

Title (en)

VARIABLY ROLLED STEEL STRIP, SHEET OR BLANK AND PRODUCTION METHOD THEREFOR

Title (de)

VARIABEL GEWALZTES STAHLBAND, -BLECH ODER -ROHLING UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

BANDE, TÔLE OU ÉBAUCHE D'ACIER LAMINÉES DE MANIÈRE VARIABLE ET LEUR PROCÉDÉ DE PRODUCTION

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Application

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Abstract (en)

[origin: WO2019215131A1] The invention relates to a variably rolled steel strip, sheet or blank, having at least one portion having a high thickness and at least one portion having a low thickness, wherein the variation in thickness between the high thickness and the low thickness is at least 35%, and wherein in the portion with high thickness the yield strength is 350 MPa or higher and the tensile elongation A50 (in %) and sheet thickness t (in mm) satisfy the equation of $A50 / t0.2 \geq 14$, and in the portion with low thickness the yield strength is 450 MPa or higher and the tensile elongation A50 (in %) and sheet thickness t (in mm) satisfy the equation $A50 / t0.2 \geq 17$.

IPC 8 full level

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