

Title (en)

ROLLING MILL FOR PRODUCING A ROLLED STRIP

Publication

EP 0249801 B1 19900411 (DE)

Application

EP 87108001 A 19870603

Priority

DE 3620197 A 19860616

Abstract (en)

[origin: US4800742A] During operation of a rolling mill the roll gap and roll shape change, because of the influence of heat, bending of the working rolls or the roll mounting, wear and the like, and must be compensated and/or balanced to make a planar product, particularly a planar rolled sheet or strip. To compensate for these undesirable disadvantageous influences on the operation of the rolling mill frequent axial sliding of the rolls with respect to each other and/or positioning of the working rolls transverse to the plane of the rolled material is required. These undesirable influences are prevented in a particularly simple way and/or are compensated when the contours of the rolls in the initial state and/or unloaded state of the rolling mill are such that the sum of the roll body diameters at each relative axial position of the rolls varies axially from a constant value.

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B21B 13/14

IPC 8 full level

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CPC (source: EP US)

B21B 13/142 (2013.01 - EP US); **B21B 13/147** (2013.01 - EP US)

Cited by

AT509107B1; US9789521B2; US6324881B1; WO0119544A1; US8413476B2; US8881569B2; DE102016222987A1; WO2018095655A1; WO2007144161A1; WO2007144162A1; EP0451874B2

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