

Title (en)
METHOD FOR LUBRICATING AND COOLING ROLLERS AND METAL STRIPS ON ROLLING IN PARTICULAR ON COLD ROLLING OF METAL STRIPS

Title (de)
VERFAHREN ZUM SCHMIEREN UND KÜHLEN VON WALZEN UND METALLBAND BEIM WALZEN, INSBESONDERE BEIM KALTWALZEN VON METALLBÄNDERN

Title (fr)
PROCEDE POUR LUBRIIFIER ET REFROIDIR LES CYLINDRES ET LA BANDE METALLIQUE LORS DU LAMINAGE, NOTAMMENT LORS DU LAMINAGE A FROID DE BANDES METALLIQUES

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Abstract (en)
[origin: US2009282884A1] The invention relates to a method for lubricating and cooling rollers (3,4,5,6) and metal strips (2) on rolling in particular, on cold rolling of metal strips (2), wherein, on the inlet side (7a) a minimal amount of pure lubricant (9) without a high water content is continuously supplied in an online controlled manner with a controlled viscosity and lubricity depending on a number of process data measurements (23) by means of a physical computer model (22) and the equivalent process data measurements (23) from the outlet side (8a) are also used online by the physical computer model (22).

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