

Title (en)

Determination of the load deflection characteristics of a roughing and finishing stand.

Title (de)

Ermittlung der Federkennlinie eines Vor- und Fertiggerüsts.

Title (fr)

Détermination de la caractéristique de cédage d'une cage ébaucheuse et finisseuse.

Publication

EP 0433819 B1 19950308 (DE)

Application

EP 90123636 A 19901208

Priority

DE 3942452 A 19891222

Abstract (en)

[origin: EP0433819A2] To determine the load deflection characteristics of a roughing and finishing stand and adjust its rolling gap before rolling, especially for the purpose of rolling light structural sections with narrow tolerances, at least one horizontal roll of the stand being adjustable, primarily by electromechanical means, it is proposed that, in a roll stand with a removable or pivotable stand cap 6 which connects the housing uprights 7 of the stand housings 5 and is connected to the housing uprights 7 by means of tie rods 8 prestressed by a hydraulic tensioning device 10, at least the upper roll 12 of the horizontal rolls is moved towards the other roll by the electromechanical adjusting means 16 for rolls and that the rolling forces to be measured between the roll shells are applied by the hydraulic tensioning device and that the electromechanical adjusting means can be adjusted by definable adjustment paths L in the unloaded condition, while maintaining roll contact. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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