

Title (en)

Rolling train for rolling bar-shaped rolling stock, e.g. steel bars or wire

Title (de)

Walzstrasse zum Walzen von stabförmigem Walzgut, z.B. Stabstahl oder Draht

Title (fr)

Train de laminage pour laminier des produits en forme de barres, p.e. d'acier en barres ou de fils

Publication

EP 1018376 A3 20021218 (DE)

Application

EP 99124714 A 19991211

Priority

DE 19900428 A 19990108

Abstract (en)

[origin: EP1018376A2] Roll gaps (s3-s10) of the active roll stands (3-10) are adjusted via hydraulic cylinder units (12) which are controlled by roll gap regulators (13) by whose frame springs of the active roll stands are compensated into fractions. The fractions are separately adjusted for each roll stand. Mill train has active roll stands operating in pairs and being adjustable to roll gaps. The rolled material (11) can be rolled to a final height (h) and a vertical final width (b) by applying rolling forces (F3-F10). Roll gaps (s3-s10) of the active roll stands (3-10) are adjusted via hydraulic cylinder units (12) which are controlled by roll gap regulators (13) by whose frame springs of the active roll stands are compensated into fractions. The fractions are separately adjusted for each roll stand.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [E] EP 0972581 A2 20000119 - SCHLOEMANN SIEMAG AG [DE]
- [XA] US 4860564 A 19890829 - KAPLAN NAUM M [US]
- [XA] DE 3402254 A1 19840830 - MITSUBISHI ELECTRIC CORP [JP]

Designated contracting state (EPC)

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