

Title (en)

LOCAL VARYING OF THE ROLL GAP IN THE AREA OF THE EDGES OF A ROLLED STRIP

Title (de)

LOKALES VERÄNDERN DES WALZSPALTS IM BEREICH DER BANDKANTEN EINES GEWALZTEN BANDS

Title (fr)

CHANGEMENT LOCAL DE LA FENTE DE LAMINAGE DANS LA ZONE MARGINALE D'UNE BANDE LAMINÉE

Publication

EP 3685930 B1 20211124 (DE)

Application

EP 19153870 A 20190128

Priority

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Abstract (en)

[origin: US2020238353A1] Methods and apparatus for locally changing a roll gap in the region of the strip edges (10) of a rolled strip (1) in a rolling stand (2). The roll gap can be changed locally in the region of the strip edges (10) of the strip (1) during the hot rolling. Axial displacement of the working rollers (3, 4) in opposite directions is by a displacement distance s , where s is greater than or less than $\Delta r/\tan(\alpha)$ and Δr indicates the wear of the running surface (8) in the radial direction (R) and α indicates the pitch angle of the conical portion (7) of the respective working roller (3, 4).

IPC 8 full level

B21B 37/40 (2006.01)

CPC (source: CN EP RU US)

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