

Title (en)  
Ribbon stroke and loop control

Title (de)  
Bandzug- und Schlingenregelung

Title (fr)  
Réglage du feuillard et des nœuds

Publication  
**EP 2454033 A1 20120523 (DE)**

Application  
**EP 10732933 A 20100709**

Priority  
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Abstract (en)  
[origin: EP2277639A1] For the regulation of the actual tension of a metal strip, between two roll stands in a rolling mill, a lifter between the roll stands acts on the strip to bring it to a nominal tension value. Actual and nominal values ( $Z^*$ ,  $Z'$ ) are fed to the control unit (15) to determine a tension equalizing signal (ZA) with a time delayed integral portion (IA) to give a nominal speed value (ovl\*) for at least one roll stand. The difference between the two signals determines a nominal speed portion for the lifter. The nominal ( $\psi^*$ ) and actual ( $\psi$ ) lifter positions are fed to the loop control (16) to determine a loop equalizing signal (SA). A time delay determines a second loop equalizing signal to give a further nominal speed value for a roll stand. The output signals are passed to the roll stand speed control and the loop lifter setting unit.

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CPC (source: EP)  
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