

Title (en)

Device and method for influencing the frictional relationships between an upper and a lower roll of a rolling stand

Title (de)

Vorrichtung und Verfahren zur Beeinflussung der Reibungsverhältnisse zwischen einer oberen und einer unteren Walze eines Walzgerüstes

Title (fr)

Dispositif et procédé pour influencer les conditions de friction entre un cylindre supérieur et un cylindre inférieur d'une cage de laminoir

Publication

EP 0908248 A3 20021016 (DE)

Application

EP 98118615 A 19981001

Priority

DE 19744503 A 19971009

Abstract (en)

[origin: EP0908248A2] Friction between top and bottom rolls is controlled by wetting the surfaces (23, 24) of the rolled product (25) with the spray liquid whose amount and delivery are determined and controlled by a control system (3). The apparatus for controlling the friction between the top and bottom rolls (6, 7) of a roll stand (28) includes a spray unit (2) on the entry side (27) of the roll stand, and a control system (3) for determining the amount of the spray liquid to be delivered. A quantity determined beforehand or obtained by calculation is used in combination with the actual rolling torque of the bottom and/or the top roll as the control variable. The top (23) and bottom (24) surfaces of the rolled product (25) are wetted with the spray liquid whose amount and delivery are determined and controlled by the control system (3).

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IPC 8 full level

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