

Title (en)
DISCHARGING CRYOGEN ONTO WORK SURFACES IN A COLD ROLL MILL

Title (de)
ABFÜHREN VON KRYOGEN AUF ARBEITSFLÄCHEN IN EINEM KALTWALZWERK

Title (fr)
ÉCOULEMENT DE CRYOGÈNE SUR DES SURFACES DE PIÈCES À TRAVAILLER DANS UN LAMINOIR À FROID

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Application
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Abstract (en)
[origin: WO2009029659A1] The present invention is directed to a method and apparatus for adjusting the amount of cryogen delivered to a mill stand (1) using a non-optical sensor (16a) to measure at least one operating parameter selected from the group consisting of roll stand parameters, rolled product parameters, and cryogen parameters. Output signals, are generated by the non-optical sensor and a controller (17) calculates numeric values based on the signals. When the calculated numeric values reach a predetermined set point value that correlates with mill stand temperature, the flow of cryogen is adjusted to disperse a desired amount of cryogenic fluid to said mill stand (1) to control rolling temperature.

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