

Title (en)

Method and apparatus for calculating the roll gap contour

Title (de)

Verfahren und Vorrichtung zur Berechnung der Walzspaltkontur

Title (fr)

Procédé et dispositif pour calculer le profil de l'emprise entre les cylindres

Publication

EP 1240955 B1 20040714 (DE)

Application

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Priority

AT 4002001 A 20010314

Abstract (en)

[origin: EP1240955A1] To compute the roller gap contour between at least two rollers (A), at a rolling stand of the rolling mill, the roller gap contour is given on-line from the results of a combination derived from a prior computation and an on-line computation. The prior computation includes a distortion vector field e.g. the radial distortion field of a roller under a given loading. The result is shown as a Fourier series, and the prior work uses a finite element computation

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CPC (source: EP)

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Cited by

CN111295249A; DE102009043401A1; CN110064670A; CN112559950A; US11534827B2; EP1600221A1; EP3536411A1; CN111801173A; WO2019170381A1; WO2019101628A1

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