

Title (en)
ROLL LINE

Title (de)
WALZLINIE

Title (fr)
LIGNE DE LAMINAGE

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Application
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Abstract (en)
[origin: WO2021104574A1] The invention relates to a device for rolling, in particular for stepped rolling, of material (8) to be rolled, comprising at least one roll pair (1, 2) and at least one linear drive (5), which is arranged downstream of the roll pair (1, 2) in the rolling direction and, together with the roll pair (1, 2) can apply tensile stress to the material 8 to be rolled, and comprising means for detecting the tensile stress. In order to provide an improved method for flexibly rolling material to be rolled, the roll device is characterised by means for detecting the tensile stress and by a controller for controlling the drive output of the linear drive (5) on the basis of the ascertained tensile stress, in order to selectively vary the tensile stress applied to the material (8) to be rolled, or to keep the tensile stress constant in the case of changing drive speeds downstream of the roll nip. The invention also relates to a method for rolling the material (8) to be rolled using such a device.

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