

Title (en)

Device for regulating the draught of the strip in a hot rolling mill.

Title (de)

Vorrichtung zum Regeln der Bandspannung in einem Warmwalzwerk.

Title (fr)

Dispositif pour régler la tension d'une bande dans un laminoir à chaud.

Publication

**EP 0161223 A2 19851113 (EN)**

Application

**EP 85830063 A 19850312**

Priority

IT 2006384 A 19840315

Abstract (en)

The device includes an arm (3) pivotable about an axis parallel to the strip (S) and perpendicular to the direction of advance of the strip. One end of the arm is held in contact with the strip and carries a sensor (5) which outputs electrical couple signals indicative of the couple (QL) applied by the strip to the arm about the pivot axis of the arm. A processing and control unit (12) is connected to the couple sensor and to sensors (8) for sensing the angular position of the arm, and is arranged to generate an error signal (  $\epsilon$  ) in dependence on the difference between the said couple signals (QL) and a reference couple signal (QN). The device further includes drive means (6) arranged, when actuated, to change the position of the tensioner (3) in dependence on the error signal (  $\epsilon$  ) generated by the control and processing unit.

IPC 1-7

**B21B 37/06**

IPC 8 full level

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CPC (source: EP)

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Cited by

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**EP 0161223 A2 19851113**; **EP 0161223 A3 19870805**; **EP 0161223 B1 19901024**; AT E57630 T1 19901115; DE 3580184 D1 19901129; ES 541241 A0 19851216; ES 8602455 A1 19851216; IT 1173847 B 19870624; IT 8420063 A0 19840315

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