

Title (en)

METHOD FOR ADJUSTING A CONTINUOUS CASTING INSTALLATION ROLL SEGMENT

Title (de)

ANSTELLVERFAHREN FÜR EIN ROLLENSEGMENT EINER STRANGGIESSANLAGE

Title (fr)

PROCEDE DE REGLAGE D'UN SEGMENT DE ROULEAUX D'UNE INSTALLATION DE COULEE CONTINUE

Publication

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Application

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Abstract (en)

[origin: US6386268B1] The present invention relates to an adjusting method for a roller section of a continuous casting machine which is provided with a section input side (6), a section output side (7) and a pair of roller carriers (1, 2) which each carry at least two rollers (3) extending over a supporting zone (4), with the roller carriers (1, 2) being mutually adjusted against one another by way of an adjusting unit arranged at the section input side (6) and at the section output side (7), with each adjusting unit being provided with two hydraulic cylinder units (8 to 11) arranged on either side of the supporting zone (4), characterized in that the hydraulic cylinder units (8 to 11) can be adjusted both in a position-controlled and pressure-controlled manner; the rollers (3) are placed in a position-controlled manner by the hydraulic cylinder units (8 to 11) against a metal billet (5) which is guided by the rollers (3); the hydraulic cylinder units (8 to 11) are changed over from position-controlled to pressure-controlled operation when the pressure in the respective hydraulic cylinder unit (8 to 11) reaches a hydraulic cylinder threshold value.

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