

Title (en)

Method and machine for straightening metal strips

Title (de)

Verfahren zum Richten von Metallbändern und Richtmaschine hierzu

Title (fr)

Procédé et installation de planage de bandes métalliques

Publication

EP 0937521 A3 20010131 (DE)

Application

EP 98124099 A 19981218

Priority

DE 19806668 A 19980218

Abstract (en)

[origin: EP0937521A2] For straightening of metal strips with variable thickness, the straightening rolls (14) in at least one roll frame (12) are controlled so that their distances from their associated straightening rolls (13) in the other roll frame (11) is altered dependent on the strip thickness variation. The claimed apparatus in the form of a strip straightening machine a) preferably the top roll frame (12) is designed so that it can execute a pendulum motion altering the distance between the successive roll pairs (13, 14); b) the pendulum drive (25) is provided with a control unit (26) which controls it according to a program specifying a pendulum motion of the roll frame (12) dependent on the thickness variation of the strip to be straightened.

IPC 1-7

B21D 1/02

IPC 8 full level

B21D 1/02 (2006.01)

CPC (source: EP)

B21D 1/02 (2013.01)

Citation (search report)

- [X] US 5255548 A 19931026 - MELZER ANDREW E [US], et al
- [A] DE 2424876 A1 19751127 - PHYSITRONIK GERAETEBAU GMBH
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 067 (M - 673) 2 March 1988 (1988-03-02)
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 036 (M - 664) 3 February 1988 (1988-02-03)

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DE 19806668 A1 19990819; EP 0937521 A2 19990825; EP 0937521 A3 20010131; ZA 991242 B 20000817

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