

Title (en)  
CONTROL DEVICE FOR THE FRONT TENSION IN A HOT STRIP MILL

Publication  
**EP 0162361 B1 19890830 (DE)**

Application  
**EP 85105469 A 19850504**

Priority  
DE 3419697 A 19840525

Abstract (en)  
[origin: EP0162361A2] 1. Equipment for the regulation of strip tension in a hot strip rolling train, in which the regulation takes place in the first stands to a strip tension value calculated from rolling moment and driving moment and in the following stands (1, 2) with the aid of regulating devices which, by means of measuring rollers (3) associated with a pressure measuring equipment (8) and urged against the underside of the rolled strip, by way of control equipments influence setting elements which effect changes in the rotational speed and/or the screwing-down of the rolls of the roll stands (1, 2), characterised thereby, that the measuring rollers (3) are arranged on a lifting equipment (5, 6, 7), by means of which a fixed biasing pressure is divisible between the pressure measuring equipment (8) and the measuring rollers (3) layable against the rolled strip, wherein the measuring rollers (3) are raisable out of a setting below the rolling plane into a predetermined fixed setting above this.

IPC 1-7  
**B21B 37/06**

IPC 8 full level  
**B21B 37/00** (2006.01); **B21B 37/50** (2006.01)

CPC (source: EP)  
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Cited by  
EP0710513A1; US5660066A; EP3095532A1; EP0721813A1

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**EP 0162361 A2 19851127; EP 0162361 A3 19860806; EP 0162361 B1 19890830**; DE 3419697 A1 19851128; DE 3572607 D1 19891005; JP H0763746 B2 19950712; JP S60261612 A 19851224

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**EP 85105469 A 19850504**; DE 3419697 A 19840525; DE 3572607 T 19850504; JP 10165385 A 19850515