

Title (en)

Method and device for avoidance of insufficient parallelism of profiles

Title (de)

Verfahren und Vorrichtung zum Vermeiden der Unparallelität von Trägerprofilen

Title (fr)

Procédé et dispositif pour éviter un manque de parallélisme de profilés

Publication

**EP 0707903 A3 19970502 (DE)**

Application

**EP 95250227 A 19950918**

Priority

DE 4438822 A 19941019

Abstract (en)

[origin: EP0707903A2] The intensity of cooling can be regulated by the amount of coolant delivered to the underside of the web (15), dependent on the difference between temperatures measured above and below the web. Coolant nozzles (8) aimed at the web can be mounted immediately adjacent to the rolling-mill frame, and at the reversing-roller frames. The nozzles can be at several positions in a continuous girder track. They can be spaced apart in the lateral direction on successive spray beams, and inclined in the rolling direction.

IPC 1-7

**B21B 45/02**

IPC 8 full level

**B21B 45/02** (2006.01)

CPC (source: EP US)

**B21B 45/0215** (2013.01 - EP US)

Citation (search report)

- [X] WO 9219395 A1 19921112 - BERTIN & CIE [FR]
- [A] BE 899845 A 19841001 - CENTRE RECH METALLURGIQUE
- [A] DE 2702143 A1 19770728 - CENTRE RECH METALLURGIQUE [BE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 241 (M - 614) 7 August 1987 (1987-08-07)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 258 (M - 838) 15 June 1989 (1989-06-15)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 291 (C - 1208) 3 June 1994 (1994-06-03)
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 191 (C - 182) 20 August 1983 (1983-08-20)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 077 (M - 1367) 16 February 1993 (1993-02-16)

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DOCDB simple family (publication)

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**EP 95250227 A 19950918**; CN 95116293 A 19950918; DE 4438822 A 19941019; DE 59509444 T 19950918; TW 84107516 A 19950720; US 54770495 A 19951019