided with a jaw able to bear against the opposite vertical side of the head of the rail. The device can be applied to the welding of rails on a track or on a fixed installation.

Abstract (fr)

Le dispositif comprend une structure rigide qui est formée de deux plaques d'appui (18, 20) alignées et reliées entre elles par une partie incurvée (16) et qui est susceptible d'être disposée horizontalement en sorte que les deux plaques d'appui soient appliquées l'une sur un côté vertical (30) d'un champignon de l'un des rails (12) et l'autre sur le côté vertical correspondant (36) du champignon de l'autre rail (14), la partie incurvée ménageant une zone d'accès autour des abouts (38,40), chaque plaque d'appui étant pourvue d'une presse de maintien (42,44) munie d'une mâchoire apte à venir en appui sur le côté vertical opposé du champignon du rail. Application à la soudure de rails en voie ou sur installation fixe.

IPC 1-7

E01B 29/46; **E01B 29/20**

IPC 8 full level

E01B 29/20 (2006.01); **E01B 29/46** (2006.01)

CPC (source: EP US)

E01B 29/20 (2013.01 - EP US); **E01B 29/46** (2013.01 - EP US); **Y10T 29/53978** (2015.01 - EP US)

Citation (search report)

- FR 1585696 A 19700130
- DE 219944 C
- US 2261949 A 19411111 - BENNER DALE A

Cited by

EP0253634A3; US5575416A

Designated contracting state (EPC)

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EP 0017520 A1 19801015; **EP 0017520 B1 19830302**; AT E2690 T1 19860315; AU 530111 B2 19830630; AU 5609480 A 19800911; BR 8001288 A 19801104; CA 1140600 A 19830201; DE 3062159 D1 19830407; FR 2450904 A1 19801003; FR 2450904 B1 19821029; JP H0132325 B2 19890630; JP S55119804 A 19800913; OA 06480 A 19810731; US 4320708 A 19820323

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