Title (en)
METHOD FOR COOLING STEEL SHEET AND METHOD OF MANUFACTURING STEEL SHEET

Title (de)
VERFAHREN ZUM KÜHLEN VON STAHLBLECH UND VERFAHREN ZUR HERSTELLUNG VON STAHLBLECH

Title (fr)
PROCEDE DE REFROIDISSEMENT D'UNE FEUILLE D'ACIER, ET PROCEDE DE FABRICATION D'UNE FEUILLE D'ACIER

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Application
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Abstract (en)
[origin: EP1508388A1] The present invention provides a cooling method of steel plate comprising the steps of; transferring a steel plate horizontally with the steel plate surface being constrained by plural sets of upper and lower rollers; and water-cooling the steel plate being transferred from upside and downside of the steel plate surface, wherein a constraint force (t: ton) on the steel plate per one set of upper and lower rollers is not lower than P1 (=6.85x10<-7>S<3>L<0.65>) and lower then P2 (=1.2x10<-6>S<3>L<0.65>). Here, L (mm) is a distance between the sets of upper and lower rollers adjacent with each other, and S (mm) is a thickness of the steel plate. According to the invention, a hot-rolled steel plate can be cooled uniformly without camber due to inhomogeneous cooling or buckling due to constraint force. <IMAGE>

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