

Title (en)

DEVICE FOR ROLLING METAL SHEET MATERIAL AND METHOD FOR ROLLING METAL SHEET MATERIAL

Title (de)

VORRICHTUNG ZUM WALZEN VON METALLBLECHMATERIAL UND WALZVERFAHREN ZUM WALZEN VON METALLBLECHMATERIAL

Title (fr)

DISPOSITIF DE LAMAINAGE POUR MATÉRIAU EN FEUILLE MÉTALLIQUE ET PROCÉDÉ DE LAMINAGE POUR MATÉRIAU EN FEUILLE MÉTALLIQUE

Publication

EP 2626149 B1 20150429 (EN)

Application

EP 12761152 A 20120305

Priority

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Abstract (en)

[origin: EP2626149A1] The present invention provides a device for rolling a metal sheet material including: a housing that accommodates roll chocks, includes a pair of first project blocks protruding inwardly and bearing a force in a rolling direction acting on a bottom work roll, and further includes a housing window that bears a force in the rolling direction acting on a top work roll; a first hydraulic cylinder provided to the pair of first project blocks and including a first piston rod that applies an increase-bending force to the top work roll; a second hydraulic cylinder provided to the pair of first project blocks and including a second piston rod that applies an increase-bending force to the bottom work roll; a third hydraulic cylinder provided to a top back up roll chock and including a third piston rod that applies a decrease-bending force to the top work roll, or brings the top work roll into contact with a top back up roll to generate a roll balance force; and, a fourth hydraulic cylinder including a fourth piston rod that applies a decrease-bending force to the bottom work roll.

IPC 8 full level

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