

Title (en)

COMPUTER-AIDED METHOD FOR DETERMINING DESIRED VALUES FOR CONTROLLING ELEMENTS OF PROFILE AND SURFACE EVENNESS

Title (de)

RECHNERGESTÜTZTES ERMITTLUNGSVERFAHREN FÜR SOLLWERTE FÜR PROFIL- UND PLANHEITSTELLGLIEDER

Title (fr)

PROCEDE DE DETERMINATION ASSISTE PAR ORDINATEUR POUR DES VALEURS DE CONSIGNE DESTINEES A DES ACTIONNEURS DE PROFIL ET DE PLANEITE

Publication

EP 1485216 A1 20041215 (DE)

Application

EP 03722208 A 20030303

Priority

- DE 0300716 W 20030303
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Abstract (en)

[origin: US7031797B2] Input variables, which describe a metal strip prior to and after the passage of a rolling stand, are fed to a material flow model. The material flow model determines online a rolling force progression in the direction of the width of the strip and feeds said progression to a roller deformation model. The latter determines roller deformations from said progression and feeds them to a desired value calculator, which calculates the desired values for the controlling elements of profile and surface evenness using the calculated roller deformations and a contour progression on the runout side.

IPC 1-7

B21B 37/28

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

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