

Title (en)

Means for supporting a side wall for a continuous casting plant for casting strips between rolls

Title (de)

Einrichtung zur Stützung einer Seitenwand für eine Zweirollenstranggiessanlage zum Giessen von Metallbändern

Title (fr)

Dispositif de support d'une face latérale d'une installation de coulée continue de bandes métalliques entre cylindres

Publication

EP 0714715 A1 19960605 (FR)

Application

EP 95402329 A 19951019

Priority

FR 9414348 A 19941130

Abstract (en)

The support consists of a carriage (5) movable parallel to the axes of the cylinders (1) carrying a thrust member (6) which interacts with the end of a cylinder via a plate (4) and ≥ 2 feet (10, 10') engaging with the cylinder's edge. The plate (4) is connected to the thrust member by means of a thrust plate (8) and thrust elements (9, 9', 9'') distributed over an area corresp. to that of the cylinder's end face. The feet (10, 10') are actuated by power cylinders (11) or screw or rack mechanisms, and the feet have lubricated or self-lubricating faces to interact with the cylinder.

Abstract (fr)

L'invention concerne un dispositif de support d'une face latérale (2) d'une installation de coulée continue entre cylindres de produits métalliques minces du type comportant deux cylindres (1,1') refroidis, à axes horizontaux, deux faces latérales (2) appliquées contre les chants (3) des cylindres (1, 1'), ledit dispositif de support comportant un chariot (5) déplaçable à la commande selon une direction parallèle aux axes des cylindres (1, 1'), un dispositif de poussée (6) porté par ledit chariot (5), et une platine (4) reliée audit dispositif de poussée (6) et solidaire de la face latérale (2), caractérisé en ce que ladite platine (4) comporte au moins deux patins (10, 10', 10'', 10''') déplaçables à la commande selon une direction parallèle aux axes des cylindres (1, 1') par des dispositifs (11, 11') pouvant appliquer chacun desdits patins (10, 10', 10'', 10''') contre un chant (3) d'un des cylindres (1, 1'). <IMAGE>

IPC 1-7

B22D 11/06

IPC 8 full level

B22D 11/04 (2006.01); **B22C 11/06** (2006.01); **B22D 11/06** (2006.01)

CPC (source: EP KR US)

B22D 11/00 (2013.01 - KR); **B22D 11/066** (2013.01 - EP US)

Citation (applicant)

- EP 0546206 A1 19930616 - NIPPON STEEL CORP [JP]
- FR 9408319 A 19940630

Citation (search report)

- [X] EP 0588743 A1 19940323 - USINOR SACILOR [FR], et al
- [A] EP 0546206 A1 19930616 - NIPPON STEEL CORP [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 42 (M - 925)<3985> 25 January 1990 (1990-01-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 16, no. 299 (M - 1274) 2 July 1992 (1992-07-02)

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EP 95402329 A 19951019; AT 95402329 T 19951019; AU 3773895 A 19951109; BR 9505565 A 19951129; CA 2164046 A 19951129; CN 95120273 A 19951127; CZ 315895 A 19951128; DE 69517924 T 19951019; DK 95402329 T 19951019; ES 95402329 T 19951019; FI 955766 A 19951130; FR 9414348 A 19941130; GR 20000402164 T 20000925; JP 33114995 A 19951127; KR 19950042856 A 19951122; MX 9504925 A 19951127; PL 31126595 A 19951107; PT 95402329 T 19951019; RO 9502088 A 19951130; RU 95120011 A 19951129; SK 145995 A 19951121; TR 9501512 A 19951129; TW 84111779 A 19951107; UA 95115054 A 19951128; US 56527995 A 19951130; ZA 959737 A 19951116