

Title (en)

Method and device for controlling the strip width during the hot-rolling of strip

Title (de)

Verfahren und Vorrichtung zum Regeln der Bandbreite beim Warmbandwalzen

Title (fr)

Procédé et dispositif pour le réglage de la largeur de bande lors du laminage de bandes à chaud

Publication

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Application

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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>

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Cited by

CN114653759A; CN113522996A; EP3216881A4; CN113909307A; WO2018197579A1; EP2998040A1; WO2016041746A1; US10596608B2; US11318511B2

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