

Title (en)

Method and device for the hot-rolling of strip

Title (de)

Verfahren und Vorrichtung zum Warmbandwalzen

Title (fr)

Procédé et dispositif pour le laminage de bandes à chaud

Publication

**EP 0375094 B1 19960918 (DE)**

Application

**EP 89250129 A 19891222**

Priority

- DE 3843730 A 19881222
- DE 3843731 A 19881222

Abstract (en)

[origin: EP0375095A2] The invention relates to a method and a device for controlling the strip width during the hot-rolling of strip on a multiple-stand finishing line of a rolling mill train in which the speeds of the working rolls of each stand are controlled as a function of the instantaneous operating state. Here, the strip widths are sensed directly after the last reduction per pass and/or before the penultimate reduction per pass and are compared with the desired width in a width controller. In the event of deviations, a strip-supply controller for the strip supply between the last stands is acted upon, which strip-supply controller, by adjusting the roll nips, corrects the strip supply and the tensile stress of the strip in such a way that the strip width changes. The method is optimized by additional control of the strip thickness according to the novel strip-supply principle as well as by dispensing with some loop lifters. <IMAGE>

IPC 1-7

**B21B 37/16**; **B21B 37/58**

IPC 8 full level

**B21B 37/00** (2006.01); **B21B 37/16** (2006.01); **B21B 37/22** (2006.01); **B21B 37/50** (2006.01); **B21B 37/58** (2006.01); **B21B 37/72** (2006.01)

CPC (source: EP)

**B21B 37/165** (2013.01); **B21B 37/22** (2013.01); **B21B 37/50** (2013.01); **B21B 37/72** (2013.01); **B21B 2261/06** (2013.01); **B21B 2271/02** (2013.01)

Cited by

CN108568452A; CN110961469A; EP0775537A3; CN114951295A; CN113909300A; WO9924184A1

Designated contracting state (EPC)

AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0375095 A2 19900627**; **EP 0375095 A3 19921223**; **EP 0375095 B1 19960131**; AT E133591 T1 19960215; AT E142916 T1 19961015; DE 58909588 D1 19960314; DE 58909734 D1 19961024; EP 0375094 A2 19900627; EP 0375094 A3 19921223; EP 0375094 B1 19960918

DOCDB simple family (application)

**EP 89250130 A 19891222**; AT 89250129 T 19891222; AT 89250130 T 19891222; DE 58909588 T 19891222; DE 58909734 T 19891222; EP 89250129 A 19891222